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operates on single 9V Battery and to save power it has Auto power OFF function. It is supplied with User Manual, Battery and Carrying Case.

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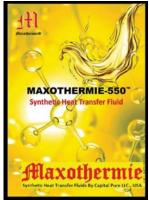
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Smart Temperature Transmitter BE-DRT-101P

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tion. General Specifications – Cold end junction compensate range: -20°C-55°C; Load Resistance: RL \leq (Ue-12) / 0.021; Over range alarm value: Programmable; Input break output current value: Programmable; Power Supply: 24 V DC (18-36 V DC); Accuracy (ambient 20°C): 0.1% FS; Temperature drift: 0.01% FS/°C; Response Time: 1 ms to 90% of maximum output; IP/OP Isolation strength: 1500 V AC/ 1 min; IP/OP impedance: \leq 100 MÙ; EMC Standard: IEC 61326-1; Working Temperature:-40°C ~ +80°C; Mounting: DIN Rail.

Contact:

British Electricals 237/8 Sonal Link Ind Estate, Building No: 2 Link Road, Malad (West), Mumbai 400 064 2022 – 4062 0000 • E-mail: sales@britishelectricals.com

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a 4-digit display and 2 keys, which allow for quick and easy adjustment of indication range, decimal point position, and digital signal filter and user calibration. Parameter configuration is password protected and can be done directly via the front panel keys of the loop indicator. The configured parameters are stored in non-volatile memory, keeping them safe in the event of a loop break. Specifications – Display: 4-digit red LED; Indicating Range: -1999 to 9999 or 9999 to -1999; Configuration: External push buttons; Accuracy: 0.1% of span ±1 digit; Electrical Connection: EN175301-803 A Standard (DIN 43650 Form A); Measuring Rate: Fastest 10 times/sec, Slowest 1.8 times/sec, Rate adjustable/sec. Temperature Drift: ≤ 30 ppm; Power Supply: 4-20 mA loop powered; Max Current Load: < 60 ma; Voltage Drop: < 2.5 V DC at 4 mA, 2.9 V DC at 20 mA; Operation Condition: -40 to 85°C; Dimensions: 51.5 x 42.5 x 40.5 (H x W x D); Housing Material: ABS (polyurethane gasket). Contact:

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Inclinometer-46/M

ITI-Inclinometer-46/M is a digital handheld device designed to measure slope with high accuracy. It can measure slope with an accuracy of 10 seconds of arc at $\pm 5^{\circ}$

and 1 minute of arc at $\pm 46^{\circ}$. ITI-Inclinometer-46/M features temperature compensation and fast calibration, making it reliable for operational environments. Thanks to its low-power design, intelligent power-saving features, and



lithium-ion rechargeable battery, this Inclinometer offers up to 33 hours of battery life on a single charge. Besides, taking advantage of a 2.8" touch screen and user-friendly graphical user interface (GUI), along with measurement in units of degrees, arc seconds, mm/m and mil make slope measurement easier. By using micro electromechanical sensors (MEMS) and 3D acceleration data processing, ITI-Inclinometer-46/M has been able to maintain its accuracy throughout the measurement interval. In addition, thanks to temperature compensation and the use of "multi-factor temperature calibration" technology. Utilising micro electromechanical sensors and 3D processing of acceleration data, Inclinometer maintains its accuracy throughout the measuring range. Technical Specifications: User Quick Calibration; 2.8-inch Touchscreen; Error limit of 10 seconds of arc in $\pm 5^{\circ}$ range (S-Mode); The error limit of 1 arc minute in ±46° (Full Range); Temperature compensation in the operating range ($0^{\circ}C \sim +40^{\circ}C$); Maintaining accuracy throughout the range with "3D Processing of Acceleration Data"; Capability of connecting to a computer and transferring data; Capability of measuring absolute and relative (Relative Zero). Possibility of measuring relative rotation on a plane (Plane-Mode). Applications: Adjusting axes in CNC machines and industrial robots; Deflection measurement of huge pipelines; Dimensional quality control of parts in steel industries; Precise alignment for installing rail structures; Calibrating linacs and other sensitive medical equipment; Adjusting local terrain for radars; Testing and controlling multi-degree-of-freedom tables. Contact:

India Tools & Instruments Co

12/18 Tawa Lane, Off Abdul Rehman Street, Unity House 1st Floor, Office No: 7, PB No: 3264, Mumbai 400 003 ☎ 022 – 2342 8862 • Mob: 98193 45050 E-mail: ojus_itico@hotmail.com

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Subzero Tube Tools Pvt Ltd

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Head Mount Smart Temperature Transmitter

British Electricals offers Head Mount Smart Temperature Transmitter. General Features: Universal Input, support RTD: Pt100, Cu 50, Cu 100; Thermocouple: K, J, E, T, S, R,

B, N, PT 1000 and are needs to be custom made; 2 Wires 4-20 mA output; Input configurable via PC software and Android smart phone; Built-in cold junction compensation; Can be installed in Form B connec-



tion box; High accuracy, 0.1% for RTD, 0.2% for TC; USB cable for configuration purpose can draw power from PC directly separate 24 V DC power source is no need; Surge Protection, reverse connection protection. General Specifications – BE-TT-101: Cold end junction compensate range: -40° C +80°C; Compensate accuracy: $\pm 1^{\circ}$ C; Output 4-20 mA; Load Resistance: RL (Ue-12) / 0.021; Over range alarm value: IH = 20.8 mA, IL = 20.8 mA; Input break output current value: 21 mA; Power Supply: 12-35 V DC; Accuracy (ambient 20 °C): 0.1% FS for RTD, 02% FS for TC; Temperature drift: 0.01% FS/°C; Response Time: 1 ms to 90% of maximum output; Input/output impedance: Nonisolation; EMC Standard: IEC 61326-1; Working Temp.:-40°C+80°C.

Contact:

British Electricals 237/8 Sonal Link Ind Estate Building 2 Link Road, Malad (West), Mumbai 400 064 022 – 4062 0000 • E-mail: sales@britishelectricals.com

Hook Type Highly Insulated FRP Telescopic Earth / Discharge Rod

KUSAM-MECO has added a full NEW range of Hook Type Highly Insulated FRP Telescopic Earth /Discharge Rods - Model-KM-HKDR-11 kV / KM-HKDR-33 kV / KM-HKDR-66 kV / KM-HKDR-132 kV / KM-HKDR-220 kV / KM-HKDR-400 kV These Discharge Rods are manufactured in fully automatic Pultrusion Plant thus having strong Electrical and Mechanical Strength. It has smooth and Glossy surface. The locking is Auto fit during extraction. The 11 kV Discharge Rod has 02 Sections; 33 kV has 03 Section; 66, 132, 220 and 400 kV has 04 Sections. The Earthing Clamp is by means of Crocodile clamp. The Earthing Cable length is as per the length of the Rod. It is Supplied with Carrying Case.



Contact:

Kusam Electrical Industries Ltd Shop No: 18, 1st Floor, CIDCO Shopping Complex Plot # 9, Sector-7, Rajiv Gandhi Marg Sanpada, Navi Mumbai 400 705 🕾 022 – 2775 4546, 2775 0662, 2775 0292 E-mail: sales@kusam-meco.co.in



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provides flexible, cost effective and low maintenance CO_2 , IR-Fiber/Diode-pumped, GR and UV marking and other processing systems. With the UV Laser Series, the Company offers a flexible, cost effective and low maintenance marking system for non-metals and organic materials. The Marking Software - Marking Mate is easy to operate and allows you to quickly define parameter for



single piece, small scale, medium scale and large-scale production. UV Laser Marking Machines are available in power ranging from 3 W to 20 W to achieve top quality marking in industry and craft. The excellent beam quality with the sufficient power enables marking with high precision. C And C offers Customized solutions for your product identification. These include processes like engraving, 3D engraving, security marking and many more. A wide range of Database solutions like fixed, variable text, serial numbers, barcodes, logos, vector-raster graphics, ODBC external data from servers can be offered according to the needs. C And C Laser also offers compact lasers for all applications lasers of wavelengths from Far IR-CO, Lasers, Diodepumped fiber-coupled IR, Green, UV and DUV lasers. The lasers are used for industrial applications like cutting, welding, marking, engraving, research, etc. C And C also carries out job-work, where it has different laser marking machines, used for demonstration purpose.

Contact:

C. And C. Laser Engineering Pvt Ltd 205 Mihar A CHS, MG Road, Near Charkop Village Kandivali West, Mumbai 400 067 窓 022 – 3506 1794 • Mob: 98331 05515 E-mail: info@cnclaserengg.com; sawant@cnclaserengg.com

Flanges

Dynamic Forge & Fittings (I) Pvt Ltd supplies Flanges like Slip on Weld neck, Blind, Lap joint, Spectacle, Socket Weld, Screwed, Threaded Ring Joint, and Orifice. Types: Forged and Plate; Sizes: ½" NB to 48" NB; Classes: 150 Lbs. to 2500 Lbs. Standards: ASTM A105, A182F 304/304L/ 316/316L/316Ti/321/347 ASTM A 350 LF 1, LF 2, LF 3; ASTM A 182 GR F1, F5, F9, F11, F12, F22.

Contact:

Dynamic Forge & Fittings (I) Pvt Ltd 619/620 Floor-6, Prasad Chamber, Tata Road No: 2 Opera House, Girgaon, Mumbai 400 004 022 – 2385 5158 • E-mail: info@dynamicforge.com

Belt Tumbler (Tumblast) Type Shot Blasting Machine

MEC SHOT, a renowned name in Design, Development and Manufacturing Surface Preparation, Finishing, Shot Peening Machines, Media Conveying, Blast Room, Paint Booth and Dust Collectors and Accessories. MEC SHOT,



provides services of Air Operated Abrasive Blasting/Airless Shot Blasting and Shot Peening machines to various industries in India as well as globally since 1992. MEC SHOT offers various types of Custom-built Automated or Semi-Automated machines, Dust Collectors and Accessories to Industries for achieving different substrate finishes, surface preparation, de-burring, de-flashing, peening



with protection and safeguarding of working environment and human resource. The customers are finding that MEC SHOT machines are cost effective by way of purchase or in operation. The rugged design shot blast machines increases production, improves quality and reduces costs, Faster and better Shot Blasting leads to faster machining, saving of power, cutting tool cost, reduces rejections. The tumble blast machine is fitted with endless Rubber Conveyor Belt gives gentle turning of the parts to be shot blasted. The shot blasting is suitable for the batch processing of large quantities of small jobs for foundry, forging, aluminium deburring, surface preparation. Features: Batch processing with 100% batch integrity; Uniform blast media circulation; Integrated anti-static spray system; Compatible with Fabric Bags/Polyester Bags and Cartridge/ Pleated Filter Dust Collector; Processing spectrum includes small, large, and even complex work pieces; High process consistency with automatic monitoring systems (e.g., drives) and automatic blast media replenishment systems; Optimum, multi-stage blast media cleaning via blast chamber extraction and screen systems.

Contact:

Mec Shot Blasting Equipments Pvt Ltd B-14, Parshvnath Industrial Estate Yojna Khasra No: 160, Mogra Kalan Tehsil Luni, Jodhpur, Rajasthan 342 802 20 0291 – 274 0609, 274 4068 • Mob: 70147 31363 E-mail: mail@mecshot.com

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Textiles: Capture of particulates in ventilation and humidification systems.

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Manufacturing Plant: 246/5, Kuruli Road, Chimbli Tal-Khed, Pune, Maharashtra 412 105

Inquiry:

E-mail: sales@destinyenviro.com | Mob: +91 90046 24913 / 77383 66910 | Website: destinyenviro.com

Reversible Hammer Crusher

MASYC, an ISO 9001-2008 certified company specializes in the field of Bulk Material Handling System, Conveyor Equipment, Crushers and Screens etc. The Reversible Ham-

mer Crusher is manufactured based on proven technology and under in-house strict quality control. It has the unique design feature such as Welded Casing, Scre-wed Liner with



High Carbon Steel Plates, Hammer heads made of chrome alloy cast steel or manganese steel depending upon the application. Rotor shaft is made out of forged steel, Hammer grinding path with Wear Resistant Plates, which are Mechanically/Hydraulically adjustable and Dust Proof Spherical Roller Bearing. It crushes material in two stages ie, initially the material is reduced by impact between hammer and material followed by scrubbing action (attrition) against breaker plate. Masyc Reversible Hammer Mill is used for Hard Coal, Lignite, Cooking Coal, Lime Stone, Gypsum and other soft and medium hard material. These Mills are rugged in structural, design and easy to maintain, having high throughput and low wear. The maximum reduction ratio can be as high as 12:1 depending upon the WBI of the material. The Company can offer Reversible Hammer Crusher up to a capacity of around 700 TPH and having Rotor dia 2000 mm.

Contact:

Masyc Projects Pvt Ltd 23 Community Centre, Mayapuri, Phase-1 New Delhi 110 064 窓 011 – 2811 5453 • Fax: 011 – 2811 6850 E-mail: masyc@masycproject.com

Digital Pressure Gauges + Transmitter

Arbuda Instruments offers Digital Pressure Gauges + Transmitter. Features: Nominal size: 63 and 100 mm; Accuracy: +0.25% and 0.15% of full scale; Case and Bezel: ABS plastic and aluminium anodized; Wetted parts: SS 304L/ DD 316L; Scale range: -1 to 700 kg/cm²; Battery life: 2 years power saving mode/1000 hrs cont. Applications: Generally



used for corrosive gases and liquid media and for calibration lab use.

Contact:

Arbuda Instruments E-11/1 GIDC Sector-26, Gandhinagar, Gujarat 382 027 Telefax: 079 – 2328 7990 Mob: 82649 37896 E-mail: info@arbudainstruments.com

Shot Blasting Machines

Patel Furnace & Forging is a leading manufacturer of Shot Blasting Machine, Shot Peening Machine, Sand Blasting Machine, Surface Preparation Equipment and Metal Finish-

ing Machines. It has experience and technical expertise to deal with variety of applications. The Company offers machines with new designs and new concepts for Foundry, Forging, Shot Peening, Billet Cleaning, Strip Cleaning, wire Descaling and Air Pollution Control Equipments. Patel offers genuine, economical and unmatched spares for all type of Shot Blasting and



Sand Blasting Machines. Foundry industry: There are number of items produced by foundries like impeller casting, pump casting, valve bodies, automobile or tractor components like break drum, cylinder head, fly wheel, manifold covers, weighing from 5 kg to 60 kg or more. To clean this casting, it takes 7 to 10 minutes using S-550 (1.4 mm) steel shot. Some other type of castings when hanged on monorail takes 15-20 minutes for load of 500-1000 kg or more. The fast action of shot blasting reduces its cleaning time, eliminates delay and improves production. It removes every trace of sand, scale, oxide etc. right down to virgin metal. There by lengthen tool life, speeding up machining and grinding, simplifying inspection, improving appearance and providing an excellent surface for bonding and final finishes. It saves power labour and quick return on original investment. Forging industry: Shot blasting is used for removing scale, oxide from forging components like camshafts, axle shafts, crank shafts, connecting rod, torsion bar, flanges and many other components; It improves machining and grinding operation, simplifying inspection, improving appearance and provides excellent surface. Large quantities of forged components are used in automobile industry, railway, shipping, construction, defense etc. Contact:

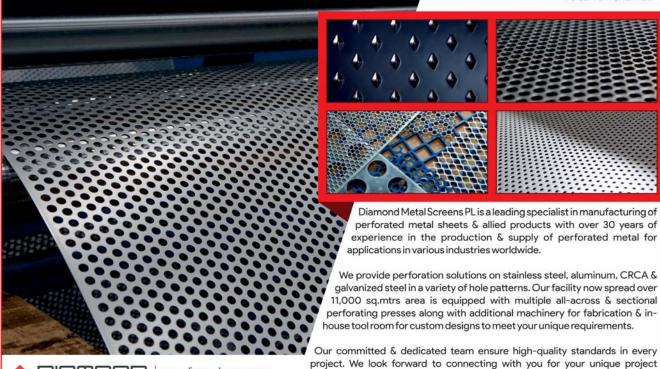
Patel Furnace & Forging Pvt Ltd A/2-510. GIDC, Makarpura, Vadodara, Gujarat 390 010 © 0265 – 264 4864, 264 0406 • Mob: 97370 61333 E-mail: info@pshotblast.com

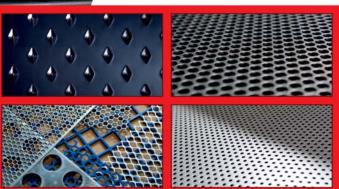
EHV Cables

KEI Industries Limited offers Single Core Copper or Aluminium/Semicon/XLPE Insulated/Semicon/Water Swellable Tape/Lead or Corrugated Aluminium Sheathed or Laminated Aluminium Tape, Armoured or Unarmoured PVC/Polythene Sheathed. Voltage Grade: 66/110/132/220/400 kV. Size: Up to 2500 sq mm Copper/3000 sq mm Aluminium.

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Contact:

Siemag Industries, Mumbai Mob: 84788 47821 / 31 / 91, 77188 75757, 77109 20909 E-mail: info@siemag.net

Economical Tube Laser Cutting Machine, R Series – Three Chucks

HSG Laser offers Economical Tube Laser Cutting Machine, R Series – Three Chucks. Its Features: High Speed and Precise, High Speed data transmission without time delay and strong positional energy control; High rotational Speed and Air Velocity Bus system and servo motor



reduce unproductive time. X10000 Bus-based Tube Cutting Control System: Simple Interface; Clear interface is convenient for users operating and shows cutting data in real time to save time and costs; Functional Integration Control: A number of core functions are showed centrally on the interface to reduce operating steps and users can easily learn to operate. Complete Tube Cutting Technique: The third chuck is the structure design of the pull material chuck. When cutting the long tube, the tube can pass through the third chuck, so as to realize the whole tube cutting. HSG Laser is a high-tech enterprise specializing in the research, development, production, and sales of intelligent metal shaping equipment. The company is dedicated to providing metal shaping and automated production line solutions to global customers.

Contact:

HSG Laser

No: 4, Anye Road, Shunjiang Community Industrial Park Beijiao Town, Shunde District, Foshan, Guangdong, China さ +86 757 – 66833906 E-mail: info@hsglaser.com

Centrifugal Machine

Ceramed Engineers, an ISO Certified Company, offers Centrifugal Machines. The first in the range of Centrifugal model machines, works on the principle of centrifugal force

being imparted to the rotating barrels, which hold the components and media. The machine essentially consists of four hexagonal barrels mounted vertically on a rotating turret and placed in the cradles. The design enables pressure to build up inside the barrels causing the ceramic media to rub vigorously against the components thereby imparting the desired finish. The barrels



rotate in a direction opposite to that of the rotating turret. This particular model is available in 12 litres capacity. Technical Specifications – Overall capacity: 12 litres (0.40 cu.ft); Width: 750 mm (29.5 inch); Depth: 1000 mm (39.4 inch); Height: 900 mm (35.4); Motor: 1.5 HP; RPM: 180 mm. Ceramed Engineer's products range includes: Centrifugal High Energy Machines, Centrifugal High Energy Polishing Machines, Rotary Driers, Spiral Type Vibrators, Tub Vibrators, Vibratory Driers, etc.

Contact:

Ceramed Engineers Limited No: B 67 & 68, III Stage, Peenya Industrial Estate Bengaluru, Karnataka 560 058 🕾 080 – 2836 3040 / 2836 3040 • Mob: 91645 04222 E-mail: sales@ceramedengineers.com

Mesh Belt Type & Roller Hearth Furnace

Kohnle Heat Treating Systems P Ltd offers Mesh Belt Type and Roller Hearth Furnace Type LGO/ALO, Type RTR. Maximum 1,200 kg/hr capacity, up to 650°C. Avail-

able preferably for processes that require tight temperature uniformly (within ± 3 K), such as solution annealing and artificial ageing of components made of aluminium and tempering within tight quality tolerances. The Company also offers Mesh Belt and Cast Link Belt Heat Treatment



Plants, Cast Link Belt Type Furnace, Retort Type Mesh Belt Furnace, Continuous straight through belt furnaces, etc.

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Kohnle Heat Treating Systems P Ltd First Floor, 236 & 237, SIDCO Thirumudivakkam, Chennai 600 044 🕾 044 – 4294 9800 • E-mail: info@brnvoinfis.com

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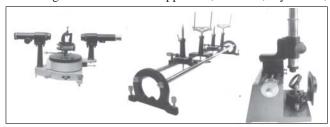
SPC Digimatic, Measuring Tools with / without Data Output, Micrometer, Vernier Caliper, Dial Caliper, Height Gage, Dial Test Indicator, Dial Indicator, Dial Thickness Gage, Bore Gage, Ganging Stand, Combination Square Set, Steel Rule, Gate Block, Height Master, Surface Plate, Calibration Testers, Electric Gages, Surface Roughness Tester, Toolmakers, Microscope, Profile Projector, Coordiante Measuring Machine, Linear Scale and many more... All Brand Names & Logos Belongs to their Respective Owners



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Contact:

Ashwani Brothers Science Market, Opp: Hargolal Dharamshala Ambala Cantt, Haryanan 133 001 窓 0171 – 400 5770 • Mob: 98960 30770 E-mail: ashwanibrothers@gmail.com

Blades for Plastic Recycling Machines

Raviraj Engineers supplies Blades for Plastic Recycling Machines in different Types like: Pelletizer Blades, Granula-

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precision manufactured to extremely close tolerances; Blades are manufactured under well-defined manufacturing process to achieve best performance of product; Burrfree, razor sharp cutting edge; Proven extreme condition materials for maximum wearability, toughness and production. The Company's products range includes: Plastic Grinder Machine, Single Shaft Shredder machine, Tubular Man cooler Fans, etc.

Contact:

Raviraj Engineers

32-33 Ambica Industrial Estate, Nr: GD School Saijpur Bogha, Ahmedabad, Gujarat 380 045 Mob: 93271 0735 • E-mail: ravirajengineers@yahoo.com

CNC Turning Machine, SINEWY 3050

Global CNC Automation offers CNC Turning Machine, SIN-EWY 3050. Its key features: Roller Type Guideways; Ground Ballscrews with Double Nuts; FEM Analyzed Machine

Structure; Operator Friendly Design; Vibration Free Structure; Elegant Look of Machine. Features include – Control System Features: RS-232 Serial Interface Port; Feed Rate Override; Manual Data Input; 2-Axis Simultaneous;



Circular Interpolation; Thread Cutting Cycle; Electronic Hand Wheel; Tool Nose Radius Compensation; Constant Surface Speed Control; Part Programming Storage and Editing. Standard Features: Foot Switch, Tool Holders, 8-Station Bi-Directional Turret, Hydraulic Chuck with Actuating Cylinder, Patrol Light. Optional Features: Auto Door, Stabilizer, Chip Conveyor, Hydraulic Collet Chuck, Bar Feed System, Steady Rest, and all Possible Customization. Technical Specification: Capacity - Swing over Bed: 950 mm; Standard Turning Dia: 300 mm; Max Turning Dia with Limited Length: 490 mm; Max Turning Length: 500 mm; Cross (X Axis) Travel: 265 mm; Longitudinal (Z Axis) Travel: 500 mm; Rapid (X & Z Axis): 25 m/min. Slide – Ball Screw (Z Axis): 40 x 10 mm; LM Guide (Z Axis): 45 mm; Ball Screw (X Axis): 32 x 10 mm; LM Guide (X Axis): 35 mm. Spindle -Spindle Motor Power (30 min./cont.): Siemens 12/16, Fanuc 11/15 kW; Spindle Bore: 86 mm; Spindle Nose: A28; Chuck Size: 305 mm; Max Bar Capacity: 73 mm; Spindle Speed Range: 50-2500 rpm; Spindle Inner Size: Straight Bore Dia 86 mm. Turret: No of Stations: 8; Max Boring Bar Diameter: dia 40 mm; Tool Size (Cross - Section): 25 x 25; Tail Stock - Quill diameter: 100 mm; Quill Stroke: 25 x 25 mm. Accuracy - Positioning Accuracy: 0.010 mm; Repeatability: 0.006 mm. Machine Dimensions - L x B x H: 2680 x 2025 x 1920 mm; Weight (approx..): 3800 kg.

Contact:

Global CNC Automation

Plot No: 2619, Survey No: 55/P, Lodhika GIDC, Gate No: 1 Vill: Vad Vajdi, Tal: Lodhika, Rajkot, Gujarat 360 021 20827 – 286 301 • Mob: 90167 24955 E-mail: info@globalcnc.in

Instrumentation Products

Fluidteq Systems is one of the leading manufacturers and providers of Instrumentation Products and solutions for a wide variety of industrial applications. The products range includes: Instrumentation Tube Fittings, Instrumental Manifold, Instrument Thread and Weld Pipe Fittings, Needle Valves, Ball Valves, SAE & CETOP Flanges, Air Distribution Manifolds, DIN Single Ferrule Fittings, etc.

Contact:

Fluidteq Systems Plot 20, Kotkar Industrial Estate, Aarey Road Goregaon (E), Mumbai 400 063 🕿 022 – 4003 2488 • E-mail: comms@fluidteqsystems.com

Roller Motor

Conveline Systems Private Limited offers RM50 24 V DC Roller Motor. Features: Various Drive Options; Tapered Rollers also available; Optional Polyurethane sleeving;

Safe low voltage; Wide range of speeds. Benefits: Fast return on Investment; No Maintenance; Low energy consumption; Total cost of ownership; Less time of installation; Roller Mo-



tor extension cable. Technical Specifications – Pipe Dia: 50 x 1.5 mm; Pipe Material: Mild Steel, Stainless Steel; Motor Shaft: M12 x 1; Nominal Voltage: 20-25 V DC; No Load Current: 0.5 A; Max. Continuous current: 2 A; Max. Start Current: 5 A; Mechanical Performance: 50 W; Noise Level: 55 Db; Min Roller Length: 270 mm (depending on application); Max number of Start/Stop per min: 30; Life time under nominal condition: 20000; Protection Class: IP54; Ambient Temperature in Operation: 0-40 degree; Air Humidity: 5-85%; Features, performance data and Mechanical performance apply to an ambient temp of 20 degrees. Contact:

Conveline Systems Private Limited Block No: 472, Tajpur Road, B/h: Unick Fix A Form Changodar, Ahmedabad, Gujarat 382 213 Mob: 90819 15912 • E-mail: info@conveline.com





In-situ Non-Contact Gas Flow Monitor

Forbes Marshall Pvt Ltd offers VCEM 5100 In-situ Noncontact Gas Flow Monitor, which provides non-contact measurement of flue gas velocity using a time-delay cor-

relation of the flue gas infrared energy sensed by two detectors spaced at a known distance apart. IR detectors, no transmitter; Non-contact measurement;



Suitable for above dew point to 1100°C gas temperatures; No moving parts high reliability, low maintenance; Continuous real time measurement; Measures gas velocity in m/sec; Measures gas flow in m³/sec; Integral auto low and high span value check. The Company's products range includes: In-situ Multi Gas Analyzer, Closed Coupled Hot Wet Extractive Multi Gas Analyzer, Dual Beam Opacity/ Dust Density Monitor, Dust Monitor, etc.

Contact:

Forbes Marshall Pvt Ltd

Opp: 106th Milestone, CTS No: 2220, Mumbai-Pune Road Kasarwadi, Pune, Maharashtra 411 034 **2** 020 – 6813 8555 • E-mail: environ@forbesmarshall.com

DryMASTER Multi Head Adaptor

Incepted in the year 1993, Lechler (India) Pvt Ltd is a noticeable name in the industry for the manufacturing of an extensive collection of optimal quality Automotive Industry Spray Nozzles and Accessories, Food Industry Spray Nozzles and Accessories, Beverage Industry Spray Noz-



zles and Accessories, Pharma Biotech Industry Spray Nozzles and Accessories. All these products are precision engineered by experienced personnel using pioneering technology and pristine-quality raw material at its unit. Then DryMASTER Multi-Head Adaptor enables the user to triple throughput while maintaining back pressure and spray profiles. Designed to fit into an 80 mm duct and attach to your standard nozzle fitting on the end of your spray lance, allowing the end user to increase capacity with minimal change to equipment. Features: Fits into existing nozzle adaptor; Designed for 80 mm penetration duct; Easy to assemble and maintain; No modification required to existing spray lance.

Contact:

Lechler (India) Pvt Ltd Plot B-2, Main Road, Wagle Industrial Estate, Thane 400 604 쫍 022 – 4063 4444 E-mail: lechler@lechlerindia.com

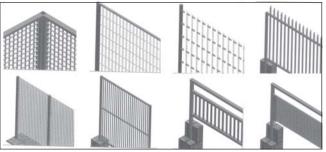
Fiberglass Fencing & Railings

Aeron Fiberglass Fencing and Railings offers various solutions for different situations. All systems are designed and tested according to the relevant standards. Systems

are designed to satisfy both the End User in terms of performance as well as the Contractor in terms of ease of installation co-sts. Applications: Fen-cing for Electrical



Tra-nsformers; Sub Stations; Road Dividers; Garden Area/ Parks; House; Various premises like School, University, Industry, Mine, Oil Rig, Power Industry and many more. Industries: Power Generation; Power Distribution; Highway Authorities; Municipal Corporations; Road Contractors; Construction and EPC; Mining; Oil and Gas; Refinery.



Advantages of Aeron Fiberglass Fencing: Electrically and Thermally Non-Conductive: Fibreglass is electrically nonconductive for safety and has low thermal conductivity which results in a more comfortable product when physical contact occurs. Corrosion Resistant: Aeron Fiberglass products are known for their ability to provide corrosion resistance in the harshest environments and chemical exposures. Impact Resistant: Aeron molded grating and other products show superior impact resistance when compared to steel gratings. Services Offered: Design/Costing; Applicable Test Certificate; All additional component in kit form; Site Supervision if required.

Contact:

Aeron Composite Pvt Ltd

Plot 30/31, Saket Indl Estate, Opp: HOF Furniture Sarkhej-Bawla Hwy, Moraiya, Ahmedabad, Gujarat 382 213 Mob: 99331 58500 / 99099 88266 E-mail: info@aeroncomposite.com

Centering Elements

Precision Punches & Dies manufactures Mould centering elements from the best grades of High carbon High Chromium steel and also alloy steel. These products provide best quality mould alignment with extended life and reliability.

Contact:

Precision Punches & Dies 5-B, Raju Industrial Estate, Penkarpada Street Nr: Dahisar Check Post, PO: Mira, Mumbai 400 107 Mob: 77770 39765 / 77770 39632 E-mail: info@ppdejectorpin.com

INOVANCE Elevator Drive – MD 380 L

Arva Industries, an ISO 9001: 2015 Certified Company offers INOVANCE Elevator Drive - MD 380 L. Power Rating: 4.0 kW to 15 kW. 3 Phase 380/400/415 V; 2.2 kW to 7.5 kW,

3-phase 220 V. Technical Features: Supporting vector control of three-phase AC asynchronous; Smooth ride performance based on advance sensor-less vector control technology; Pre-factory default parameters setting facilitate zero parameter setting at site; Programmable DC injection braking; High starting torque: Starting torque 0-5 Hz in SVC Mode; Quick response: torque response time < 20



ms in SVC mode; Protective torque limit; Optional card: I/ O and communication card, CAN link, CAN open, PROFI-BUS-DP communication card; Rapid current limiting function can avoid frequent over current alarms; Motor overheat protection; DBU in built up to 15 kW; 10 digital inputs, 4 digital outputs and 2 relay outputs on drive shutoff for IGBT on emergency stopping; Brake logic function on drivel Light load Direction search function in ARD operation. Applications: Open Loop Elevator Drive; Emergency backup power 230 Vac UPS.

Contact:

Arya Industries

A-1532, Billeshwar Estate, Opp: GVMM, Nr: Odhav Ring Road Circle, Kathwada, Ahmedabad, Gujarat 382 415 2 079 - 2290 0235 • Mob: 99798 62717 E-mail: sales@arvaindustries.net

Tubular Centrifuge

Sruthi Agro Process offers Tubular Centrifuge. A continuous high speed centrifuge for continuous separation of

two immiscible liquids having different specific gravities. Certification of liquids with small percentage of solids. Applications: Pharmaceutical, chemical and edible oil industries. Sruthi Agro's products range includes: Sparkle Filter, Candle Fil-



ter, Polishing Filter, Vertical Pressure Leaf Filter, Horizontal Pressure Leaf Filter, etc.

Contact:

Sruthi Agro Process 11 Modern Indl Estate, Waliv Phatta, Sativali Vasai (East), Dist: Thane, Maharashtra 401 208 **2** 0250 - 320 8273 / 248 1095 E-mail: sruthiagro@rediffmail.com

GAS ANALYSERS SO₂% MEASUREMENT SOLUTION FOR JUICE AND SYRUP SULPHITATION **Online Zirconia Ambient Air Oxygen Analyser Dilution Based Quality Monitor** (Unheated Probe) CEMS ACE 10000XX DP ACE 10000 AAQ ECO **ACE 2000 UHP** Food Ripening Analysers ACE 10000 XX CEMS ACE 60 FR **Dust Monitor**



Dust Monitor Double Pass Transmissiono Meter ACE 10000 OTPT

Online Zirconia Oxygen Analyser (Heated Probe) ACE 2000 HP PORTABLE ANALYSERS

VAYU

Single Pass

Transmissiono Meter ACE 10000 OT



Handheld Combustion Analyser

Incubator

Handheld Analyser Carry Case Coal for Testing Flue Gas Analyser Testing Analyser Gas Emissions ACE 9000X CGA





DEALERSHIP ENQUIRIES SOLITED

Burners

Suntec Energy Systems supplies a range of Burners like Bakery Oven Burners, Light Application Burners, Modulating Burners, Industrial Application Burners, Electronic Cam Burners, Industrial Dual Block Burners, High Working Temp Burners, High Modulating Ratio Burners, Air Duct Burners, etc. Suntec is an exclusive distributor for



Riello Burner in India and surrounding countries. Burners are offered to suit every need of heating like – Steam Boiler, Thermal Oil Heater, Hot Water Generator, Hot Air Generator, Textile Stenter, Bakery Ovens, High Temperature Furnaces, Kilns, Automobile Dryers and Heaters and many more. Features: Capacity range 10 kW to 80 MW; Oil/Gas/ Dual fuel Burners; Mono block/Dual block construction; Mechanical/Electronic Cam version; Easy to operate and maintain; Trouble free operation for long time; Reduced NOx Technology; O₂ regulation and VFD for blower; Burners available for preheated combustion air (up to 250°C) to improve efficiency up to 8%; Ultra Low NOx FGR (Flue Gas Recirculating) Burners; Special High Temperature, High modulating ratio, Air Duct Burners; Special Burner for Biofuel and low calorific value gases.

Contact:

Suntec Energy Systems Plot No: 56, GIDC Estate, Phase-1, Naroda Ahmedabad, Gujarat 382 330 20 079 – 2280 5529 / 5530 5531 E-mail: info@suntecenergy.in

Conveyors & Components

Moldex Corporation supplies a wide range of Conveyors and Components such as Slats in Delrin, SS, MS, Multi Directional, Universal Flex, Stackable, Min/Backline Force, Nylon, MS, SS Sprockets, Brackets + Guides, Clamps for Photo Cells, Cartonator Pockets, Tripod and Bipod, and Modular Supports.

Contact:

Moldex Corporation A-9, New Empire Industrial Estate, Kondivita Road JB Nagar, Andheri East, Mumbai 400 059 & 022 – 4015 5959 • Mob: 99200 52389 E-mail: info@moldex.in

HEFTYTM Die Springs

Lee Spring supplies HEFTYTM Die Springs, which are heavy duty metal compression springs manufactured using round

wire, specifically designed to be used as Die Springs or as heavy duty coil springs for high stress, heavy load applications. The HEFTY[™] Die Spring Series offers the economy of a round wire design and the durability



of Chrome Silicon or Music Wire material. Available in various sizes to fit most standard diameters and in five color-coded durable load ratings. HEFTYTM Die Springs are shot-peened to extend life, preset to prevent length loss in operation, and powder coated to prevent corrosion. This series is ground with closed ends to provide appropriate squareness and an adequate large bearing end surface. Contact:

Lee Spring Company India Pvt Ltd Plot No: 182, Bommasandra Industrial Area Hosur Main Road, Bommasandra Bengaluru, Karnataka 560 099 ☎ 080 – 4937 6666 • E-mail: sales@leespring.in

Heating & Heat Treating

Inductotherm Group India, having technology from Inductoheat Inc of USA, through its Heating Division, has established a reputation for engineering excellence in the

field of designing and manufacturing induction heating equipment. Inductoheat is leading the world in induction heating technologies by offering product lines ranging from general purpose machines to



custom engineered, fully automated induction heating systems. With global technical support, Inductotherm's engineering excellence has no boundaries. The product line includes heat treating for heating of pipes, tempering, annealing, bonding and brazing. Inductotherm serves a variety of industries, including Automotive, Aerospace, Industrial, Mining, Oil and Gas, Marine, Railways, Construction, Power Generation, Agriculture, Wind Energy, OCTG, etc.

Contact:

Inductotherm Group India Plot No: SM-6, Road No: 11, Sanand-II Industrial Estate BOL Village, Sabnabd, Ahmedabad, Gujarat 382 170 容 02717 - 621 000 • Mob: 93745 78586 E-mail: sales@inductothermindia.com

> Visit: www.ips.co.in to view our e-magazine

Hot Embossing Pipe Printing Machine

Umapathy Engineering offers Hot Embossing Pipe Printing Machine. It is suitable for HDPE, LDPE, LLDPE and Rigid PVC Pipes. Features: Sequential Counting Meter

operated by Cam and Zero Reset facilities; 3-digit and 4digit Sequential Counting Meter; Printing Pipe size: 16 mm to 315 mm; Brass Letters height: 36 mm to 6 mm; Hot Stamping Foils available in all colours; Printing distance on the pipe for Every one meter; Easy for Handling; Low Maintenance, parts are available at Low Cost; Power Requirement: 230 Volt single phase. The Company's products



range includes: Plastic Extrusion Machines and its accessories; PVC Cutting Machine Pneumatic Type and PVC Tilting Units; PVC Ink Printing machine, PVC Coupler cum Bending machine, PVC Short Coupler machine, etc.

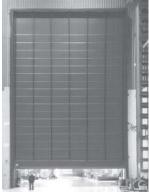
Contact:

Umapathy Engineering SF No: 38/2, Side No: 6, Kamarajar Nagar, Ganapathy Coimbatore, Tamil Nadu 641 006 Mob: 96777 53246 / 99949 25687 E-mail: umaapathy6@gmail.com

High Speed Doors

Gandhi Automations offers High Speed Doors, Prime King. It is oversized design for large openings. Features: Unique folding design and strong lifting belts, constructed poly-

ester, wear and traction-resistant can operate in the most diverse situations even in windy conditions; Galvanized Steel structure as standard, Stainless Ste-el structure, which integrates traction unit, rapid wirings and safety photocells; Reinforced flexible curtain in self-extinguishing material fitted with strong tubes to ensure proper door functioning in large openings and wind



exposed areas; Integrated motorization for very heavy duty use: 415 V three phase, opening speed up to 2.0 m/s; Resistance to wind load according to EN 12424 Class 2/3; Size up to 15000 mm (W) x 15000 mm (H). Gandhi Automations' also offers Hangar and Industrial Doors, Dock Levelers, Dock Shelters and Seals Sectional Overhead Doors, etc.

Contact:

Gandhi Automations Pvt Ltd Chawda Commercial Centre, Link Road Malad (W), Mumbai 400 064 窓 022 – 6672 0200 / 6672 0300 • E-mail: sales@geapl.co.in



Abrasive Blast Machine

Blastline India offers a wide range of portable blasting machines that are designed to cope with all types of outdoor blasting environments. Tried and tested throughout

the world, Blastline range of blast machines combines rugged efficient operation with maximum site safety. Model BL-20300 (*Pix*, *left*) is ideal for medium contractors. Blast time of approx.35-40 minutes,



Abrasive capacity: 190 kg. Specification – Capacity: 100 ltr; Height: 1061 mm; Diameter: 508 mm. The BL-24650 is ideal for professional contractors in shipyards, Oil refineries, Gas and heavy fabrication industries. Blast time is approx. 45-50 minutes. Abrasive Capacity: 380 kg. Specifications – Capacity: 200 ltr; Height: 1346 mm; Diameter: 610 mm. Blastline also offers products such as: Abrasive Metering Valves, Airless Paint Spray Machines, Airless Paint Spray Hose, Painting Guns, Accessories, Air Cooled Aftercooler, Air Receivers, Blast System Package, Blast System Setup, Hose and Couplings, Ventilation Systems, Remote Control Valve, Blast Abrasives, Bristle Blasters, etc. Contact:

Blastline India Private Limited Blastline Corporate Chambers, Pottakuzhy Elamakkara PO, Kochi, Kerala 682 026 🕾 0484 – 253 7375 • Mob: 95620 11088 E-mail: info@blastlineindia.com

Annealed Bare Copper & Aluminium Rectangular & Round Wires

K Patel Metal Industries Private Limited, an ISO 9001: 2015 Certified manufactures Annealed Bare Copper and Alumin-

ium Rectangular and Round Wires. Copper: As per IS 1987 Half Hard or Annealed; Size Range: 6 to 80 sq. mm, Width: 4 mm to 20 mm; Thickness: 1 mm to 6 mm; Copper Round Wires: Half Hard or Annealed; Size Range: 0.500 mm to 6.000 mm.



Aluminium: Hard, Annealed Size Range: 6 to 90 sq. mm; Width: 4 to 20 mm; Thick: 2 to 7 mm; Aluminium Round Wire: Hard, Annealed: 2 mm to 6 mm; and as per customer specifications.

Contact:

K Patel Metal Industries Private Limited 505 B-Wing, Eureka Tower, Mindspace, Off Link Road Malad (West), Mumbai 400 064 窓 022 – 4882 2900 / 5062 2900 E-mail: sales@kpwires.com

Stability Chamber/Humidity Chamber

Hally Instruments supplies Stability Environmental Test Chambers that are designed and fabricated to work as per ICH guidelines and various IS Standards application in the

growing fields of Pharmaceuticals, Medical, Agricultural, Industrial, Research Laboratories, Metal Treatment and Various industries. It has a cutting edge technology to challenge and maintain climatic conditions above freezing whatsoever and wherever



you need. Features: Storage conditions of $25^{\circ}C/60^{\circ}C$ RH, $40^{\circ}C/75^{\circ}C$ RH, $30^{\circ}C/65^{\circ}$ RH; Precise monitoring of temperature and humidity conditions; PUF insulation to eliminate void pockets; Powerful fan motor for forced air circulation to maintain uniform conditions inside chamber within permissible limit; Heating by long life SS tubular heaters; Hermetically sealed Compressor with CFC free refrigerant; Safety devices: low and high temperature cut-off settable thermostats; Microprocessor based auto tuned PID controller and LCD; Imported Sensor 0 to 100% RH, Accuracy of $\pm 2\%$; Calibration and on site Validation; Chamber calibration port on side, adjustable trays; Available capacities 100, 200, 300, 400, 500, 600, 800, 1000 and 2000 liters or can be customized as request.

Contact:

Hally Instruments Unit No: 112, Vasupujya Industrial Estate, Off Link Road Goregaon West, Mumbai 400 104 窓 022 – 2876 9100 • Mob: 93221 19190 E-mail: hallyinstruments2006@gmail.com

House Wires/Building Wires/Jainflex-FR

Jainflex Cables offers House Wires/Building Wires, Jainflex-FR. The features are: these cables are used for wiring

domestic and commercial buildings. The multi strand / solid conductors make it ideal for concealed wiring; it is suitable for installation in lighting fittings and applianc-



es up to 1100 v (A.C). Its features include: excellent mechanical and electrical properties; high flame retardant properties; longer flexible life; steam and boiling water resistant. The company a name that is enjoying its stance of distinction in the field of wires and cables since past 20 years, is dedicated in improving the safety measures for our customers.

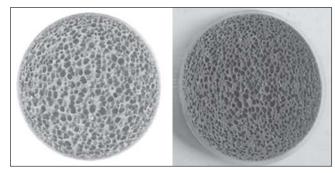
Contact:

Jainflex Cables Pvt Ltd

A-2/1, Sabarmati Industrial Society, B/h: Guru Cold Storage Highway Road, Sabarmati, Ahmedabad, Gujarat 380 005 쭙 079 – 2770 1899 • Mob: 98985 33000, 98984 01000 E-mail: sales@jainflex.com

Advanced MBBR Transchip^{3.0} Media

Transcend Cleantec Pvt Ltd offers Advanced MBBR Technology Transchip^{3.0} media in association with Muztag Germany. Its Characteristics – Increased Surface Area: Larger surface area = potential major bacterial growth in the pores of the carrier media, which results in a higher concentra-



tion of biomass that leads to reduced volume requirements. Reduced Energy Consumption: for aeration and mixing (compared with conventional carrier media). Security for Biomass: Security for the bacteria colonization due to the special surface with high-quality pore system. Optimal Diffusion Depth: Control of the biofilm thickness and therefore an optimal diffusion depth for substrates and oxygen. No limitation to the biological processes. Self-Cleaning: Selfcleaning carrier media which ensures a thin and always active biomass. No Dead Zones: Avoidance of dead zones, which means that the entire surface area is used for the biological processes. Long Life Material: Paraboloid shape and protection ring ensure no signs of wear and tear. Long lifetime of the material without substation. Easy Retrofit and Upgrade: Ideal to add when there is no possibility to build new tanks or no space left. All plants are easy to manage and to operate. Low Production of Sludge: Low Sludge Production due to thin and controlled biomass. Wide-Range Application: Designed to be used in all biological treatment applications.

Contact:

Transcend Cleantec Pvt Ltd S No: 37/2, Shed No: 463/1, Nr: Joshi Transformer, Narhe Taluka Haveli, Pune, Maharashtra 411 041 Mob: 86691 90129 • E-mail: info@transcendcleantec.com

Mould Bases

Orange City Alloys Pvt Ltd undertakes manufacturing of Standard Mould Bases and custom designed mould bases. The Company has the capability to manufacture mould bases from 100 x 100 to 2200 x 2200 mm; Maximum weight of 14000 kg of single block. Types offered are: High Pressure Diecasting (HPDC) Mould bases; Low Pressure Diecasting (LPDC) Mould Bases; and Trimming Die set. Contact:

Orange City Alloys Pvt Ltd 215 Small Factory Area, Wardhman Nagar Nagpur, Maharashtra 440 008 20712 – 2786 2802 / 276 0589 E-mail: enquiry@orangecityalloys.com

Copper Coated Saw Welding Wire Fourmax Saw EL-8

Fourmax Limited offers Copper Coated Saw Welding Wire Fourmax Saw EL-8. Features: Conformance: AWS A5.17/ A5.17 M: 2010: EL-8. Applications: Suitable for single or

multiple pass welding on high tensile strength steel structure like: Shipbuilding, machinery, bridges and general structures. Chemical Analysis (%) – C: 0.05-0.15; Min: 0.8 0-1.25; Si: 1.10-0.36; S: 0.30; Cu: 0.350; P: 0.030. Sizes: 1.60 mm, 2.00 mm, 2.40 mm, 3.20 mm, and 4.00 mm. Packing: 25 kg in Coil and 250 kg in M-



Pack. Other products offered by Formax are: TIG Wire, Copper Coated Saw Welding Wire, MIG Wire, CO_2 MIG Welding Wire, Flux Cored Wire, etc.

Contact:

Fourmax Limited No: 225, 226 A-Wing, Jay Ganesh Vision Akurdi, Pune, Maharashtra 411 035 Mob: 78878 81591 / 83789 66550 E-mail: info@fourmaxlimited.com



Tower Packing

Coron Enterprise is one of the leading manufacturers and exporters of complete range of Tower Packing in Plastics and Ceramics. The range includes: Tellerette Packing, Pall Ring, Super Intallox Saddles, CMR Packing, Plastic Tower Packing, Tri Pack Packing, Star flake Ring, Raschig Rings



and all types of Ceramic and PTFE Packing. Coron manufactures all types of random packing in different sizes. They are uniquely designed to increase mass transfer and process capacity to reduce pressure drops, energy consumption and hence operation cost. Benefits: Highest mass and/or heat transfer rate; Extremely low pressure drop; Free of plugging, fouling, nesting and wall channeling; Highest flooding point and lowest wetting point; Even gas and liquid distribution; No interlocking or meshing; Better particulate collection and inertial impaction; Greater liquid surface availability; More interstitial hold-up points; Renews liquid surface at no extra cost in energy; Continuous exposure of fresh liquid surface to gas flow; Non wetting surface; High column stability; Higher absorption efficiency enables to conserve energy; Used as mist eliminator also; Reduce energy consumption and hence operating cost.

Contact:

Coron Enterprise 02-Yoginath, 50-Purshottam Nagar, Productivity Road Baroda, Gujarat 390 020 Mob: 98240 54269 / 93169 99170 E-mail: coronent@gmail.com

PLC Surface Grinding Machine

Prayosha offers PLC Surface Grinding Machine Model PLC. All Table size can be available in PLC Surface Grinding machine; Fix Grinding Mode available in PLC Surface Grind-

ing machine. 3 Types of Grinding Modes: Surface grinding; Criss-Cross grinding; Plunge grinding. Conversation Automatic Wheel Dressing; Two Types of wheel dressing modes. Two Types of Graphic Conversation Auto



Wheel Dressing Mode can be executed together with 4 Grinding modes and Automatic wheel compensation. The Company's products range includes: Hydraulic Surface Grinding machines, CNC Surface Grinding machine, Double Column CNC Surface Grinding machine, accessories, etc. Contact:

Prayosha Enterprise 23 Shanti Estate, Opp: Shree Hari Estate CTM Ramol Road, Ahmedabad, Gujarat 380 026 Mob: 98250 37082 / 84900 45000 E-mail: prayosha1994@gmail.com

Flat Submersible Cables (3-Core)

Empire Cable Industries Pvt Ltd is India's leading manu-

facturer of a wide range of electrical PVC insulated wires and cables, which are used by quality conscious electrical contractors and recommended by leading consultants, architects, builders for projects, domestic, industrial and agricultural wiring for trouble free working. These connecting cables are used for submersible pump motors. These cables are manufactured keeping in mind the severe and difficult conditions in which they are required to perform. The individual conductors are made from bright electrolytic grade copper; and drawn, annealed and bun-ched properly to ensure flexibility and uniform resistance. Each of the 3 copper conductors is insulated with special PVC compound. The cores are laid up in flat parallel position. The outer sheath of the



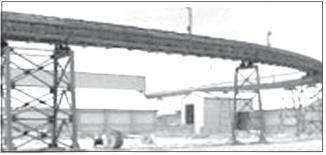
cable is made from a special grade of abrasion resistance PVC compound imperious to water, grease, oil, etc.

Contact:

Empire Cables Industries Pvt Ltd 115 Phase II, Badli Industrial Area, Delhi 110 042 🕾 011 – 2789 3424, 2386 8832 E-mail: empirecables@yahoo.co.in

Pipe Conveyor

MASYC Projects offers Pipe Conveyor. It has all the advantages over a typical conventional Belt Conveyor while adding further characteristics of having Horizontal and



Vertical curves. It can also have steep angles without any transfer points; and can convey dust as well as bigger lump sizes; and is particularly recommended in Cement industry, Power, Fertilizer, Steel and Glass Plants, etc. Contact:

MASYC Projects Pvt Ltd

23 Community Center, Mayapuri Phase-I, New Delhi 110 064 28 011 – 2811 5745, 2811 5453 • Fax: 011 – 2811 6850 E-mail: masyc@masycproject.com

Special Easy Foam Compounds

Phychem Technologies Pvt Ltd manufactures and supplies Speciality rotomoulding powder Compounds, which includes Foam Compounds, Stone Effect/Pearl Effect Pow-

ders, Rotolining Compounds, and Powders, Antimicrobial Powders, Colour Powders, HDPE Powders, etc. Features of Special Easy Foam Compounds: EF-01, EF002, EF-03: Easy to



use – Same moulds, machine, process; Uniform cell structure – more impact strength and insulation; 0% rejection; Various thickness and expansion possible; 100% recycla-

ble; Food grade foam material also available; Total technology support – 24 hr technical support for trouble shooting; Shop floor training for Operator and supervisors. Appearance: Yellowish Polymer Pulverized Powder; Grade Easyfoam EF-01; Carrier Resin: LLDPE; Properties: Regular Fine Structure Better Surface Appearance Direct Dosses; Recommended Dosage:



50% to 100% of the weight of foam layer; Recommended Process Temp: 215-230°C; Packaging: 25 kg. Advantages of foam in rotomoulded products: Insulation: Excellent insulation properties; Light Weight: Higher stiffness at lower cost; Composite Layers: Strong bonding between layers; Easy Process: Use existing equipments.

Contact:

Phychem Technologies Pvt Ltd Yashodhan, Bhausaheb Hire Housing Society Hirawadi-Panchawati, Nashik, Maharashtra 422 003 Mob: 94222 55035 / 77200 45035 E-mail: umakant@phychem.com

Signal Tower Light

Werner Electric offers Signal Tower Light. The features are: signal tower lights provide a visual indication of machine

status, enhancing operational efficiency and safety by alerting operators to changes or issues in industrial environments; and these products boasts clean and crispy design, bulletproof product consistency and intuitive builds. The company products are created by top industry leaders in me-



chanical design and with extensive feedback of user experience. They are obsessed with their customer's success and take pride in their achievements.

Contact:

Werner Electric Private Limited 278/C, Hebbal Industrial Area, Mysore, Karnataka 570 018 Mob: 73539 47299 • E-mail: info@wernerelektrik.com

Process Equipment

KEP Engineering Services Pvt Ltd, an ISO 9001: 2015 Certified Company designs and manufactures major industrial equipment with international standards. The Company

is an expert in following equipment design, engineering and manufacturing: Shell and Tube Heat Exchangers, Jacketed and Limped Type Reactors, Vessels, Tanks and Receivers, Storage Tanks and Vessels, Blowers and Air Coolers, Fin Type and Corrugated Condensers. Features: Design adhere to TEMA, ASME and GMP; Wide choice for material of construction; High durability and reliability; Less maintenance required; Internal



quality assurance system; Flexible and Compact Design; and Highly productive equipment with maximum efficiency. The Company's provides Industrial Evaporators and Dryers including best solution for ZLD, and design, engineering, and services.

Contact:

KEP Engineering Services Pvt Ltd 149/A, Toopran Mandal, Kallakal Village Medak, Telangana 502 336 Mob: 91004 44829 • E-mail: info@kepengg.com



SAP Microbac Candle Filter

SAP Filter Pvt Ltd offers SAP Microbac Candle Filter consists of elements made multi tubes of equal diameter either in metals and or plastics such as SS 304, SS 316, SS

316 L, SS 904 L Hasstelloy or P, P, PVDF and PTFE depending upon specific application. The entire element is dressed with seamless filter bag tested at high pressure. Depending upon the area worked out for enquired application. The length of the element is fixed considering installation qualification for the space provided, the diameter of the element remain the same. The possible



discharge may be dry or slurry form. The mode is back blowing the element with adequate pressure of permissible gas or liquid in process. Advantages: Safe and hygienic operation; Complete process and operator safety; Quick turnaround time; Flexible filtration rating in the same equipment; Higher cake3 holding capacity; Least pressure drop, Longer run time; Zero emission to environment. Applications: Recovery of catalysts like Nickel, Platinum, Palladium, etc.; Removal of activated carbon, charcoal in Pharma plants; Bleaching earth remove in vegetable oil plants; Resin filtration; Filtration of hazardous liquids; and all Types of Polishing filtration.

Contact:

SAP Filter Pvt Ltd

Plot No: A-5, Sector-1, The Vasai Taluka Indl Co-op Est Ltd Goraipada, Vasai (East), Dist: Thane, Maharashtra 401 208 20 0250 – 245 8982 • Mob: 93228 32377 / 91679 70201 E-mail: info@sapfilter.com

Flexnuts

Nord-Lock offers Flexnuts with features like: have been specially developed for through-hole applications. Its reactive design distributes the bolt load along many threads,

adds elasticity and prevents stress concentrations in the first few threads; this helps relieve stress concentrations and increases the fatigue life of the bolt. Since Flexnuts are reactive nuts to be used opposite our tensioners, they are



never torqued directly to achieve preload. The company has been providing customers with high-quality, safe and innovative bolting solution.

Contact:

Nord-Lock India Pvt Ltd Boomerang Building, B1-206, Yadav Nagar Chandivali, Powai, Mumbai 400 072 窓 022 – 4974 3518 • E-mail: info@nord-lock.in

PVM Performance Series Vertical Machining Centers

Upanal CNC Solutions offers PVM Performance Series Vertical Machining Centers. This Series is a cutting-edge vertical machining center, engineered for precision and effi-

ciency. With a focus on tool optimization, cost reduction, and enhanced productivity, it's a true marvel of engineering. Its robust structure ensures high rigidity and responsiveness, while ergonomic design si-



mplifies maintenance. The Performance Series Machining solutions are meticulously crafted with a strong emphasis on precision and accuracy, ensuring uncompromising rigidity. The range includes high-performance VMCs, advanced rotary tables, and precise probing systems, all integrated into vertical machining solutions that serve as comprehensive tools aimed at boosting productivity, prolonging tool life, and significantly reducing part manufacturing costs. Each product within the Company lineup is equipped with a diverse array of features meticulously engineered to ensure superior results for customers' projects, consistently meeting the most exacting tolerance requirements and reliability standards. Applications: Ideal for advanced industrial parts in Automation, Electronics, Automotive, Aerospace, and Die and Mould industries. These machines are engineered for High-Speed, High-Precision, and High-Rigidity, catering to the requirements of Automation Lines and Non-Ferrous Parts prevalent in the Electronics and Communication Industry.

Contact:

Upanal CNC Solutions Site No: 12, No: 41A/12, Opp: ABB Back Gate, 2nd Phase Peenya, Bengaluru, Karnataka 560 058 Mob: 99002 06464 E-mail: marketing@upanalcnc.com

Precision Industrial Rubber Products

Rane Elastomer Processors manufactures Precision Industrial Rubber Products using Extrusion and Moulding Process. The Company offers engineering rubber products like: Dock Fenders, Silicone Rubber Sleeves, Transparent Tubing for medical and Pharma industries, Rubber Sheets, Rubber Profiles, Gaskets, Diaphragms, Rubber Pads, Architectural Protective Rubber Guards, Speed Breakers, etc. All products are manufactured as per customer's requirements/specifications.

Contact:

Rane Elastomer Processors Gala No: 26/27, Gr Floor, Agarwal Industrial Estate S V Road, Dahisar (East), Mumbai 400 068 🕾 022 – 2848 8241 • Mob: 70218 60056 / 99306 47241 E-mail: info@ranelast.com

Photostability Chamber

Thermolab Scientific Equipments Pvt Ltd offers Photostability Chamber with Standard Features like: Interior stainless steel and exterior stainless steel finish; Fluorescent

Tubes for day light effect and UV ray in accordance to the ICH guidelines requirement of a lighting energy for 1.2 million lux hours and UV-A light for 200 watt hours/m²; Complete with standby refrigeration system in case the regular system fails; Inside observation glass door; Data logging of UV and LUX readings in the PLC along with date,



time, temperature (and humidity if selected); Automatic switch off of UV and fluorescent light when the test is over giving alarm; PLC based control system with 7" colour HMI; CFC free refrigeration system; Complete with IQ, OQ, PQ document; Operations and maintenance manuals; Works on 230 V AC single phase 50 Hz. Optional Features: 21 CFR Part 11 compliance window based communication software for data management; Humidity system with steam injection and reservoir tank with water level arrangement; Switch over to stand by humidity system in case the regular system fails; Door access security system; Mobile Alarm SMS system. Specifications: GMP Model – Inside SS 304 with mirror polish and outside with SS 304; Operating Conditions: 25°C or 25°C and 60% RH; Temperature Uniformity (Optional): ±5.0% RH.

Contact:

Thermolab Scientific Equipments Pvt Ltd Plot No: 19/20/40/41, Vasai Municipal Industrial Area U\mela Road, Vasai (W) Dist: Palghar, Maharashtra 401 207 Contemportation 20250 - 232 2164 • Mob: 88888 08300 E-mail: solutions@thermolabgroup.com

Tool Steel and Die Steel

Ventura Alloy and Steels Private Limited is a leading wholesale trader, manufacturer and importer of the best quality Tool steel and Die steel. The offered products are made using the best raw material and known for excellent quality, dimensional accuracy and fine finishing. Products include: Alloy Steels, Hot Work Tool Steels, Plastic Mould Steels, Cold Work Tool Steels, Spring Steels, etc.

Contact:

Ventura Alloy and Steels Private Limited 1201/1202 Ghanshyam Enclave Premises Co-op Socy Ltd Plot No: 856, Survey No: 33, New Link Road Kandivli West, Mumbai 400 067 🕾 022 – 3503 4301 • Mob: 98192 25666 / 85913 13565 E-mail: sales@venturasteels.com

Industrial Chain Sprocket

A M Jeewajee & Sons offers Industrial Chain Sprocket. The features are: these chain sprockets are used in machinery either to transmit rotary motion between two shafts

where gears are unsuitable or to impart linear motion to a track and tape; these sprockets are used by various industries to achieve the best results. In addition to this, the Company is providing these sprockets at leading market price. Other range of products include Industrial Chain sprocket, SKF Power Transmission sprocket, Industrial Roller Chain sprocket, Industrial sprockets, SKF Chain sprocket; and



its features include: high tensile strength; hassle free work performance; good material. The company is a manufacturer and supplier firm of the precisely engineered range of transmission chains and belts. The product portfolio includes range of transmission chain, link chain, and chain sprocket.

Contact:

A M Jeewajee & Sons Shope No: 52, Marshal House, 33/1 Netaji Subhas Road Fairley Place, BBD Bagh, Kolkata 700 001 窓 033 – 2230 0957 • Mob: 98300 59710 / 98302 70753 E-mail: amjs_52@hotmail.com



Reed Switches

Reed Switches consists of a pair of flexible reeds made of a magnetic material, and sealed in a glass tube filled with inert gas. The reeds are overlapped but separated by a small

gap. The contact area of each reed is plated with a noble metal such as Rhodium or Ruthenium, to provide the switch with stable characteristics and long life. Application of magnetic field, generated by a permanent magnet or a coil, to the reed switch causes both reeds to be magnetized. This produc-



es an N-pole at the contact area of the one reed, an S-pole at that of the other reed. If the magnetic attracting force overcomes the resistive force caused by elasticity of the reed, the reeds come in contact (Pull-In) i.e. the circuit is closed. Once the magnetic field is removed, the reeds are separated again by the effect of elasticity of the reed (Drop-Out) i.e. the circuit is opened. The sensitivity of a reed switch is a measurement of the magnetic energy required to operate the switch. The unit of measurement is Ampere-Turn (AT), which is the current in a given coil, multiplied the number of turns on the coil. There are 30 different types of reed that include: General application, high power, high insulation resistance, low thermal emf, and mercury wetted. Reed Switches find application in vast areas like position sensing in doors; cell phones; satellite dishes, radio transmitters; microphones, automatic test equipment; copiers; scanners; appliances; security sensors; electronic energy meters; elevators/lifts; hoists, etc.

Contact:

VG Electric 27 Amrit Niwas, 2nd Floor, 165 K M Sharma Marg Lohar Chawl, Mumbai 400 002 ☎ 022 – 4006 0293 • E-mail: sales@vgswitches.com

Liquid Ring Vacuum Pump PL 904 Series

PPI Pumps offers Liquid Ring Vacuum Pump PL 904 Se-

ries. Its Suction capacity: 5000 to 22000 m³/h; Power Consumption: 110 kW to 600 kW; Maximum Vacuum: 700 mm of Hg (G). This pump is widely used in Pulp and Paper, Sugar Mill, Sugar Refinery, Power Plant and Process



industries. The Company's products range includes: Two Stage Vacuum Pump, Close Couple Vacuum Pump, Twin Lobe Roots Blower, Single Cone Vacuum Pump, etc.

Contact:

PPI Pumps Pvt Ltd 14&16-C, Phase I, GIDC Estate, Vatva Ahmedabad, Gujarat 382 445 🕿 079 – 2583 2274 • Mob: 9904 06775 E-mail: sales@ppipumps.com

Spiral Type Vibrator, CN-S Series

Ceramed Engineers offers Spiral Type Vibrator CN-S Vibrator. All features of this Spiral Type Vibrator are same as vibratory finishing machine, with the special feature of

100% separation of components. The CN-S Series: the automatic separation with a spiral type bowl. Vibratory machine uses the principle of centrifugal force to cause vibration to the work bowl thereby processing the components to the desired finish. The equipment comprises a work bowl mounted on a rigid base frame. Ceramed's vibro machine uses a powerful imported vibratory motor, made



of special grade casting and heavy duty spherical roller bearings. Springs are provided between the work bowl and the base frame. During operation, a mass of components along with a suitable ceramic media and chemical compound is introduced into the work bowl, the whole mixture rotates inside the bowl in a spiral and rotary motion causing the ceramic media to rub against the components continuously thus imparting the desired finish to the components. Main features: Heavy Duty flange type vibratory motor with adjustable amplitude for fast and effective process; Hot poured polyurethane lining with 12-18 mm average thickness and the hardness approximately 75-80 Shore A for long life. Raw materials and components used and quality standards employ for manufacture, ensure trouble free performance.

Contact:

Ceramed Engineers Limited B-67&68, 3rd Stage, Peenya Industrial Estate Bengaluru, Karnataka 560 058 🛱 080 – 2836 0924 • Mob: 91645 04222 E-mail: sales@ceramedengineers.com

Parallel & Woodruff Keys

R K Engineering manufactures and offers parallel and woodruff keys. Parallel keys are manufactured as per IS: 2048/

83 and Woodruff keys as per IS: 2294. These are made from EN-8/9 mat-erial in soft condition. They can also be made from SS-410 and SS-316. The keys are used in in-



dustries like automobile; textile; machine tool; motor and pump; and cement industries, etc. Also offered are nonstandard keys to suit customer's requirements.

Contact:

R K Engineering Co 12 Nanik Motwane Marg, Opp: HDFC Bank Fort, Mumbai 400 023 ☎ 022 – 6610 4058 • 92210 47336 E-mail: rkenggcomp@gmail.com

Metallic Bellows

RMS Corporation offers Metallic Bellows. The features are: this metallic bellows are the expansion controls in pipelines, ducting and vessels which carry hot or cold fluids

or which are exposed to large variations in temperature is a major problem confronting designers, consultants and users; these bellows offer controlling the forces as well as stresses related to increasing as well as decreasing dimensional changes be-



cause of thermal contraction or expansion in the structures which involve ducts, vessels, piping and other end forms which are then transmitted to anchors and connected equipment; and its features include: superior quality; light weight; reliable functionality. The company established in 1978, is a retail dealer, wholesaler, trader and distributor of anti-vibration mounting, pump anti-vibration mountings, rubber bellows and many more which eliminates vibrations.

Contact:

RMS Corporation

B-313, Virwani Indl Estate, Off Western Express Highway Opp. Oberoi Mall, ITT Bhatti, Hanuman Tekdi Goregaon, Mumbai 400 063 Mob: 93238 04063, 91672 45537 E-mail: rms_corp@vsnl.net

Pump Seal

Global Sales & Engineering Company offers a wide range of Pump Seal. The features are: pump seal are used in pumps to avoid the leakage from DE and NDE side of



pumps. It can customize the seals as per client's requirement or they can manufacture as sample provided by client; pump seal is also the regular requirement for industry as seal life is about 1 year. After that Pump Seal needs to be replaced with new one. Also they can recondition or modify the pump seal old seals. The company established in 2011, is engaged in manufacturing, supplying and exporting a wide assortment of engineering products. The range includes mechanical products, instrumentation products, electrical products, etc.

Contact:

Global Sales & Engineering Company Ashirwad Palace, Plot No. 2, Nelco Society Main Road Parsodi, Subhash Nagar, Nagpur, Maharashtra 440 022 Mob: 77678 17732, 77678 17731 E-mail: globalsalesengineering@gmail.com

Battery Cables

Q-FLX Wires & Cables offers Battery Cables. The features are: Q-FLX wires & cables is supplying a wide range of battery cables and ignition cables for use in heavy duty

vehicles like buses, trucks, tractors, earthmovers etc. for the purpose of lighting, igniting, wiping, battery starter, steering column, horn, signaling, etc.; Q-FLX battery cables and ignition cables are manufactured with bright annealed



high conductive electrolytic copper conductor conforming to the requirements of IS:8130/BS 6360 and insulated with specially designed dielectric grade Q-FLX brand PVC compound as per IS:5831 / BS 6746 which is impervious to water, oil, petrol, acid and greases. The company is engaged in the manufacture of wide range of quality wires and cables of high performance with the back-up of excellent track record and team of technical experts.

Contact:

Q-FLX Wires & Cables 138 & 179, SIDCO Industrial Estate Ambattur, Chennai, Tamil Nadu 600 098 Mob: 98845 22777, 70107 53367 E-mail: enquiry@qflexcable.com



Chemical Process Pump PCPS Series

Chemical process pump is an important device for handling of hazardous chemicals in industries. Whether conveyance or use in chemical reactions, chemical products need to

be handled efficiently and with care in order to avoid any kind of damage or corrosion occurring at the working place. Chemical process pumps of PPI Pumps Pvt Ltd are the absolute solutions for handling of corrosive



or hazardous chemicals in pharmaceutical, chemical and process industries. Available in 1 m³/hr to 100 m³/hr capacities, these are high performance ISO pumps and are compatible for work with different kinds of corrosive liquids. These pumps are available with different kinds of sealing solutions including single mechanical seal for non-corrosive to moderate corrosive liquids; double mechanical seal to handle low flows of abrasive chemicals; bellows seal for handling highly corrosive liquids at extreme temperatures; and cartridge seal for ease of maintenance while handling moderate corrosive liquids. High performance with minimum maintenance and less energy consumption is what PPI chemical process pumps are designed to provide for a much longer period of time for efficiency in industrial processes.

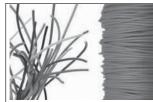
Contact:

PPI Pumps Pvt Ltd 14&16-C, Phase-I, GIDC Estate, Vatva Ahmedabad, Gujarat 382 445 🕿 079 – 2583 2274 /3251 6741 Mob: 99040 67775 • E-mail: sales@ppipumps.com

PVC Insulated Wires & Cables ZHFR

Sanatan Cable Industries, offers PVC Insulated Wires and Cables ZHFR. Features are: the insulation is of superior

quality, 100% PYC free and eco-friendly; in case of a fire situation ZHFR wires does not emit toxic or poisonous fumes, which enables safe evacuation; these wires are best suited for wiring in hos-



pitals, hotels, business establishments and high-rise buildings where fire can be detrimental. The company is in a prominent position in this domain. Indulged in the field of manufacturing, wholesaling and supplying electric cables and wires, they have managed to reach the pinnacle of success.

Contact:

Sanatan Cable Industries Mahalaxmi Industrial Estate, Plot No: 59/F/1-A/1/A Phase I, Vatva GIDC, Ahmedabad, Gujarat 382 445 Mob: 98251 90972 • E-mail: info@sanatancable.com

Worm Reduction Gear Box

Shacon's worm reduction gear boxes incorporate advanced designs and are manufactured by specialized techniques. Standardised sizes developed facilitate interchangeability

of gear boxes and spares. Features: Design – Gear boxes incorporate worm gearing that conforms to National/International standards. Derived from Company's experience and based on the development efforts of their engineers, valuable modifications have been incorporated to obtain rugged, silent, efficient and long last-



ing gearing. Generously sized bearings and shafts sustain external loads and increased life of gear boxes. Box type gear case with ribs used in Shacon gear boxes have proved to be capable of handling heavy duty loads and highly efficient to radiate heat thus increasing power transmitting capacity of the gear box. Worm Shaft: selected steel is used for worm shafts for increased strength and life. Precision machined involute thread form used make gearing more efficient and silent running. Worm wheel: smaller worm wheels are of single piece construction and made out of chilled cast high grade phosphor bronze. Larger size worm wheels are made out of centrifugally cast high grade phosphor bronze rims shrink fitted on CI center and positively secured by special pegs. Finely distributed and refined grains of bronze matrix give high impact strength, reduce friction and subsequent heating and increase life of gearing. Worm wheel teeth profiles are generated by specially developed Hobbing and Reaming cutters to obtain true conjugate action between worm thread and worm wheel teeth thus ensuring high load carrying capacity, silent running and efficient power transmission. Each and every worm wheel is inspected on a specially developed gear checker to ensure adherence of quality standards and interchangeability between any worm and wheel of that size and ratio. Specialized assembly methods used to obtain optimum tooth bearing contacts and proper bearing perloads for actual conditions of the gear boxes when in service. Output Shaft: this is made out of quality plain carbon steel and precision machined. Rationalised metric sizes of shaft extensions are available as standard. Gear case: it is made out of fine quality cast iron and accurately machined with the help of jigs and fixtures to ensure accuracies of important parameters ease of maintenance and interchangeability of spares. Bearings: Generously sized dual purpose bearings are used to sustain gearing and external shaft loads for longer life. Lubrication: Gear boxes have built-in splash lubrication system.

Contact:

Shacon Engineering Co 14 Veena Dalvai Industrial Estate S V Road, Oshiwara, Jogeshwari (W), Mumbai 400 103 ☎ 022 – 2678 1566 • Mob: 98203 54615, 99870 47040 E-mail: shaconeng@gmail.com

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- Precision Limit Switches
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- Heavy Duty Limit Switches
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Branch Offices

West - Mumbai MOB : 9323890085 E-mail : essen_mumbai@essendeinki.com

South - Bengaluru MOB : 9845082841 E-mail : essen_blr@essendeinki.co South East - Hyderabad MOB : 9866500285 E-mail : essen_hyd@essendeinki.com East - Kolkata MOB : 033-40681147 E-mail : essen_kolkata@essendeinki.co

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December 2024

Industrial Products Source

Packing Machines

Ace Pack Machines offers Packing Machines of Collar, Auger Types for powder packing, Cup type for granules

and Weigh Filling for granules and chips, snacks, etc. Packing Range: 5 g - 2 kg; Packing Speed: 50 -100 pouches/minute; Power: 3.2 HP + 2500 W Heater, 3phase, 415 V Power supply; Side Feeder (Optional): SSW304 Hopper and Screw Feeder, Driven by 2 HP-1440 - 3 phase, Induction motor



with Gearbox – Chain Drive supported by MSA Fabricated structure. The Company's products range includes: Automatic Roasting Machine (Drum Type), Blending Machines, Pulverisers, etc.

Contact:

Ace Pack Machines

23 VN Industrial Estate, Bharathi Colony, Peelamedu Coimbatore, Tamil Nadu 641 004 🕿 0422 – 434 9306 • Mob: 93632 48100 / 93633 48100 E-mail: acepackmachines06@gmail.com

Twin Screws

Kaivanya Extrusion Technik offers Twin Screws from 25 mm dia to 200 mm and length up to 6000 mm. The screws are made from Nitroalloy steel (AISI 4340 Nitralloy 135 M), Stainless Steel (304, 316, 416, 17- 4 pH), Tool Steel and CPM Tool Steel. Twin Screw and Barrel Applications – Higher proportion calcium powder is used in the parallel/



conical screw process. Based on this fact, Kaivanya manufactures the best configured screw according to the client's requirements. So the best plasticization status and blending quality are achieved. New configured screws, which can be applicable to process PVC sheet, plate, piece, pellet, mould, high foaming, are developed by Kaivanya Factory. Also anticorrosion and wear resistant materials are developed to better the life and enhance productivity.

Contact:

Kaivanya Extrusion Technik 2905 Phase IV, GIDC Vatva, Ahmedabad, Gujarat 382 445 20 079 – 2273 0465 • Mob: 99798 79160 / 94260 79160 E-mail: kiran@kaivanyaextrusion.com

Metal Detector & Inductive Proximity Switches for High Temperature

Gebrueder PG offers Metal Detector System 3000, which is designed to detect medium and larger size unwanted

metals. It has effective means of adjusting sensitivity. It is the most reliable Sensor in the world of stone crushing machines, vibratory feeders and wood chipping machines. If the metal parts go undetected it would destroy the expensive machines. The system comprises Detector Coil, Amplifier Unit and Pow-



er Isolation Unit. The system will ignore other disturbing parts and members of structure in neighborhood and will ensure to sense only the metal parts that are in motion. Proximity Sensors suitable for high temperatures of up to 2500°C, is yet another reliable product of Gebrueder's Principals EGE Elektronik. The products are available in different sizes in temperature ranges of 1200°C, 1600°C, 2000°C and 2500°C. Sensors for demanding environments for sensing long range of up to 250 mm, analog output, tropical series, resistant to rolling oil, climatic proof IP 68, resistant to hot steam, detergents etc. Further, another series of Proximity Switches suitable for Ex zones in different sizes are also available.

Contact:

Gebrueder PG 303 Ashirwad Industrial Est. 3, Ram Mandir Road Goregaon (W), Mumbai 400 104 Mob: 89280 16265 / 99679 61372 l E-mail: gebrueder@yahoo.co.in

GARTHANE^RU-Seal

GARLOCK offers heavyduty seals for reciprocating and rotating equipment in a wide range of applications. The GARTHANE U-Seal is Tough urethane seal with



excellent tear and abrasion resistance; withstands a wide range of temperature, pressures and chemicals, ideal for plungers, pistons, rams and rods.

Contact:

GARLOCK India Private Limited Plot No: 21, S Block, MIDC, Bhosari, Pune Maharashtra 411 026 ☎ 020 – 3061 6607 • E-mail: sales.india@garlock.com

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Graphite Block Heat Exchangers, BCAHEX

Blast Carboblocks offers BCAHEX Graphite Block Heat Exchangers. This design is most used by all CPI the world

over in the current century. By now it has become a proven work-horse and Operator's choice and Designer's Delight. Postures: Vertical Unit. Advantages – L /D Ratio: 300 mm / 8 mm; Turbulence: High at even low flow velocities; Scaling: Least due to high turbulence; UD/Fouling Factor: Least; Surface Area requirement: Least; Handling: Robust due to solid block support for the drilled hole type of tube; Maintenance: Easy cleaning of channels. Globally, BCPL is the only Corpo-



rate Body, manufacturing BCAHEX graphite blocks specifically for Chemical Process Industries.

Contact:

Blast Carboblocks Pvt Ltd

505 Persipolis, Sector-17, Vashi, Navi Mumbai 400 705 2022 – 278 2927 • Mob: 93245 03082 E-mail: info@blastcarbo.com

Steam Jet Ejector with Shell & Tube Type Condenser

Jet Vacuum Systems Pvt Ltd offers Steam Jet Ejector with Shell and Tube Type Condenser. This type of condenser has a shell with a bundle of tubes inside. Two fluids of different temperatures, run inside the condenser, one in



the tube and another outside the tubes, and heat is transferred from one fluid to another. The fluids can be liquid or gases, depending on the process. Installed at barometric heights; no moving parts involved; capable of handling high non-condensable loads; occupies relatively more space; high capital costs as initial investments are high; due to the type of condenser involved, the cooling water does not get contaminated; steam and vapor condensate recovery is possible. The Company also offers Steam Jet Ejector with Water Jet Ejector, Steam Jet Ejector, and Steam Jet Ejector with Direct Contact Condenser, etc. Contact:

Jet Vacuum Systems Pvt Ltd Plot No: 5/5A/6, Shah Industrial Park-1 Manjusar-Savli Road, Vadodara, Gujarat 391 775 Mob: 63588 60113 • E-mail: info@jetvacuumsystems.in

User-friendly & Intuitive CNC Lathes

Tussor Machine Tools India Pvt Ltd offers User-friendly and Intuitive CNC Lathes in different models. The SE Series combines the working capacity of the conventional

lathe with the advantages of the CNC. The SE machines are easy to use, ideal for the realization of short series, prototyping or educational centers, thanks to Siemens or Fagor



controls that allow programming in both ISO and conversational language. The CNC lathes of the SE Series are precise, robust, and are also characterized by their high cutting capacity thanks to the head with electronic speed variators and the high torque supplied by the gearbox with three speed ranges. Standard Equipment: Siemens 808D Control; Linear and solid Path Graphs; Electronic hand wheel for X and Z axes; Head stock with electronic speed variators 3 ranges; Reducing bush of main shaft and dead center; Dead center for tailstock; Manual quick-change tool post; Automatic guide lubrication system; Refrigeration equipment; Complete guarding enclosure; Cast Iron pedestals; Precision Levelers; Working light; Instruction manual; Verification Standard DIN 8605 CE Standard. Contact:

Tussor Machine Tools India Pvt Ltd SF No: 413/2B3, Avinashi Road, Thekkalur Village Avinashi Taluk, Tirupur, Tamil Nadu 641 654 ☎ 75400 66183 • Mob: 95666 18525 / 80476 31696 E-mail: finance2@tussorindia.com

Belt Conveyor BC Series

Auxicon Plast Tech LLP is a leading manufacturer of plastic ancillary equipment offers The BC Series is designed for the movement of products after the robot removes them

from the injection molding machine, improving production efficiency and protecting the product from being out of shape. The Company's products range includes: Hot Air Dryer, Hopper Loader, Volumetric Feeder, Master Batch Dosing System, De-



humidifier, Vertical Batch Color and Worm Type Mixer, Gravimetric Blender, Mold Rack, Air Cooled Water Chiller and Water Cooled Chiller, Mould Temperature Controller, Lumps Cutter, Flake Cutter, etc.

Contact:

Auxicon Plast Tech LLP

79 Vibrant Platinum Ind Park, Zak-Kadadra, Vill: Kadadra Tal: Dahegam, Dist: Gandhinagar, Gujarat 382 305 Mob: 97263 38355 • E-mail: auxiconllp@gmail.com

THINK SAFETY THINK (KUSAM-MECO



NO. 1 FOR HIGH SAFETY **TEST & MEASURING INSTRUMENTS**



KM-PM-237C



FEATURES:

• Display : 4 Digit LCD Display

• Size : 96 x 96 mm

• FUNCTIONS :

System : 3P4W 4CT, 3P4W 3CT, 3P3W 3CT,

Current Input: 0 ~ 5AAC (max. 7A)

· Measuring Range : Varies with instrument

3P3W 2CT, 1P3W, 1P2W.

Application : Power Analysis, Energy Management.

DIGITAL MULTIFUNCTION TRMS PROGRAMMABLE POWER METER MODEL- KM-PM-237C / KM-PM-337C

Multifunction Power meters is suitable for Control Panels, Monitoring Power & Control in 36 3wire & 36 4wire systems. Current, Voltage, Power, Energy & Harmonics measurement.

FEATURES :

- Display : 4 rows, 4 Digit LCD display with backlight.
- Size : 96 x 96 mm
- FUNCTIONS :
- Voltage :
- 0 600V AC phase to phase (Max 0 720V AC) - Current :
- Input : 5A (max 7.5A) or Input : 1A (max 1.2A)
- Input Frequency: 45 ~ 65Hz
- Response Time : 500ms

DATA DISPLAY

Instantaneous Value :

- Power Factor : Including power factor PF and fundamental power factor DPF.

· Phase voltage : U1,U2,U3,AVG

Line voltage : U12,U23,U31,AVG

Grid frequency : F1,F2,F3,Σ (Total)

• Displacement Power factor DPF :

DPF1, DPF2, DPF3, 2(Total)

- Active power : P1,P2,P3,Σ(Total)

Reactive power : Q1,Q2,Q3,Σ(Total)

Apparent power : S1,S2,S3,Σ(Total)

- Current : 11,12,13,AVG,In

- MEASURING DATA :
 - · Harmonics : The total harmonics of each phase of voltage and current
 - · Phase Voltage : U1, U2, U3 and average value.
 - · Line Voltage : U12, U23, U31 and average value.
 - Current : 11, 12, 13 and average value.
 - · Power : Active power, Reactive power, Apparent power (total and per phase).
 - · Energy : Active energy import, active energy export, reactive energy import, reactive energy export. apparent energy.
 - Communication : RS485

KM-PM-337C



transformer parameters

- Voltage measurement : 0 600V AC phase voltage
- Max measurement : 720V AC phase voltage

KUSAM-MECO

Shop No.18, 1st Floor, CIDCO Shopping Complex, Plot # 9, Sector-7, Rajiv Gandhi Marg, Sanpada, Navi Mumbai-400705. Sales Direct : 09594058456, 9594057456 E-mail : sales@kusam-meco.co.in Website : www.kusamelectrical.com

Industrial Products Source

Circular Sawing Machines

Indotech Industries (I) offers Circular Sawing machines with auto loaders, which are used in diverse industries for cutting up bars and tubes. The circular sawing machines

are specially designed for high rate of production and more accuracy. Available in semi-automatic, fully automatic and numerically controlled versions, the machines feature simple controls and robust construction. Specifications of Model CS 65 – Cutting Capacity



Round: 10-65 mm, RCS: 20 x 20 to 50 x 50 mm; Main Motor Capacity: 10 HP; Hydraulic Pump Motor: 02 HP; Blade Speed: 40-160 m/min; Saw Blade Size (T: Kerf: Thickness): ϕ 250 / ϕ 285; Blade Feed: Servo motor and ball screw; Loading Table (W x L): 1000 x 6000 mm; Bar Feed: Servo motor and ball screw; Automatic Feed Length: Single Feed 900 mm max. Multiple Feed-Possible; Automatic Chip Conveyor: Screw Type; Cooling: Air Compressed Oil Mist; Machine Weight with Table: 3200 kg; Floor Space – Without Autoloader: 2100 x 1850 x 1800 (L x W x H) mm, and with Autoloader: 8200 x 1850 x 1800 (L x W x H) mm.

Contact:

Indotech Industries (I) Pvt Ltd Survey No: 47/2 & 47/3, Gram Bardari, Post Hatod Sanwer Road, Indore, Madhya Pradesh 453 111 20 0731 – 664 9777 (30 lines) E-mail: info@indotechmachines.com

Scaffolds

Youngman India, with its experience of over 100 years in the UK, rents world class scaffolds, helping reduce height

accidents and improve productivity. The scaffolds made of Aluminium and FRP, are extremely robust and easy to build and dismantle as well. Rigid and Robust Construction; Safety Certification BS EN1004: 2004; 6082T6 Aluminium Grade; 3T – Through the Trapdoor build method; Ribbed rung tubing for increase grip; Integrated ladders with 0.25 m climb rung spacing.



The products range includes: Bridge Scaffolds, Cantilever Scaffolds, Stairway Scaffolds, Hanging Scaffolds, Ladders, Warehouse Ladders, Façade System, Suspended V Deck Platforms, etc. Also provides Industrial Project Management and other Industrial Solutions.

Contact:

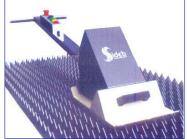
Youngman India

Plot No: 14, Ecotech 1 Extension, Kasna Road Greater Noida, Uttar Pradesh 201 305 Mob: 90159 64626 • E-mail: info@youngman.co.in

SIDEB Slag Cleaner & MONSTER Slag Cleaner

AMC represents DORAY Makina, a Turkish brand to sale Slag Cleaners for India and Asian Countries. Features/ Advantages of SIDEB Slag Cleaner (*Pix, top*): A perfect

solution to remove the slags from Laser slats; Quality product in its segment; Useful for Lasers and Plasma on oxygen cutting; Faster and Effortless cleaning; Easy to handle; Increased life of slats, protective lenses and nozzles; Lesser



Downtime; Increased productivity. The MONSTER Slag cleaner is a high-power slat cleaner, which cleans the slags accumulated on laser and plasma slats. Specially designed

for High Power Lasers and Nitrogen cutting slags deposited, which are difficult to remove with normal slag cleaner. MONSTER is powered with a very strong



2.2 kW-6600 rpm motor. Which is supported with a robust gearbox that transmit the motor power to the breakers. Thanks to its structure and breaker design, MONSTER can even clean 30 kW mixed gas laser slats without any issue. Thanks to Plug and Play design, also it is easy to replace the arm with socket and screw and electrical connections. Contact:

Aaroh Machines and Components Pvt Ltd Naad Brahma Society, 2-A Sitar Wing, Flat No: 13 Warje, Pune, Maharashtra 411 058 Mob: 98600 88939 E-mail: marketing@amcpltd.com

Single Core Insulated Copper Conductor Cable

KEI Industries Limited supplies Single Core Insulated Copper Conductor (Unsheathed) Flexible Cable, 1100 Voltage Grade for Industrial application. It has higher safety fac-



tors; Compact construction; Choice of superior insulation system for meeting IEC classification, temperature rise, protection, etc. Construction – Conductor: Plain annealed copper conductor as per IS: 8130; Insulation: Primary – Natural Type-A PVC; Colour: As per IS: 694. Any other colour on specific request can also be supplied. Subject to the economical run.

Contact:

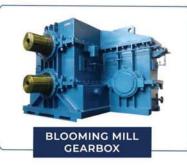
KEI Industries Limited D-90 Okhla Industrial Area, Phase-1, New Delhi 110 020 窓 011 – 2681 8840 /2681 8642 • E-mail: info@kei-ind.com





SHANTHI GEARS OFFERS CUSTOMISED MECHANICAL POWER TRANSMISSION SOLUTIONS FOR ALL INDUSTRIES GLOBALLY

INTEGRATED TRANSMISSION SOLUTIONS







RAW MATERIAL

- Ferrous SG iron and grey iron castings weight upto 1500kgs
- Non ferrous centrifugal casting weight upto 500kgs



GEAR CUTTING

70+ Qualified engineers

In house R&D facility

DESIGN

- Distance in the second second
- 🔅 Gear cutting upto 3.2 meter OD

🌣 In house technical training center

- Spiral bevel cutting upto 1 meter OD
- 🔅 Gear shaping upto 1.6 meter OD
- 🔅 Turn Mill Center up to 2000mm Turning length



GEAR FINISHING

- 🌣 Gear grinding Internal helical and spline grinding facility to maximum of 2.4 meter dia & 25 module
- 🔅 Worm grinding
- Bevel grinding An integrated CAGE & G-AGE software tools

Services for Gearbox Refurbishing

- Onsite condition monitoring and preventive maintenance needs
- Measurement of internals of any size gearbox and supply of spares
- One to One replacement of any application gearbox

Nadcap ACCREDITED ve Testing (NDT) ting (HT) AS91000



CONTACT US

Shanthi Gears Limited, C Unit, Avinashi Road, Muthugounden Pudur Post, Coimbatore - 641406 Tel: +91 422 4545745 | Fax: +91 422 4545700 | Email: info@shanthigears.murugappa.com Web: www.shanthigears.com

Certification



SCADA control Heat treatments - Vacuum carburising nitriding, case / through hardening



- **QUALITY ASSURANCE**
- 🌣 CMM
- 🔅 Gear profile tester upto 1.6 meter OD

online monitoring system through

🌣 Nital etching







High Precision Thickness Gauge ITI-1600

India Tools & Instruments Co offers High Precision Thickness Gauge ITI-1600. Ultrasonic Thickness Gauges are designed to improve safety and ensure reliability of mate-

rial subject to corrosion or erosion. Corrosion gauges with their dualelement transducers are the primary inspection tool used to measure the remaining walls of components such as pipelines, pressure vessels, storage tanks, and numerous other applications. Precision gauges use single-element



transducers to provide the thinnest range and highest degree of accuracy possible. Common applications include metals and a variety of non-metals (i.e. glass, ceramic, plastic, etc.). Specifications - Measuring Range: 0.65 mm - 400 mm (up to 500 mm) (in steel); Sound Velocity: 1000~9999 m/s; Resolution: 0.01 mm / 0.1 mm or 0.001 / 0.01" selectable; Units: mm/inch (selectable); Memory: Up to 2000 Groups (up to 99 Values for each file); Accuracy: $\pm (0.5\%)$ Thickness +0.04) mm; Alarm: Preset upper and lower limit; Work Voltage: 3 V (2 AA alkaline batteries); Work mode: Single point and scan; Dimensions: 136 x 72 x 20 mm; Weight: 177 g; Display: 3.5 digit LCD with EL backlight; Continuous working period: 280 hours (with EL backlight off). This instrument is supplied with Main unit, two test probes, Data Cable, Software, Coupling oil, Battery, Operation Manual, Carrying case, and Calibration Certificate Traceable to NPL-Delhi.

Contact:

India Tools & Instruments Co 12/18 Tawa Lane, Off Abdul Rehman Street, Unity House 1st Floor, Office No: 7, P B No: 3264, Mumbai 400 003

☎ 022 – 2342 8862 • Mob: 98193 45050 E-mail: ojus_itico@hotmail.com

Thermocouples & RTD (Pt100) Sensors

Bheemas Controls supplies Thermocouples & RTD (Pt100) Sensors. Their products range includes: MI (Mineral Insulated) Thermocouple, Thermo Well, Magnetic Float Sensors, Die Head Thermocouple and Pt100 (RTD) Sensors, Contactor, OLR, MCB, MPCB, Photo Electric Sensors, Proximity Sensors, Mica Band Heater and Cross Head Heater, Nozzle Heater, Ceramic Band Heater, Tubular Heaters, High Density Cartridge Heaters, Porcelain Heaters and Elements, Industrial Ovens, etc.

Contact:

Bheemas Controls 55-D, 1st Floor, Grey Town, Dr Nanjappa Road, Opp: Church, Coimbatore, Tamil Nadu 641 018 Mob: 94431 29073 / 90420 98267 E-mail: bheemascontrols@gmail.com

Oil/Gas Fired Thermic Fluid Heater

Heatex Industries Limited offers Oil/Gas Fired Thermic Fluid Heaters. Capacity: 50,000 kcal/hr up to 1,20,00,000 kcal/hr. Operating Temp: Up to 400°C;

Fuel: HSD/LDO/Furnace Oil/ Natural Gas/LPG/Syn Gas.



The Company's products are: Steam Boilers (IBR), Steam Generators (IBR, Thermic Fluid Heated), Waste Heat Recovery Steam Boilers (IBR), Thermal/Oil Heaters, Waste Heat Recovery Thermal Oil Heaters, Hot Water Generators; Pollution Control Equipment: Multiple Cyclone Separator, Trema Cyclone Separator, Bag Filter, Electro Static Precipitators, Wet Scrubbers, etc. Also provides Turnkey projects related to steam boilers, thermic fluid heaters and hot water generators.

Contact:

Heatex Industries Limited Boock No: 436, Opp: TM Patel Processors B/h: Kesari Nandan Petrol Pump, Palsana Chowkdi Palsana, Surat, Gujarat 394 315 🕿 02622 – 265 430 • E-mail: info@heatexindustries.com

Temperature Scanner NI-SC-8/16

Nippon India's Temperature Scanner with Automatic SMD Packaging Technology, has a St4rong Anti-Jamming Capability. It can be used in conjunction with various sensors,

transmitters to display temperature, pressure, liquid level, speed, force and other physical parameters, with common alarm and RS-485



Modbus communication. Applications: Environmental Protection; Science and Education; Automation industry; Chemicals and Pharma industry; R&D Laboratory, etc. 8/ 16 Input Channel – Current Signal: ±4~20 mA Current Source; Voltage Signal: -100 ~100 V, -10 ~10 V, -1000 ~1000 mV, -100~100 mV Voltage Source; Thermocouple: R, S, B, K, E, T, J, N (Conform to NIST ITS-90 Standard); RTD Sensor: 3-wire PT-100, PT-1000 (Conform to EN 60 751 (ITS-90) Standard). Technical Specification: RS-485 Modbus Communication in 1200~9600 BPS, Data Format: One Starting BIT, Eight Data BITS and One Stopping BIT. Contact:

Nippon India

237/8 Sonal Link Ind Estate, Building No: 2 Link Road, Malad (West), Mumbai 400 064 © 022 – 4062 0000 • E-mail: sales@nipponindia.com

BULK MATERIAL HANDLING SYSTEMS PRODUCT RANGE



Mechanical Recovery Blast Room & Paint Booth System for Paper Making Machine Manufacture Industry

MEC SHOT is a renowned name in Design, Development and Manufacturing Surface Preparation, Finishing, Shot Peening Machines, Media Conveying, Blast Room, Paint Booth and Dust Collectors and Accessories. MEC SHOT,



provides services of Air Operated Abrasive Blasting / Airless Shot Blasting and Shot Peening machines to various industries in India as well as globally since 1992. The Company is pursuing ISO 14001:2015, ISO 9001:2015 and



ISO 45001:2018 standards for abrasive blasting and peening machines manufacturing as well as its products are CE marked by MQA Certification accredited with UK SAF LIMITED Accreditation Board.

MEC SHOT provides various types of Custom built Automated or semi-automated machines, Dust Collectors and





accessories to Industries for achieving different substrate finishes, surface preparation, de-burring, deflashing, peening with protection and safeguarding of working environment and human resource. The customers are finding

that MEC SHOT machines are cost effective by way of purchase or in operation.

Paper Making Machinery needs an impenetrable durable barrier to protect the steel from corrosion. These assets are large investments, and if they become prematurely corroded, impact profitability and reduce productivity.

Abrasive blasting will ensure the surface is ready for quality painting application, which lengthens the lifespan of the painting.

Recently, MEC SHOT has designed, manufactured, supplied and successfully commissioned a turnkey in-line Mechanical Recovery Blast Room and End Draft Type Paint Booth System for Paper Making Machine Manufacture



Industry that cut costs and improve both production rates. Also supplied Manual Trolley for conveying heavy and big components in blast rooms and Paint booth system.

Mechanical Recovery Blast Room Features:

- Full Floor Recovery with Bucket Elevator.
- Zero Speed Sensor in Bucket Elevator.
- Portable Blaster for Blasting.
- Cartridge Filter Type Dust Collector System.
- Manual Trolley for Job.

End Draft Type Paint Booth System Features:

- Inlet Filter of EU 5 grade.
- High Holding Andreae USA Paint Trap Filter.
- Axial Flow Fan with Exhaust hood.
- Manometer.

Contact:

Mec Shot Blasting Equipments Pvt Ltd B-14, Parshvnath Industrial Estate Yojna Khasra No: 160, Mogra Kalla, Tehsil - Luni Jodhpur, Rajasthan 342 802 Ummed Singh, Head-Marketing Mobile: 70147 31363 E-mail: mail@mecshot.com Web: www.mecshot.in

December 2024



We are Importer, Exporter, Stockist, Distributor & Suppliers forTool & Alloy - Special and Die Steels, Forging Components Spring Steel - Wire Rod, Square & Round Bars Coiled & Disc Springs, Tools Collets, Impact Sockets Etc.



Casting Heaters

Excel Heaters offers Casting Heaters. Aluminium Cast Heaters offer a high quality and efficient method of heating and controlling Extruders, Compression Molding Platens, Heat

Sealers, and Vacuum Forming Platens. The heat cool capabilities of Aluminium Cast Heaters provide high accuracy temperature control of ± 2 degrees. These precision Aluminum Cast Heaters are available in various sizes and watt densities ranging from 10 to 60 watts per square inch. Aluminium Cast Heaters are pressure casted insuring a dense porosity free casting that can been supplied with either cooling fins or seamless stainless steel cooling tubes. Aluminium Cast Heaters can be cast-



ed into any shape and size needed, thus fully covering the part to be heated and virtually becoming the part itself. Most Cast in heat cool bands are made to customer specifications. Aluminium Cast Heaters are contamination and corrosion resistant and can withstand high temperature and pressure in harsh environments with years of trouble free service. Specifications - Size: As required any size possible; Voltage: 120, 240, 380, 415 volts; Phase: Single or Three phase available; Terminations: Leads, Terminal Boxes, Screw/Threaded Studs; Machining Tolerance: 005"; Wattage: Aluminium up to 35 W/in Bronze up to 50 W/in; Maximum Temperature: Aluminium 700°F, Bronze 1400°F; Options: Holes, Grooves, Notches, and Cutouts are available. Features: High operating temperatures; Liquid cooling or air-cooling fins; Any size or shape available; Pressure casted ensures porosity free high density casting; Extremely ruled and resistant to damage; Precise and accurate control of temperature due to heat cool action; High Watt densities available.

Contact:

Excel Heaters 122 Andheri Industrial Estate, Off Veera Desai Road Andheri (West), Mumbai 400 053 🕾 022 – 2673 0888 • E-mail: bshah@excelheaters.com

Hydraulic Fittings/Tube Fittings – CS Fittings

Hindustan Hydraulicssupplies a range of Hydraulic Fittings/Tube Fittings – CS Fittings like Banjo Coupling, Bonded Copper Washer, Bulk Head Connectors, Equal Elbow, Equal Tee, Female Connector, Ferrules, Gauge Adapter, Hex Nipple, Male Elbow, Male Connector, etc. Contact:

Hindustan Hydraulics & Pneumatics New No: 265 (Old #127),Thambu Chetty St, Chennai 600 001 2044 – 2534 3066 • Mob: 98409 21885 E-mail: hhp@hindustanhydraulic.in

CNC Turning Solutions

Ace Designers Ltd manufactures CNC Turning Solutions LT-2 LM MSY. Machine Highlights: A2-6 spindle nose for both spindles; Built-in sub-spindle motor; C-axis for both

spindles; Higher power spindle motors; Heavy duty linear motion roller guideways for all axes; Y-axis with ±50 mm higher rapid traverse rates of 30 m/min in X axes



and Z axes; 12-station turret with driven tools; BMT55 tooling; Hydraulic system; Sub-spindle oil chilling unit; Hi-Low pressure brake for main spindle and sub-spindle; High pressure Coolant system: 5 bar; Centralized lubrication; 210 mm chuck for main spindle and sub-spindle with suitable cylinders; Adjustable operating panel swivels 90°; Operating door interlock; and Isolation transformer. Optional Accessories: Bar Feeder and auito0matic parts catchers; Touch Probe; Work Probe; Work piece conveyor system; Auto door; Chuck conveyor; High-pressure coolant and filtration system; Mist collector.

Contact:

Ace Designers Ltd Plot Nos: 7&8, II Phase, Peenya Industrial Area Bengaluru, Karnataka 560 058 窓 080 – 2218 6700 • E-mail: info@acedesigners.co.in

Lined Valves

Dipflon Engineering & Co, an ISO 9001: 2015 Certified Company supplies all types of Lined Valves such as Lined



Ball Valve (available in 2-way and 3-way), Lined Swing Check Valve, Lined Plug Valve, Lined Butterfly Valve (available in semi-lug and full lug), Lined Diaphragm Valve, Lined Sampling Valve, Lined Ball Check Valve, etc. These valves are available in MOC: DI/WCB/CF8;/CF8M/CF8ML. Lining Material: PFA/Antistatic (Conductive) PFA/FEP/PVDF/PP; Flange Connection: As per ANSI B 16.5/BS 10 Table/DIN Rating.

Contact:

Dipflon Engineering & Co B-413, B G Towers, Nr: Delhi Darwaja, Shahibaug Road Ahmedabad, Gujarat 380 004 🕾 079 – 2562 4003 • Mob: 98987 94440 / 92276 84378 E-mail: info@dipflon.com

Liquid Ring Vacuum Pumps & Compressor

PPI Pumps Pvt Ltd offers Vacuum Pumps in different series. These pumps are designed to handle water, liquid, air, gas, etc. They are used in industries like Paper, Sugar, Coal

washery in power plants, Mines, Chemicals, Pharmaceuticals, Fertilizer, Asbestos, Food processing, Solvent extractions, Oil refineries, Distilleries, Railways, Tyre, and Textile. Features: Wide choice of materials – Complete Cast Iron, Partial Ph. Bronze, Partial Stainless steel, Complete Stainless steel. Guaranteed shut off vacuum up to 710 mm Hg in single stage and up to 720 mm Hg in two stage at close suction considering barometric pressure of 760 mm Hg (G)





at 30°C seal water temperature. Higher vacuum can be achieved by using chilled water. Higher vacuum can be achieved by using chilled water.

Contact:

PPI Pumps Pvt Ltd

Gr Flr, G S Between Plot No: 16 & Prashant Gamatex Pvt Ltd Phase-1, GIDC Industrial Estate Vatva, Ahmedabad, Gujarat 382 445 © 079 – 4008 3251 • Mob: 99040 47775 / 99040 67775 E-mail: sales@ppipumps.com

Precision Water Chiller

Advance Cooling Systems Pvt Ltd offers Precision Water Chiller. Features: Variable Speed Compressor; Variable Speed EC Fan; Variable Speed Pump Motor; Precise Tem-

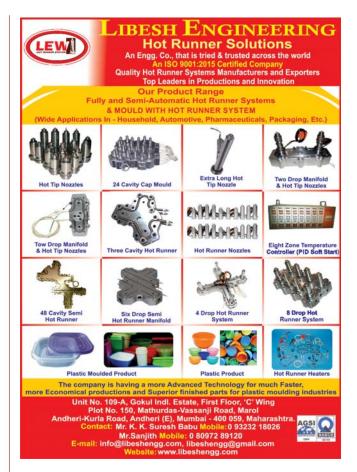
perature Control; Accuracy of $\pm 0.1^{\circ}$ C can be achieved; Wide Cooling Bandwidth to take care of load variation; Wide range of temperature sensing options including Ambient or Machine Bed; 4.3" Colour Display with Touch Screen; Predictive Intelligence; Diagnostic Features; IoT/Industry 4.0 ready; Multiple connectivity options including Modbus, Ethernet, Wifi. The Company's products range in-



cludes: Mini Water Chillers for Laser Engraving/Marking Machines; Dual Zone Water Chiller for Laser Cooling Applications; Coolant Chillers, Hydraulic Oil Chiller, Spindle Oil Chiller, Compressed Air Dryer, etc.

Contact:

Advance Cooling Systems Pvt Ltd R-424, MIDC, TTC Ind Area, Rabale, Navi Mumbai 400 701 2022 – 2764 2588 / 2764 2589 E-mail: advancecool@gmail.com





Fac. & Off. : 36-C, Sector B, Sanwer Road Industrial Area, INDORE 452 015 (M.P.) Tel. : 0731 4046226, Cell. : 09993555087, 75665 05559 e-mail : khanwalkar08@gmail.com www.khanwalkarindustries.com

December 2024

Cone Crushers & Jaw Crushers Power Packs

Fluidics Engineers offers Cone Crushers & Jaw Crushers Power Packs. Features: Clamping function; Tramping func-



tion; Lubrication function; More than 2000 power packs in cone and jaw crusher applications; Sourcing from topend OEMs including Parker, Sun, Yuken, Casappa, Hydreco, CG, AKG, Danfoss; Application engineering and design support. Also offers Paper Mill Power Packs, Steel Rolling Mill Power Packs, and Foundry Unit Power Packs. Fluidics Engineers is the largest manufacturers, and produces custom-made power packs to practically every use case in industrial hydraulics.

Contact:

Fluidics Engineers Private Limited No: 12/1 Vetri Vinayagar Nagar, Sivanandhapuram Saravanampatti PO, Coimbatore, Tamil Nadu 641 035 © 04212 – 223 6914 / 223 2920 • Mob: 98431 52346 E-mail: fluidics@fluidsmith.com

Push in Fittings & Piping System

Siemag introduces F-Line Pro Aluminium Air Distribution network from Italy, and offers a wide range of Push in Fittings and Piping System. Manufactured from finest mate-

rial the fittings are designed to be used without any special tools. These aluminium pipes are significantly thinner yet more rigid and have a very smooth internal finish thus reducing the friction resulting in better flow rates and reduced pressure drops. Additionally the fittings are designed keeping in mind the ease of installation and reduces installation time by up to 50%;



needless to mention the ease with which it can be modified if required. Siemag Industries is a certified ISO 9001: 2000 Company, established in the year 1959 primarily for the manufacturing and supplying of field power accessories especially in the field of pneumatics.

Contact:

Siemag Industries, Mumbai Mob: 84788 47821 / 31 / 91, 77188 75757, 77109 20909 E-mail: info@siemag.net

Lifting Bag Centrifuge

Ace Industries (India) Pvt Ltd manufactures Lifting Bag Centrifuge. The latest trend in solid/liquid separation is to go in for greater ease in cake handling. Filter cloth is avail-

able in the different micron size. The fabric with polypropylene, woven/non-woven polyester, nylon, cotton, etc, with strengthening strips and hook up arrangement are easily available. The ACE lifting bag system supports such filter bags. Quick and easy fixing arrangement helps in the



centrifuging. The time factor for the various operations is studied and t5his is passed on to the user at the time of installation and commissioning. The filter bag setting is precisely done so that the entire assembly is as fool-proof as the simple top discharge centrifuge. Hence 100% solid liquid separation without loss of a single solid particle in filtrate is achieved by the instant cake lifting type centrifuge. Special features and advantages of lifting bag type: the time required for cake removal is negligible; production is increased two-fold; Manual contact with cake is avoided; Cake can be easily elevated to upper stories without the use of lifts or trolleys; Cake spillage on the floor is nil; More volumetric charge per machine available; Easy cleaning of the basket in and out; Full opening of lid helps maintenance. ACE is an engineering company specialises in the design, manufacture and supply of Basket Type Centrifuge for industries like Chemical, Pharma and API for their many applications.

Contact:

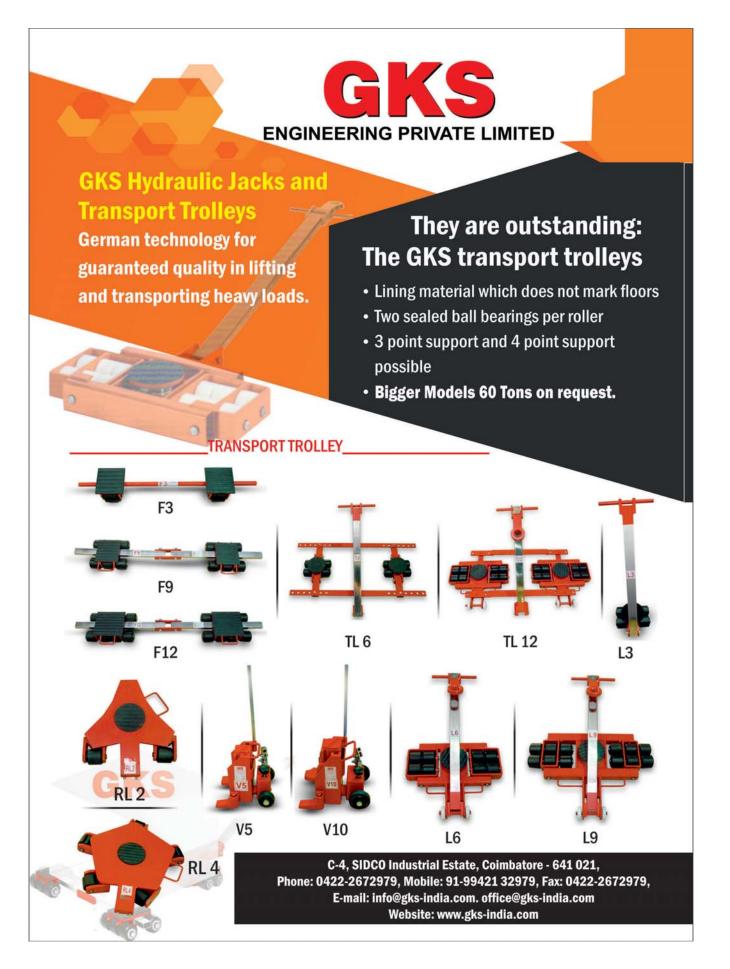
Ace Industries (India) Pvt Ltd 113 Alpine Industrial Estate, Marol Military Road Andheri (East), Mumbai 400 059 窓 022 – 4225 8000 • E-mail: sales@acecentrifuges.com

Nickel and Nickel Based Specialty Alloys

JLC Electromet Pvt Ltd, an ISO 9001 Certified Company, is one of the world's leading manufacturers and exporters of Nickel and Nickel based Specialty Alloys in Wire, Rod, Strip and Ribbon forms with presence in 50+ countries. JLC's exhaustive range of over 100+ Nickel and Nickelbased alloys are engineered in a fully vertically integrated facility with in-house melting, hot-rolling, annealing, wiredrawing, cleaning, inspection, and packaging departments. JLC also has a very strong Research and Development team which is continuously focused on new alloy development and process improvements.

Contact:

JLC Electromet Pvt Ltd E -153-A, Road No: 11-H, Vishwakarma Industrial Area Jaipur, Rajasthan 302 013 중 0141 – 233 1215 E-mail: sales@jlcelectromet.com



Fully Autonomous Material Sorting Solutions

Ishitva Innovation Center provides Fully Autonomous Material Sorting Solutions. Ishitva Robotics Systems aims at solving real-world problem of Waste by building effi-

cient solutions based on industry 4.0 tools, including Artificial Intelligence, Machine Learning and IoT. Effective sorting of the waste is currently the weakest link in creating circular value chain. Therefore, to avoid dumping and burning of the dry waste, Ishit-



va particularly focuses at creating effective and efficient sorting system to improve both quantity as well as quality of recycling activities. Their solutions use computer vision to make sorting more efficient at different stages of the waste value chain. With their proprietary algorithm 'ishitvAI', the Company has been able to achieve automated high volume and better quality sorting in fraction of time as compared to human sorting. Ishitva has one of the most comprehensive image database for waste classifications and being a self-learning tool it is enhancing its capabilities every passing minute. With a futuristic vision of revolutionizing the recycling industry, today the Company provides solutions that enable circular economy by efficient and automated picking, sorting, and segregation of dry waste materials. The solutions include SUKA AIpowered Air Sorting, YUTA AI-powered Robotic Sorting, Netra AI Vision system, and Smart bins.

Contact:

Ishitva Innovation Center 85 Alshar Industrial Park Road Changodar, Gujarat 382 210 Mob: 91064 00975 • E-mail: info@ishitva.in

Nickel /Titanium Alloys

Aries Alloys has drawn together under one roof of the total spectrum of trading, stockholding and processing activities in Stainless Steel, Nickel Alloy, Titanium Alloy, Stainless Steel Lead in the shape of Sheet, Plate, Pipe, Tube, Round Bar, Rod, Wire Road, Forged product, Welding Electrodes, Filler Wire, Flux Cored Wire, Welding Flux, Powder, Scrap, etc. The Company deals in products having wide applications in various industries such as: Nuclear and Thermal; Refineries and Petrochemicals, Oil & Gas, Surgical, Engineering & Fabrics, Valves and Pump Industries.

Contact:

Aries Alloys Shop No: 3, 327 Makharia House, Opp: 7th Lane Sardar Vallabhbhai Patel Road, Khetwadi, Mumbai 400 004 & 022 – 6666 6660 / 6615 9052 • Mob: 85915 44308 E-mail: sales@ariesalloys.com

Vision Machinery

ATQ Metro Pvt Ltd supplies a range of Vision Machines like One Touch Vision Measuring machine, Cutting Tool Inspection machine, Automatic Focusing Digital Micro-

scope, Amalgam Vision Measuring machine, Horizontal Vision Measuring machine, Laser Marking machine, Metrology Fixtures, Profile Projectors, etc. The Company also provides Services like Annual Maintenance Contract, Calibration Services, and Mainte-





nance and Repair. ATQ Metro is an ISO 9001 engineering company specialized in the field of Industrial 2D/3D Metrology, Dimensional Measurement, Reverse Engineering and Traceability. The Company offers its customers the best solutions right to the needs, using advanced technologies to create efficient inspection systems; and is committed to ensuring that all of their Products are of the highest possible Accuracy unmatched Trust and superior Quality. Also offers a wide range of products for contact and non-contact measurement used in production, quality control, manufacturing and research.

Contact:

ATQ Metro Pvt Ltd 51 Mahasainik Industrial Estate, Plot No: T-153/1, MIDC Bhosari, Pune, Maharashtra 411 026 Mob: 78754 44009 • E-mail: enquiry@atqmetro.com

GUJLON (Nylon-6)

GSFC offers GUJLON, which is available in different viscosity ranges and grades to suit the requirements of different applications. For Special applications, compounded grades are available. Moulding grades are offered in various colours – special colours can be made available on bulk requirements. For Injection Moulding Grade M28 RC. Its characteristics: Normal melt viscosity, fast cycling with fine crystalline structure. Applications: Parts like gears, electrical components, handles, instrument casings, etc. Contact:

Gujarat State Fertilizers & Chemicals Limited Fertilizer Nagar, Vadodara, Gujarat 391 750 窓 0265 – 309 3298 l Mob: 96876 93505 / 77109 68202 E-mail: smdesai@gsfcltd.com

Two-Stage Gas Burners Class III with Built-in Inverter

Nirmal Energy Limited, an ISO 9001: 2015 certified company, introduces to the Indian market new two-stage gas burners in Class III with build-in inverter manufactured by Bal-

tur SpA of Italy. With years of experience and compliance with increasingly strict regulations regarding reduction of emissions and energy consumption, Baltur has continued on the path



of innovation for which it stands out, redesigning and repositioning on the market a number of burner lines allowing it to acquire an important new share of the market. The latest in this series of research and development (R&D), the company evolved with new two-stage gas burners with built-in inverters. It is significant that the inverter uses a true Drive Control developed and patented by Baltur for two-stage and modulating burner motors. Burners conforming to: Gas directive 90/396/CEE; EMC Directive 89/336/ CEE; LV Directive 73/23/CEE; and Reference Standard: EN676. Product benefits: Major energy savings; Easy use and start-up; Excellent price to performance ratio; and one of its kind in the monoblock pressure jet burners.

Contact:

Contact:

Nirmal Energy Limited C/U/14-16 Swatang Complex, Jodhpur Village Road Satellite, Ahmedabad, Gujarat 380 015 2079 – 2692 3170 • Fax: 079 – 2692 3469 E-mail: info@nirmalenergy.com

Video Surveillance System

Vouch offers Video Surveillance System, which would help all the risks at bay. Security is a big concern these days and so the demand for reliable, innovative, secure

solutions is scaling high. The importance of having video surveillance cannot be underestimated ever because of the coun-tless issues that happen in the daily business mundane. No doubt the importance



of these measures cannot be underestimated, but none of these can't equalize or surpass the importance of video surveillance. The company is a distinctive wholesaler, supplier, distributor, trader and retailer of high quality security and automation solutions. Their products range includes CCTV system, fire alarm system and access.

Vouch Protection Services Pvt Ltd V Tower, Khasara No: 68, Chandra Enclave Block SDA, Sector-45, B/h: Sadarpur Police Chowki Noida, Uttar Pradesh 201 301 Mob: 98101 84718 • E-mail: a.bajpai@vouchpro.com

Goods Lift / Freight Elevators

Mega Cranes India Private Limited offers Goods Lift/ Freight Elevators. The features are: it is the main lift manufacturing in Coimbatore. These lifts are accessible with a

wide range of materials. They have a wide extent of home lifts that would simplify their life; Mega Crane offers engaging plans of the home lifts that would make the space of your home look enrapturing; concerning lifting, then, the clinical facilities have novel and excep-



tional requirements for that, a pleasant ride, smooth workplaces, emergency control features, the whole piece of the room, and specifically – prosperity and reliability. The company is known for most reliable and trustworthy manufacturer and exporter from Coimbatore.

Contact:

Mega Cranes India Private Limited S.F.No. 2/8, Village, Kariyampalayam P.O 2/9, Telungu Palayam Road, Ellapalayam Coimbatore, Tamil Nadu 641 697 Mob: 99949 93032 E-mail: marketing@megacraneindia.com



Digital Multimeter, 6000 Counts TRMS, Model KM 2257

KUSAM-MECO offers UL listed Digital Multimeter Model KM 2257. It has large LCD; Digits 6000 Counts and Analog Bar graph of 60 segments. It is TRMS Sensing with

Ingress Protection IP40, Pollution Degree 2. It has safety rating CAT II 1000 V, III 600 V. The Transient protection is 6.0 kV. It meets EMC standard EN 61326-1. It has high overload protection on mV, Ohm and other function of 1000 V AC/ DC. It has special features such as Auto V (LOZ); VFD measurement; Beep Lit Continuity; Auto ranging Max/Min/Avg Record. The LCD has Backlight for taking measurements in dark areas. Auto ranging, Relative Zero mode, Display Hold, EF-Detection (NCV), Beep Jack on



 μ A, mA/A terminals to prevent wrong connection. It measures AC voltage up to 1000 V; AC mV from 0.1 mV to 600.0 mV; VFD ACV with low pass filter. 600.0 V, 1000 V. Auto V ACV Range 6.000 V to 1000 V; DC voltage 60.00 mV to 1000 V; Auto VDC. 6.00 V-1000 V. Crest Mode (Instantaneous Peak Hold). Auto Hold Real: Read; Resistance 0.1Ù to 60.00 MÙ Beep Lit Continuity Tester, Capacitance 0.01 nF to 10.00 mF; Diode Test; DC current 0.1 μ A to 10.00 A; AC Current 0.1 μ A to 10.00 A; Temperature -40°C to 1000°C; Logic Level Frequency 10 Hz – 200.0 kHz; Line Frequency 10 Hz – 5 kHz. Non-Contact EF Detection 3 V – 500 V. It operates on 1.5 V x 2 AAA size Alkaline Batteries; and has Auto Power off function (Idle time 30 min.), light weight 335 g with holster; Supplied with operation manual, batteries, carrying case and Thermocouple (250°C) only.

Contact:

Kusam Electrical Industries Ltd

Shop No: 18, 1st Floor, CIDCO Shopping Complex, Plot # 9 Sector-7, Rajiv Gandhi Marg, Sanpada, Navi Mumbai 400 705 20 022 – 2775 4546, 2775 0662, 2775 0292 E-mail: sales@kusam-meco.co.in

Rotary Cam Switch

Werner Electric offers Rotary Cam Switch, which enable precise control of electrical circuits in industrial applica-

tions, offering versatility, reliability, durability, and efficient operation in various machinery systems; and this product boasts clean and crispy design, bullet-proof consistency and intuitive builds. The company is creat-



ed by top industry leaders in mechanical design and with extensive feedback of user experience.

Contact:

Werner Electric Private Limited 278/C, Hebbal Industrial Area Mysore, Karnataka 570 018 Mob: 73539 47299 • E-mail: info@wernerelektrik.com

Programmable Ampere-Hour Meter

Countronics, an ISO 9001: 2000 certified company, offers Model 800AH Ampere-hour Meter, which is a micro-controller based precision product designed to integrate and

display DC current flowing with respect to time. It becomes a measure of the total current energy. A preset limit of this integrated current can be pre-programmed and when the limit is reached, a relay is switched On to trigger an alarm. For different ranges, the



shunt resistance is user programmable up to 9999 A at 75 mV. In addition, an internal limit of 10.5 V is preset so that a 12 V battery can be tested for its A-H. As soon as the 12 V battery discharges to a voltage below 10.5 V the Amphour Meter stops automatically. It can be used for AmpMin also. This instrument reads current and integrated current up to 999999 A. Resolution of 0.1 A-H and 0.1 A-Min is also available. The 96 x 96 mm light weight ABS cabinet with front panel membrane switches and bright 7-segment LED displays makes it attractive and rugged.

Contact:

Countronics

3/1/29 Sahibabad Indl Area, Site-IV, Ghaziabad, U P 201 010 Mob: 098105 36887 / 098183 50088 E-mail: countronindia@gmail.com

CAT 6 UTP Cables

KEI Industries Limited offers CAT 6 UTP Cables. Its Features and Benefits: Improve Crosstalk Performance: Central spline separates pairs and maintains stable pair posi-

tion; Optimized Cable Balance: Improved balance of transmission performance for simultaneous parallel transmission protocols. Applications: KEI CAT 6 UTP Cables meet the requirements of ANSI/ TIA-568-C.2 having enhanced performance for transmission of high speed data signals on LANs. It also supports Gigabit Ethernet (1000 baseT) standard. Construction – Conductor: Solid bare electrolytic grade copper conductor 23AWG; Insulation: High Density Poly Eth-



ylene; Packing: Available in 305 m spool; Rip Cord: Nylon; Jacket: PVC outer jacket (Dark Grey, Yellow, and Blue Colour), Customized colour options as per customer requirement available; Cable OD: Approx. 6.0 mm; Separator: Made of PE material.

Contact:

KEI Industries Limited D-90, Okhla Industrial Area, Phase-1, New Delhi 110 020 窓 011 – 2681 8840, 2681 8642 E-mail: info@kei-ind.com

Phase Sequence Meter Model KM 981MK-1

When connecting any 3-phase equipment to the 3-phase power, the first step is to check the phase sequence of the 3-phase power supply. Kusam-Meco's Phase Sequence

Meter Model KM 981MK-1 is a handy and essential instrument for checking the phase sequence in 3-phase Circuits. When connecting motors, energy meters, watt meters, power factor meters, Power factor controllers, Power meters, etc, it is very important to



connect the equipments in proper phase sequence, otherwise the instrument/equipment can be damaged or give incorrect readings. The instrument can also be used to check the open phase (1 phase only). Functions: LED and Buzzer indication for correct phase, Reverse phase and Open phase; Measuring Voltage Range: $60 \sim 600 \text{ V}$ (3 phase AC); Dielectric Strength: 2000 V/minute (impulse voltage 4000 V); Measuring frequency range: $20 \text{ Hz} \sim 400 \text{ Hz}$; Time limit for continuous measurement use: 60 min maximum at 60 V AC, 4 min maximum at 600 V AC. Additional Functions: It is used to check the Phase sequence (R, Y, B) and Open phase Condition through LED and Buzzer; Dimension: Approx. $85 \times 64 \times 23 \text{ mm}$; Weight: Approx. 200 g; Accessories: Test leads with Pin Terminal and Separate Insulated Crocodile clips, Wrist Strap, User Manual and Carrying case.

Contact:

Kusam Electrical Industries Ltd

Shop No: 18, 1st Floor, CIDCO Shopping Complex, Plot No: 9 Sector-7, Rajiv Gandhi Marg, Sanpada, Navi Mumbai 400 705 2022 – 2775 4546, 2775 0662 E-mail: sales@kusam-meco.co.in

Plain Bushing & Bearings

BMD offers Plain Bushing and Bearings. The features are: a bushing, also known as a bush, is an independent plain bearing that is inserted into a housing to provide a bear-

ing surface for rotary applications; this is the most common form of a plain bearing; plain bearings are used primarily in machinery that has a rotating or a sliding shaft component; also called sleeve



bearings, journal bearings, or sliding bearings; plain bearings have no rolling elements. Some are made of a relatively soft metal, to protect the shaft journals; and BMD has spherical plain bearings, rod ends and bushings in various designs and with different sliding contact surface combinations.

Contact:

BMD Precision Bearings LLP Padaslai Road, Mel Ayanambakkam, Kil Ayanambakkam Chennai, Tamil Nadu 600 095 Mob: 73388 22901 • E-mail: info@bmdbearings.com

Screw Conveyors

Screw Conveyor is among the simplest and most versatile type of Material Handling Equipment. MASYC offers – Standard Pitch, Short Pitch, Variable Pitch, Double Flight,

Tapered Flight and Ribbon Flight Screw Conveyors to suit various applications. The Screw Flights are formed on the hydraulic press so as to maintain accurately the screw dia, pitch and the helix angle. Single Sh-aft, Double Shaft Paddle Conveyor mixers are also available. Screw conveyors han-



dling highly abrasive material can be designed without hanger bearings up to the length of 12 m. MASYC an ISO 9001: 2000 Company has a formidable presence in the market in Bulk Material Handling Systems and Equipments, and has more than 30 years of experience in turnkey execution of Bulk Material Handling Systems. Its products range suit all the requirements in different processing industries like Cement, Steel, Coal, Pulp and Paper, Glass, etc.

Contact:

MASYC Projects Pvt Ltd

23 Community Center, Mayapuri Phase-I, New Delhi 110 064 쭙 011 – 2811 5745, 2811 5453 • Fax: 011 – 2811 6850 E-mail: masyc@masycproject.com

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Goliath Cranes

Eddycranes Engineers manufactures ELMECH make single girder as well as double girder Goliath cranes conforming to IS: 807-1976, IS: 3177-1977, IS: 3938-1983 and IS: 4137-

1963 where ever applicable. The Goliath cranes are manufactured up to 150 tonnes capacity and for 40 m span. Each ELMECH Goliath crane is built to suit specific dimensional clearance and technical requirement of the



customer. The box type girder construction ensures more torsional rigidity and strength. The Grabbing crane is designed to suite indoor or outdoor location and can also be supplied with Grab buckets, electro magnets. The Goliath cranes are designed to run on forged steel wheels running in L-type housing having antifriction roller bearings. The hoisting machinery consist of square cage/slipring motor, totally enclosed oil lubricated spur/helical gear box, thrustor brakes, geared coupling, rope drum, etc. ELMECH Goliath cranes are suitable for control from floor by means of pendant controller or from driver's cabin by means of master controllers or through radio remote control. The Goliath cranes can also be supplied with cantilever arms to lift over hanging material. ELMECH Goliath cranes are supplied in Cement plants, Thermal and Hydel Power stations, Granite industry, and general engineering industries, etc.

Contact:

Eddycranes Engineers (P) Ltd 3/23 Tardeo A/C Market, Tardeo, Mumbai 400 034 🕾 022 – 2352 2710 / 2352 5103 • E-mail: info@eddycranes.com

Elecon Type Worm Reduction Gearbox

Micro Precision Works offers Elecon Type Worm Reduction Gearbox, which is designed in various adoptable models according to applications. Features: Quick and easy in-

stallation and adjustment of gearbox; various ranges of output RPM and power requirements with durability; Low power consumption and provides high range of torque; it has flexible motor mounted in a convenient position; high efficiency and low maintenance; extra cooling fans and heat transfer for im-



proved efficiency. The company is engaged in manufacturing, supplying and exporting a comprehensive collection of all types of gearboxes and conveyor accessories. Contact:

Micro Precision Works Plot No: 207/A, Pushpam Industrial Estate Nika Tube Cross Road, Compound GIDC Ahmedabad, Gujarat 382 445 20 079 – 2589 3824 • Mob: 99243 04636 / 98240 01570 E-mail: microgearbox@gmail.com

Flow and Level Sensors

Gebrueder PG offers Flow and Level Sensors. Features: these highly reliable sensors are manufactured by EGE Elektronik, Germany. They include thermodynamic flow sen-

sors for liquids and gases of up to 160°C medium temperature. Level sensors with microwave technique are available. Special proximity switches for temperature up to



200°C are also made; they have features such as wide range of standard and Inline sensors, and reliable with quick response sensors for liquids and gas mediums; these are suitable for temperature of medium up to 160°C and have switching and analog output; these sensors have compact units with digital or LED array display; inductive Proximity switches for temp. 120°C, 160°C and 200°C are made by EGE; and sensors are made of materials which are approved for food and pharma applications. The company is marketing products of EGE Elektronik, Germany. The products include metal detectors and instrumentation products like flow, level sensors, etc.

Contact:

Gebrueder PG 303 Ashirwad Industrial Estate, Building 3 Ram Mandir Road, Goregaon (W), Mumbai 400 104 🕾 022 – 2676 3587 • E-mail: gebrueder@yahoo.co.in

Industrial Cyclones

Protector Fire & Safety India offers Industrial Cyclones. The features are: this is a device to separate solids from air/gases. When the material is moving as in pneumatic

conveying, the solids are separated. In this device, air is made to flow at Industrial Cyclones speed and made to rotate in a cylindrical vessel of suitable design; when the solid material attains high speed, it picks up centrifugal force and chooses to cling to outer surface while air retains high speed



it gets due to its velocity factor; suddenly in the center, air outlet is provided for air to go out while due to centrifugal force the solid material is not able to change direction but goes downwards and gets separated. The company is a manufacturer, dealer and distributor in personal protective equipment, fire protection, road safety, marine safety and various types of special safety equipment.

Contact: Protector Fire & Safety India Pvt Ltd B-509/510/511, Signature Corporate Park-2 Sarkhej Sanand Cross Road, Sarkhej Ahmedabad, Gujarat 382 210 Top 079 – 6682 3232 • Mob: 93779 27740 / 93779 27739 E-mail: sales@protectorsafety.in

Accelerating Design with Solutions

Success in manufacturing is determined by the fact that how much less time we will take to deliver our product to our customer. Coupled with the lower rejection and field

failures will help the company to gain major market share. In this context, Kadkraft Systems Pvt Ltd a 30 year old company provides globally proven solution to help the Indian industries to succeed in the market. Leading companies like Shanthi Gears, Premium Transmission, Kirloskar, Elecon, Vulcan, Tata Motors, Daimler, Mahindra, Bajaj Auto and many other have been using KISSsoft and KISSsys successully for past several years. KISSsoft - India's most



popular gearbox design software from Switzerland is being widely used by leading automotive and industrial gearbox companies. KISSsoft covers all common gear types, shafts, bearings, shaft-hub connections, bolts, springs etc. It is used for the analysis of a single element and to design complex transmissions and drive trains. The software does the geometry and strength calculation based on ISO/DIN/AGMA and other standards for the machine elements. The software can help you to increase torque carrying capacity at minimal costs, selection of the right bearing, micro-geometry modifications and export of accurate 3D gear models for rapid prototyping and 3D printing. 3D scanner is the latest industry trend used for reverse engineering and quality inspection. SMARTTECH3D offers world's highest resolution colour and mono scanners of 24 Mpixel and 20-20 Mpixel stereo scanners respectively. High resolution scan can capture minute details for detailed scanning for reverse engineering and quality inspection. It works with software like Measure, Polyworks and Verisurf. The scanners have some unique features including projection of deviation map on the part, 300 kg part automated rotary table, etc. The scanners are VDI 2634 certified to guarantee the scanning accuracy. It can scan with different Field of View with accuracy of 10 and 17 microns. Leading companies like GE, Volvo, Bosch, Adidas, US Army, Boeing and NASA etc. are using SMART-TECH scanners to design their products.

Contact:

Kadkraft Systems Pvt Ltd D-133B, Phase 7, Industrial Area, Mohali, Punjab 160 055 Mob: 98143 62601, 98140 21311 E-mail: contact@kadkraft.com

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Industrial Products Source

Rotary Triple Twin Gear Pump Type NDX Series

Del Pd Pumps & Gears Private Limited supplies Rotary Triple Twin Gear Pump Type NDX. NDX Series pumps are designed to handle bulk volume of viscous and semi vis-

cous liquids quite efficiently at medium pressure up to 11 bar. This pump can be coupled directly with drive as impeller speed reduction is made possible within pump, making it very compact and cost economical



and thereby reducing the overall cost, and space. The timing gear reduces the noise level and enhances the working life of the pump. This pump out performance twin Screw pump in all aspect in this range and they are suitable for wagon decanting, cargo-unloading of various viscous liquids such as edible oils, Fuel oils, viscous chemicals, etc. Step-down Versions are also available. Type MDX comes without reduction gears whereas Type JDX comes without timing and reduction gears and Type JDB is with bush bearing suitable for molasses applications. Size: from 5" to 12" NB (Flanged to ASA 150 Class); Capacity from: 80 m³/hr to 550 m³/hr; Pressure: up to 11 kg/ cm², viscosity is up to 1,00,000 CST, and temp. up to 110°C. Contact:

Del Pd Pumps & Gears Private Limited Plot No: 113, GIDC Estate, Wadhwan City Surendranagar, Gujarat 363 035 © 02752 – 243 047 / 243 464 / 243 678 Mob: 99988 17576 • E-mail: info@delpump.com

Coaxial Cables

Rashi Cables Private Limited offers Coaxial Cables. The

features are: high bandwidth low attenuation value minimum structural return loss. Low loss in signal quality ideal for power pass application. Clear in reception Reduced cross talk, Coaxial is the primary type of cable television industry, data transmissions and signal Networking; the Coaxial Cable also provides protection of the signal from external Coaxial Cable differs from other used for carrying lower frequency signals, such as in that the dimensions of the cable are controlled to give a precise, constant conductor spacing, which is needed for it to function efficiently as a radio frequency. The company is the most trusted manufacturer, trader and wholesaler firm dealing in revolutionary fire survival cables, ethernet cables, and submersible cables.



EOT Crane

Eddycranes Engineers, manufactures Elmech make EOT cranes conforming to Class I, II, III and Class IV (M1 to M8), heavy duty application as per IS: 807-2006, IS: 3177-

1999, IS: 4137-1967 wherever applicable. EOT cranes are manufactured from 0.5 ton to 150 tons capacity in single Girder design as well as in double Girder design. Elmech EOT cranes offer technologically adva-nced



features such as box type girders for torsional rigidity and strength, tapered plate design for joining the girders to the end carriage to ensure smooth flow of stresses, duly hardened forged wheels running on spherical roller bearings in L type housing, geared couplings, high torque, crane duty, gearboxes, etc. These cranes offer long life and minimum noise during its operation; and are supplied with safety features consisting of brakes in all motions, limit switch in all motions, overload relays and single phase preventer for all motors in control panel, etc, also with pendant push button controller for operation from floor, or master controllers for operation from driver's cabin or with radio remote control arrangement. Eddycranes Engineers also manufactures Elmech Hoists, Grabbing Cranes, Goliath Cranes, etc.

Contact:

Eddycranes Engineers Pvt Ltd 3/23 Tardeo A/C Market, Tardeo Road, Mumbai 400 034 2352 2710 • Fax: 022 – 2352 1886 E-mail: info@eddycranes.in

Continuous Fluid Bed Processor R&D Model

Chamunda Pharma offers Continuous Fluid Bed Processor R&D Model. Features are: this equipment is designed to provide continuous output for free flowing powder; its integrated design offers mobility without the hassle for con-

necting/disconnecting inlet and exhaust ducts; the continuous fluid bed processor comprises of chamber pre-heating, material charging, coating, drying and discharge in a linear form using air as its conveying medium; its features include: integrated mobile system, with plug and play setup. Continues and automatic material



feeding and discharge. Gentle fluidization as a result of small depth of material. Integrated WIP system with access ports for easy cleaning and maintenance. Can be used for a process range between 1 kg and 15 kg. Contact:

Chamunda Pharma Machinery Pvt Ltd Plot No: 7602, Ramol Cross Road, GIDC, Phase IV Vatva, Ahmedabad, Gujarat 382 445 🕿 079 – 2584 0589 • E-mail: info@chamunda.com

Contact:

Rashi Cables Private Limited A-275, First Floor, Okhla Phase I, New Delhi 110 020 窓 011 – 4170 7151 • Fax: 011 – 4170 7352 E-mail: hgsrashicables@gmail.com

Vibratory Finishing Machine CM Series

Ceramed offers Bowl model vibratory finishing machines in two basic (CM and CN Series) designs in seven standard sizes to meet unique applications of various customers. CN series machines have an additional advantage of

unloading the components automatically after process by actuating a pneumatically operated separation system. The screen used in the separation mechanism can be changed/ replaced without any special caliber or any special tools. Main Features: Hea-vy duty flange type vibratory motor with adjustable amplitude for fast and effective process; Hot pou-red polyurethane lining with 12-16 mm average thickness and the hardness approx-



imately 75-80 shore A for long life; The solid raw-materials and quality standard procedure of fabrication ensures withstanding consistent vibratory forces for many years; The bowls are duly stress relieved and sand blasted during manufacturing to increase the life as well as aesthetic quality for long life; Springs are specially designed to withstand heavy load, and are located in such a manner which facilitates an even spiral and rotary motion of the component and media in the bowl; All electrical switchgear items including enclosure are of reputed make and all types of safety switches are provided in the control panel; The entire machine is located on Anti-vibration pads, due to which, the vibration will not get transferred to the ground; Motor bolts are of high tensile and all other fasteners are either High Tensile/stainless steel.

Contact:

Ceramed Engineers Limited No: B 67& 68, III Stage, Peenya Industrial Estate Bengaluru, Karnataka 560 058 🕾 080 – 2836 0924 / 2836 3040 • Mob: 91645 04222 E-mail: info@ceramedengineers.com

LT PVC Cables

Jigar Cables Ltd offers LT PVC Cables. Manufactured from premium quality raw materials, Power Control Cables are utilized for overhead and underground transmission. User industries are: Power plants, Projects and other Electrical



systems. Jigar is recognized as one of the prominent LT PVC Cables manufacturers and suppliers.

Contact:

Jigar Cables Ltd Plot No: 164/15, GIDC II, Jamwadi Gondal, Rajkot, Gujarat 360 311 🕾 02825 – 221 422 • Mob: 90990 98809 E-mail: info@sigmacab.com

Cylindrical/Taper & Grooved Pins

R K Engineering Co manufactures and supplies cylindrical, taper and grooved pins. Cylindrical (dowel) pins are used to retain parts in a fixed position or preserve their

alignment. These cylindrical hardened pins are manufactured to IS: 6689 and unhardened to IS: 2393, while taper pins manufactured to IS: 6688 are preferred for parts that have to be taken apart frequently in which case, cylindrical pins would tend to wear the holes. Grooved pins ha-



ve three parallel equi-distance longitudinal grooves impressed on their exterior surface. These grooved pins are manufactured to IS: 7368 (DIN-1471), IS: 7385 (DIN-1472), IS: 7383-86 (DIN-1475), DIN-1473 and DIN-1474. Also manufactured are non-standard pins as per customer's requirements.

Contact:

R K Engineering Co 12 Nanik Motwane Marg, Opp: HDFC Bank Fort, Mumbai 400 023 ☎ 022 – 6610 4058 • Mob: 92210 47336 E-mail: rkenggcomp@gmail.com



Fastener Handling Slat Conveyors

Anyway Engineering manufactures fastener handling slat conveyor (Hinge Type with side chain). It is a specially



designed and state-of-art manufactured conveyor is highly used in Fastener, and Automobile industries. This conveyor is also used as Chip conveyor. The company's time proven design in field of Slat Conveyors has achieved them of better designs, efficiency and quality. Features include: High quality slats; rigid construction; Low maintenance; efficient design.

Contact:

Anyway Engineering Factory No: 3, Sonarpada (Mhatre Pada) Near Tempo Naka, Behind W-230, Phase-II Dombivli (East), Dist: Thane, Maharashtra 421 204 Mob: 98214 65799 • E-mail: anywayengg@gmail.com

Mould Bases & Accessories

Aaroh Machines and Components Pvt Ltd represents and offers DME, a Hillenbrand Company USA, renowned for its superior quality mold bases, plates, and accessories.

Mold base and accessories – Mold Base: Standard and Customised; Mold Plates: C45 and P20 grounded plates; Beryllium Copper; Ejector Pins-Nitrated, Hardened, Step, Blade; Mold Accessorie: Guide Bush, Pillar; Slide retainers; Interlocks: Straight, Taper; and Mold Date in-



serts. DME mold bases and plates crafted from top-tier materials using cutting-edge precision equipment. With enhanced metallurgical consistency and improved cleanli-



ness in cavity steels, these products offer unparalleled reliability to customers.

Contact:

Aaroh Machines and Components Pvt Ltd NaadBrahma Society, 2-A Sitar Wing, Flat No: 13 Warje, Pune, Maharashtra 411 058 Mob: 98600 88939 • E-mail: marketing@amcpltd.com

Bristle Blaster

Blastline India Private Limited supplies Bristle Blaster, which is an innovative surface preparation and maintenance solution that removes corrosion and generates an-

chor profile. This hand held power tool is ideal for spot repairs and tough-up work. Advantages: Removes corrosion, coatings, mill scale – without removing healthy material; Abrasivefree process – no addi-



tional waste production; Visual cleanliness achieved by grit blasting (SA 2-1/2" near white metal); Generates anchor profile ranging from 2.5 to 3.3 mil.; ATEX approval for Zone 1 for Bristle Blaster Pneumatic; No need for containment, no reprocessing or disposal of used grit media. The bristle tips strike the surface, with kinetic energy, resulting in both corrosion removal and micro-indentation in the surface. Other products from Blastline are: Bristle Blaster Pneumatic and Single Belt; Bristle Blaster Electrc Single Belt; Packaging and Accessories - Bristle Blaster Box, Stainless Steel Belt available in 23 and 11 mm; Carbon Steel Belt in 23 and 11 mm.

Contact:

Blastline India Private Limited Blastline Corporate Chambers, Pottakuzhy Elamakkara PO, Kochi, Kerala 682 026 窓 0484 – 253 7375 • Mob: 95620 11088 E-mail: info@blastlineindia.com

Connector Wire and Harness

MD Cable & Harness LLP offers Connector Wire and Harness. In order to meet exact requirements of the clients without any hassle, the Company manufactures a broad

array of connector and harnesses for a long time with the best in class quality. The entire product range is highly demanded in the market for its optimum flexibility. Connector and harnesses manufactured Harness undergo stringent testing on different parameters. The product is designed in adherence



with the preset industry guidelines; and its features include: high tensile strength; fine finish; high conductivity; highly flexible; break resistance; longer life; optimum quality. The company also offers data cables, power cords, connector wiring harnesses, RCA cables, etc.

Contact:

M D Cable & Harness LLP 495 Ecotech 3, Udhyog Kendra 2, Surajpur Gautam Budh Nagar, Greater Noida, Uttar Pradesh 201 306 Mob: 95558 70744 / 98107 08944 E-mail: sales@mdcablewire.com

Powder Filling Machine/Augar Filler

Veena Pharma Machinery offers Powder Filling Machine/ Augar Filler. The features are: these powder filling machine are versatile filling machine for free flowing as well as non

free flowing powder; this powder filling machine can handle wide range of product (10 gm to 10 kg) and pack sizes like pharmaceutical powder, pesticides, chemical, ground spices, dyes, flour, ready mix food powders, coffee and milk powders etc.; its features include: Contact parts made from S.S.304 (S S 316 contact part on request); easy changeover of product and pack sizes; sturdy, simple construction assists maintenance and cleanliness; automatic in feed and off-take conveyor is available. The company designs and deliver inovative ideas and create low



cost packaging machines for the then existing industry. It is now a trusted name in the small-scale industrial segment. Contact:

Veena Pharma Machinery A-2/4, Padmini Industrial Complex, Kalher Pipe Line Road Near Gundvli Gaon, Purna Village, Bhiwandi Thane, Maharashtra 421 302 Mob: 93239 58996, 90045 63628, 99677 07369 E-mail: sales@veenapharma.com

Drilling/Tapping Spindle Head Unit Servo Type

Secon Technological Solutions Inc offers Servo Type Drilling/Tapping Spindle Head Unit. Features are: every hardy precision spindle is built with high rigidity and quality

housing material, which is processed by boring and honing. All spindles are made of alloy steel with the process of heattreatment and assembled with NSK or SKF bearings for high performance and long life usage; the accuracy of the spindle is strictly under 0.003 mm, this unit allows it to perform all types of



machining applications such as drilling, peck drilling, threading, tapping, chamfering, reaming and countersinking. This is one of the best implementation machine tools for automation; feed rate is programmable and driven by a preferable servo motor. The company is engaged as a manufacturer, trader, service provider, and distributor of CNC machines tools.

Contact:

Secon Technological Solutions Inc #7, 3rd Floor, Sri Bhagavati Complex, HMT Main Road Gokula 1st Stage, 2nd Phase, Bengaluru, Karnataka 560 054 2080 – 2337 3293 • Mob: 98452 87595 E-mail: secontech2000@gmail.com

Dry Syrup Powder Filling Machine, Automatic Single Head Augur Type

Brothers Pharmamach (India) Pvt Ltd offers Automatic Single Head Linear Augur Type, Dry Syrup Powder Filling, Model Dryfill-30. The features are: it is suitable for filling

dry syrup powder in various type and shape of bottles with maximum speed of 30 bottles per minute depending on fill volume, type of powder and bottle size; this machine with proven augur type powder filling system for filling higher volume of powder in single dose. All parts coming in contact with powder are made from



S S 316, nylon and HDPE material; and machine with optional turn table for round bottle at the infeed and outfeed for continues feeding of bottles as well as collection. The company is a large manufacturer and supplier of pharmaceutical and packaging machinery in India.

Contact:

Brothers Pharmamach (India) Pvt Ltd Plot No.2, Vinoba Bhave Nagar, Dibiyapur, Phase II Vatva GIDC, Ahmedabad, Gujarat 382 445 Mob: 98250 37971 • E-mail: info@brothers.in



Brass Electrical Components

Darshan Brass Industries, manufacturers and Exporters of all kinds of Brass Precision Turned Components offers Brass Electrical Components. Features – Types: Brass Switchgear Parts, Brass Neutral Links, Brass Energy Meter



Parts, Brass Contacts and Fuse Parts, Battery Terminals, Cable Lugs, HRC Fuse and Kit Kate fuse Parts. Material: Free Cutting Brass IS 319 Type (I) or BS 249 Type (I); High Grade Free Cutting Brass; Brass BS 2872 CZ 112; Brass CDA-360; Brass IS-319 Grade III; CuZn 39 Pb 3, CW 614 N, CZ 121, and C37710. Any Special Brass Material Composition as per customer's requirement. Threads: UNEF Threads, ISO Metric, MM, PG, BSW, BSP, BSB, BSF, BA, NPT, NPTF, UNC, UNF, UNEF, BSPT, any special threads as per customer specifications. Size: As per Customer Specification. Finish: Natural, Nickel Plated, Tin Plated, Natural Brass, Electro-Tin, Chrome or any coating as per customer requirements.

Contact:

Darshan Brass Industries K-1/221, GIDC, Shankar Tekri, Udhyognagar Jamnagar, Gujarat 361 004 Mob: 98248 33303 • E-mail: info@darshanbrass.com

Constant Volume Regulator (KVR)

Air Flow Pvt Ltd, an ISO 9001:2008 Certified Company supplies Constant Volume Regulator (KVR). KVR is a so-

lution which regulates air flow mat precise constant level in duct system with the help of modulating orifice without the use of any electric or pneumatic sensors or controls. It helps in improving IAQ by achieving desired air changes as per ANSI/ASHRAE standard 60-2010. KVR is made out



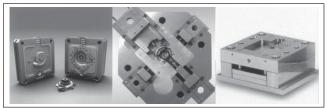
of flame retardant PVC, Fire classification M1 covering 15 CMH to 1200 CMH within the pressure range from 50 Pa to 600 Pa. The Company is a leader in manufacturing and exporting Air Terminal Products, Air Distribution Products, Smoke/Fire Dampers, Air Ventilation Products and Air Treatment Products and Flexible Duct Connectors.

Contact:

Air Flow Pvt Ltd J-90 & 91, Site-V, Surajpur UPSIDC Industrial Area Kasna, Greater Noida, Uttar Pradesh 201 308 🕾 0120 – 429 5527 / 4760 2222 E-mail: mail@airflow.in

Pressure Die Casting Mould Base

Vasa Speciality Steels Pvt Ltd manufactures Mould Bases like Plastic Injection Mould Base; Pressure Die Casting



Mould Base; Customized Mould Base; Jigs and Fixtures; Die Set, etc. Pressure Die Casting Mould Base is generally used in prototype moulding and short-runs. These moulds offer the flexibility to perform more value-added work, with significant reduction in the mould base cost.

Contact:

Vasa Speciality Steels Pvt Ltd 903/1007/1110, Techno IT Park, Link Road Borivali (W), Mumbai 400 092 Mob: 98202 15633 / 93247 14785 E-mail: info@thevasagroup.com

Cen-Chro Tapping Collets

Lexis supplies Cen-Chro Tapping Collets. Features: this Tapping Collets is a unique Indo-US Technology design to eliminate Tap breakage with Increase production; the Cen-Chro Tapping Collets have 0.5 mm controlled movement in the tension and compression modes to compen-



sate for minute duration for time change keeps more production; Collet bore is exact tool diameter, with square drive for accuracy and rigidity; Tapping Collets are available in ANSI inch sizes as well as in DIN, JIS and ISO Standard metric sizes. Range starts from CCC16, CCC20, CCC25, CCC32, and CCC40. Lexis Tooling Systems Private Ltd is a pioneer in precision products and a globally trusted brand with perfect combination of human, machine and environment. With the perfect blend of Indo-US technology Lexis is one of the leading global manufacturers in designing, production, quality and marketing of a wide range of state-of-the-art precision engineered Collets and Tool Holding systems are offered in India and abroad with International Standards.

Contact:

Lexis Tooling Systems Pvt Ltd 7/301 Eloor Road, Eloor Post, Pollachi Main Road, Kinjathukadavu Taluk, Coimbatore, Tamil Nadu 641 032 Mob: 90955 33499 / 98651 98989 E-mail: enquiry@lexisindia.com

Electric Wire Rope Hoists

Tacklers Engineering Pvt Ltd manufactures a range of Electric Wire Rope Hoists such as High Lift Hoists, Curvature Type Hoists, Low Head Room Hoists, Flame Proof Hoists,

Fix Suspension Hoists, and Complete Electrical Wire Rope Hoists. Applications of Hoi-sts: Steel Plants, Power Pla-nts, Oil and Gas, Constructions Site, Factories, Ware Houses, Heavy Fabrication Units, Railway Yards, Transporters, Mine Quarries, Harbours, Large Water Works, Marine, etc.



Techno Industries' other products include: Single Girder and Double Girder Overhead Cranes, Under Slung Cranes, Goliath/Gantry Cranes, Jib Cranes, Chain Pulley Blocks and Trolleys, etc.

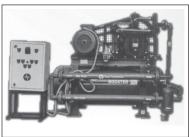
Contact:

Tacklers Engineering Pvt Ltd Plot 613, Phase-IV, GIDC, Vatva, Ahmedabad, Gujarat 382 445 ☎ 079 – 4032 3330 • Mob: 93287 39901, 93770 39904 E-mail: info@technoind.com

Air Booster

Deep Pneumatics Pvt Ltd provides products, services and solutions to enhance the efficiency and productivity of customers. The Company's innovative products include Air

Compressors and Air Systems Components. The Air Booster offered by the Company offers Air Booster, which is designed for long life and problem free working for pet blowing industry. 5-13



bar intake pressure alternatives; Max 40 bar working pressure Load-unload working system. Safety Features: Intake air control system; High pressure safety valve; Manual drain valve; Non-return valve; Belt-pulley guard; Outlet pressure gauge; Air inlet and outlet hoses and connections Vibration pads. Other Features: Automatic discharge system for loadless start; Long life bearings; Air-cooled/ water cooled after cooler; Air intake filter silencer for loadless operation; Oil splash lubrication system; Special designed fan type cast iron pulley; Special discharge system preventing oil leakage from blow down valve. Deep Pneumatics products range also include: Air Compressors such as Two Stage Air Compressor, Multi Stage Air Compressor, Single Stage Air Compressor, Vacuum Pumps (Single and Two Stage dry Type), etc.

Contact:

Deep Pneumatics Pvt Ltd C-1-6, GIDC Estate, Nr: Parry Steel, Naroda Ahmedabad, Gujarat 382 330 Mob: 63549 13760 / 93168 95156 E-mail: info@deeppneumatics.in

Slat Conveyor & Roller Conveyor

Anyway Engineering specializes in offering best-in-class Slat Conveyors and Roller conveyors to their valuable

patrons. The slat conveyor (*pix, bottom*) is used for assembly line and handling of heavy loads. Customers can further avail conveyor according to their requirements. The company manufacture head and and a set of the state of



factures high quality Roller conveyors (*pix, top*) that are serving many industries. The company's products range

includes: Power Driven Roller Conveyors, Gravity Conveyors, Accumulation Roller Conveyors, and Palletizing Roller Conveyors. High Quality Galvanized Rollers and High Tension



Chains add to its quality for heavy loaded Conveyors. The conveyors are highly used in liquid filling Lines and Packaging industries.

Contact:

Anyway Engineering Factory No: 3, Sonarpada (Mhatre Pada) Near Tempo Naka, Behind W-230, Phase-II Dombivli (East), Maharashtra 421 204 Mob: 98214 65799 • E-mail: anywayengg@gmail.com



Western Foundary & Engineering Malamalkavu PO, Palakkad Dist, Kerala 679 554 Tel: 0466 - 3211202 • Mobile: 098471 40809 Email : westernfoundary@gmail.com Website: www.westernfoundary.com

December 2024

Waste Oil Heater

Elite Material Handling Co offers Waste Oil Heater - EL 75H. The features are: this energyLogic waste oil heaters are the simplest to own and operate; the patented meter-

ing pump provides consistent, reliable fuel delivery, regardless of fuel type, without manual adjustments. The stainless steel heat exchanger is able to withstand the higher temps produced by this burner. Stainless steel is also a superior heat conductor, which means you get warmer faster; its features include: heats up to 1,750 square feet, approximately one to four service bays; BTU Input: 75,000 BTU per hour; fuel flow rate: 0.54 gallons/hour; heat rise over input air: 100-120°F; dimensions: 75"H x 21"W x 26"L; weight: 210 lbs. The company, established in 1991, provides logistics solutions in material handling related to transportation, storage, loading/unloading, palletisa-



tion and packaging. The ranges of products include auto chock restraints, dock bumpers, dock doors, docks, lights, dock safety equipments, dock seals, dock-leveler airbags, mechanical, pit construction, hydraulics, etc.

Contact:

Elite Material Handling Company 16, 3rd Cross Road, HAL 2nd Stage, Doopanahalli Indiranagar, Bengaluru, Karnataka 560 008 2080 – 2521 6561, 6599 1403 Mob: 93430 93181 • E-mail: eliteindia@yahoo.com

Softy Ice Cream Machine – SI-825B

Sheth International offers Softy Ice Cream Machine - SI-

825B. The features are: micro-computer controlled system with the temperature digitally shown, regulate the hardness at any time; the casterwheel fixed to base of machine can move conveniently and freely. The company is engaged in manufacturing, exporting and supplying of food processing machinery softy ice cream machine, soda fountain machine, juice dispenser machine, juice beverages and coffee vending machine cleaning machine, grader for food grains such as wheat, rice, bazara, dal, etc



Contact:

Sheth International Bhanga, Pachil, Janki Bhawan, GT Road, Ushagram Asansol, West Bengal 713 303 Mob: 98008 59856, 96417 88835 E-mail: shethinternational09@gmail.com

PB-135 Ride-on Sweeper

Soma Specialities offers PB-135 Ride-on Sweeper. Features are: It has a sweeping width of 1350 mm and hopper capacity of 135 ltr making it suitable for sweeping in large areas and roads of an industrial plant. The sweeper is pow-

ered by powerful 36 V batteries which can give coverage of up to 3~4 hours per charge. Batteries provided are dry and maintenance free; Sweeper has a brushless DC (BLDC) motor, which is capable of very long and maintenance free lifespan. With such maintenance free features,



this machine surely cuts down on maintenance and after sales-services costs which are major headache for companies using fuel operated ride-on sweepers. This machine has a productivity of 8770 sq m/hr with a max. speed of 6.5 km/hr. Rear axle is equipped with a patented electric rear axle mechanism with a differential system for enhanced vehicle stability; the drive system is one of the most powerfully equipped to climb ramps of up to 20° making this machine to reach where no other machine can reach. The safety feature also includes an overload voltage protection device; this feature makes the sweeping productivity very much more effective in a dusty tropical country like India, where dust is a major concern for cleaning. The PB-135 is made of a steel frame for solidity and durability, and the water tank is made of a tough, rotomolded plastic tank. The reverse alarm is another safety feature of the machine, making it very safe for the operator and the people around. The control panel is extremely easy and self-explanatory, making it a very simple sweeping machine to use and low on maintenance cost. The PB-135 is an ideal machine for use in warehouses, factories, cement plants, power plants, industrial complexes, large housing societies, railway stations, airports, parking lots, bus stations, etc.

Contact:

Soma Specialities Pvt Ltd

108 Vardhaman Complex, Lal Bahadur Shastri Marg Surya Nagar, Chandan Nagar, Vikhroli (W), Mumbai 400 083 ☎ 022 – 2578 6895 • Mob: 95949 88533 E-mail: info@somaspecialities.com

Conveyors & Components

Moldex supplies conveyors and components such as Slats in Delrin, SS, MS; Multi Directional; Universal Flex; Stackable; Min/Bacline Force; Nylon, MS, SS Sprockets; Brackets+Guides; Clamps for Photo Cells; Cartonator Pockets; Tripod and Bipod; Modular Supports, etc. Contact:

Moldex Corporation

A-9, New Empire Industrial Estate, Kondivita Road JB Nagar, Andheri (E), Mumbai 400 059 Mob: 99200 52389 • E-mail: info@moldex.in

Puma Lift Electric Stacker

Puma Lift Trucks Pvt Ltd offers Puma Lift Electric Stacker. The features are: the unique compact design and the small turning radius, which makes it a user-friendly machine,

whether for short distances solely in pedestrian mode, medium distances with combined pedestrian or rider operation, or long distances with rider operation. Capacities of 1000 to 2000 Kgs. and a range of lift heights of up to 6300 mm to suit varied operations; array of stackers: wide version (can easily handle all types of non-standard loads and pallets); Light Cradle (LC); Heavy Cradle (HC); Core Shaft (CS); Tool/ Die Loader (DL); Roller Platform (Spl); Reach Stacker

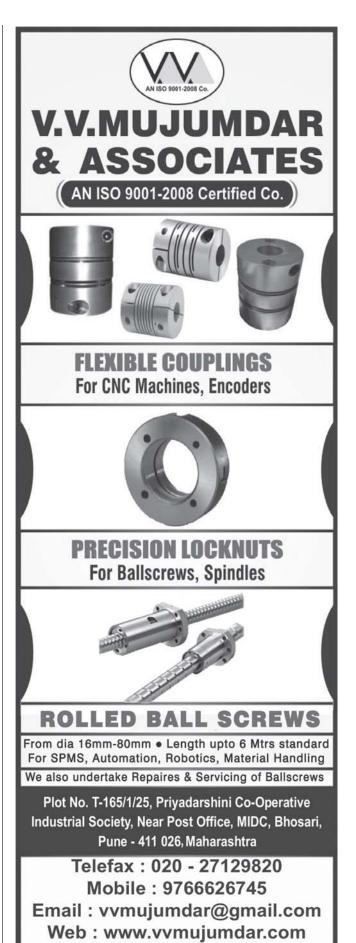


(RS) Can be used wherever load arms stackers cannot operate. innovative AC technology: The AC motor provides increased efficiency with reduced operating costs over the entire lifespan of the truck and has the following advantages: high efficiency with excellent energy management; high travel comfort with easy and individually adjustable performance parameters to provide the greatest productivity in particular applications; performance: European connectors with top quality prevent moisture and contaminants from interrupting truck operation in all environments, plus all the wires and cables are reliably protected and fixed, greatly reducing the electrical error. Excellent performance of getting in and out of empty pallets greatly increases the operation's efficiency. AC motors specially designed provide stronger power to keep high speed (6km/H) with a full load and enhanced grade ability, making more efficient performance under high-capacity situations; self-diagnostics provided through the digital display allow easy trouble- shooting with the use of an external hand-held analyser; high-strength frame design, suitable for tough workplaces, ensures a longer service life. The company, established in 1992, starting its manufacturing unit in Bangalore very modestly, has progressed steadily, and today the company boosts of best manufacturing unit with a marketing widely spread over in almost all the business sectors in India.

Contact:

Puma Lift Trucks Pvt Ltd No. 265/1B & A-69, (KSSIDC), Bommasandra Industrial Area Bengaluru, Karnataka 560 099 20 080 – 2783 6555, 2783 4455 E-mail: info@pumalift.net

Visit: www.ips.co.in to view our e-magazine



Modular Socket Parts

Brassfab Manufacturing is a manufacturer of Sheet Metal Products offers Modular Socket Parts. Material: Brass (CuZn40, CuZn37, CuZn30, CuZn20). MS (CRC, Low Car-



bon Steel, etc.) Copper (ETP 99%, 90%, etc.) Phosphor Bronze (Grade 1, Grade 2, and Grade 3); Size/Length: Any size as per customer design/requirement; Surface Finish: Natural, Nickel Platting, Tin Plating, Silver Plating or any



coating as per requirement. The Company can any kind of Modular Socket Parts can design/develop and supply exactly as per customer's specifications. Brassfab also supplies Modular Switch Parts, Mortise Lock Components,



Fasteners, Electrical Components, MCB Terminal Cages, etc.

Contact:

Brassfab Manufacturing Plot No: 4475, Road L, GIDC, Phase-3, Dared Jamnagar, Gujarat 361 005 Mob: 99041 66305 • E-mail: info@brassfab.com

Pendant Control Station

Kumbhojkar Plastic Moulders offers Pendant Control Sta-

tions, which are designed to facilitate lifting and handling applications in Cranes and Hoists. Features: It can accommodate cable from 8 mm dia; Non-conductive and Break-resistant Engineering Plastic ma-



terial; Simple and easy electrical installation; Dust and water proof.

Contact:

Kumbhojkar Plastic Moulders 129, Narayan Peth, Sitaphal Baug Colony Near Mati Ganpati, Pune, Maharashtra 411 030 Mob: 94042 38939, 96070 03424 E-mail: mktg@kumbhojkarplastics.com

Hermetically Sealed Type Transformers

Synergy manufactures ISI approved offload distribution transformer starting from 200 kVA to 2500 kVA under BIS-1180 (Oct 2021) and above 2500 kVA up to 5000 kVA under

IS-2026 of all voltage class and covering all level of efficiency. Features of Onload and Offload Transformers – Designing: Designed for minimum 25 years for 24 x 7 duty with negligible maintenance and silent operation; Magnetic Circuit: Step-lap horizontal



and vertical in 5, 7, 9 step design for lower losses and low magnetizing current of core by using high quality CRGO material with grades such as MOH, ZDKH, ZDMH, AMOR-PHOUS, etc; Electric Circuit: Using electrolytic grade with 99.99% pure high quality Copper and Aluminium from the Company's regular and reputed vendor Hindalco & Sterlite with Foil winding in LV coil of transformer' Dielectric Circuit: High dielectric insulation property to withstand lightening impulse and voltage surges; Thermal Circuit: ONON through natural convection for effective cooling through axial and radial ducts. Technical Specification -Type: Indoor/Outdoor Floor mounted; Voltage Class: 3.3, 6.6, 11, 22, 33 kV or special class by customer; Vector Group: Dynn11, Dyn 5, Dyn 1 or as per customer requirement; No of phases: 3; Frequency: 50/60 Hz; Tap Range: ±7.5%, ±5% in 2.5% step voltage at 5, 7, 9 and 11 steps or as per customer requirement; $\pm 10\%$, $\pm 5\%$ to -15% in 1.25\% steps in 17 position or as per customer requirement; Winding Material: HV Side EC Grade Copper and Aluminium Enamel Rectangular Conductor. LV Side EC Grade Copper and Aluminium Foil; Applicable Standards: BIS-1190, IS-2026, IEC 60076; Painting: Epoxy, Polyurethane or specified by customer. Applications: Industries like Engineering, Auto, Ceramic, Forging, Plastic, Pharma, Food Processing, Mining, Hotels/Resort, Hospitals, etc.

Contact:

Synergy Transformers Pvt Ltd Diksha Parva, Shree Society Street No: 4 Opp: Tagor Vidhyalay, B/h: Suryamukhi Hanuman Temple Nana Mava Road, Rajkot, Gujarat 360 005 Mob: 95862 77766 / 95864 77766 E-mail: sales@synergytransformers.com

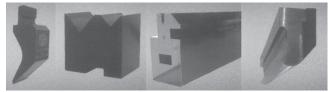
Epoxy Putty for Fast Repairing

BOND SET Fast Setting sets fast and gives more working time (setting time is 30 minutes and useful for working on smaller surface area). It is resistant to acid and fungus and ideal for sealing, repairing and fixing applications. Contact:

Astral Limited 207/1 Astral House, B/h: Rajpath Club, Off SG Highway Ahmedabad, Gujarat 380 059 容 079 – 6621 2000 • E-mail: sales@astralltd.com

Press Brake Tooling

Farohar Engineering, an ISO 9001:2015 Certified and formerly known as Technica is engaged in design consultancy, drawings and manufacturing activities especially in the area of Press Brake Tooling, which are hardened and ground tools. Their Cr+Mn+Mo+grade tools are manufactured from imported tool steel specially made for high performance. Tools are toughened to 30 ± 2 HRc throughout



for maximum toughness and rigidity of tool, which also allows permissible deflection and increases tool life. Tools are hardened up to 52 ± 2 HRc on tip of punches and entire top surface of die to increase wear resistance and give maximum tool life. Product details - Punches: Punches can be manufactured in various shapes and sizes like Straight Punches, Gooseneck Punches, Profile Punches, Insert Type variable radius punches. All types of punches can be modified with different bending angle and nose radius. Farohar also designs and manufactures punches and profiles punches to suit customer's components. Press brake punches length can be made is single length as well as segmented as required. 835, 415 and 805 (SEG) are the standard length options. Dies: Dies are manufactured in various types like, Single Vee die block, 2 Vee die blocks, 2 Vee self-centring type die block, Multi Vee die block. Standard dies are available ex-stock of self-centring type and multi Vee die; also designs customised Die's as per component requirement. Modification of Vee opening and angle is also possible. Segmented dies are also available on request. Hemming Tools: Spring loaded Hemming dies for operation on 1 mm and 2 mm thickness sheet are available ex stock. Spring used in same is of Japanese make. Hemming dies are produced only with High tensile tool steel and are hardened and ground. Spring loaded hemming die can be provided with lock to use the same die as normal Vee die. Hemming dies are also offered for conventional machines. Forming Tools: Custom made Forming tools are manufactured as per client component drawings. Variety of forming tools are made to facilitate multiple bends in single stroke to save number of strokes and increase production quantity in less time. Forming tools are designed considering additional spring back of sheet metal as per its grade.

Contact:

Farohar Engineering

W-9, B/1, Nr: Hotel Sachin, MIDC Indl Area, Anand Nagar, Addl. Ambernath (East), Dist: Thane, Maharashtra 421 506 Mob: 98198 98970 • E-mail: dkfarohar@outlook.com

Subscribe to Industrial Products Source at ₹300 for 1 year.

MetalMaster 2.0

Messer Cutting Systems is a global supplier of cutting edge technology for the metalworking industry. The Company offers MetalMaster 2.0, a Compact flatbed cutting ma-

chine, with drop and cut installation, operated quickly and easily. Features: the Metal-Master 2.0 is the economical entry level unitized machine for simple plasma cuts, Oxyfuel or both combined; High



position speeds and a fast, intelligent torch lifter reduces non-productive times; Ergonomical design with stable table construction and integrated extraction; The free-standing console keeps sensitive electronics away from the heat and dust of cutting; Integrated guidance and high accuracy with twin-sided longitudinal drives, rack and pinion provides accurate, reliable performance with positioning speeds of up to 35 m/min. Technical Data: Working sizes of 3015, 4020 and 6020; Rapid Speed at 35 m/min; Alfa torch for Oxyfuel cutting; Single tool station with provision of swapping plasma and Oxyfuel torch; Compatibility with Hypertherm and kjellberg High definition plasmas; Basic safety with E stop; Integrated Cutting table; Laser diode for plate alignment; and Filter system for fume exhaust. Contact:

Messer Cutting Systems India Private Limited No: 199/2A B2, 198/2A 2A and 198/2A 2B, SNMV College Road Malumichampatti, Coimbatore, Tamil Nadu 641 050 20 0422 – 672 5501 • E-mail: sales.all@messer-cutting.com

Power Cables

Empire Cable supplies power cables with PVC insulation for power transmission. Voltage grade 650/1100 volts (Uo/U) provided with ISI marking IS 1554 (Pt-1), with or without

HR/FRLs properties. Screening can be provided if desired. The cables conform to standard specifications like IS 1554 (Pt-1), IEC 502, BS 6436/87. Configuration: Single core up to 1000 sq mm, multi-core up to 400 sq mm x 3-1/2 cores; Construction: Conductor is aluminium/copper, solid/stra-



nded circular/compacted/sector shaped. Insulation is PVC; Mechanical protection: Galvanized steel wire/strips/double helical steel tape; aluminium wire amounting for single core cable; Inner and outer sheath – PVC black/grey or as per requirement.

Contact:

Empire Cable Industries (P) Ltd Plot No: 115, Phase-II, Badli Industrial Area, Delhi 110 042 2011 – 2387 4632 • E-mail: empirecables@yahoo.co.in

Liquid / Syrup / Oral Manufacturing Plant

Bombay Pharma Equipments Pvt Ltd offers Liquid/Syrup/ Oral Manufacturing Plant. The features are: the automatic liquid manufacturing plant is designed to be operated only by one operator and one helper; all material transfers are

done by vacuum or by transfer pumps; the gaskets used are of silicon; all contact parts are of SS 316 quality material and finished to mirror finish and crevice free; the entry of



stirrer and high speed emulsifier are from top; in-line emulsifier (as per customer choice) provided on demand; (optional in liquid manufacturing plant); these transfer pumps provide to transfer ready product to filling line; the entire plant is equipped with CIP & SIP Connection, so that customer can us this facility; all values of temperature and time of the plant are indicated digitally on the control panel; a micro-processor based automatic operating liquid manufacturing plant can be designed as per requirement. The company manufactures and markets a wide range of machinery and equipment for pharmaceutical, food, cosmetics and chemical industries, which are known for their quality and proven performance.

Contact:

Bombay Pharma Equipments Pvt Ltd Gala No: 2, PVK Compound, Laxmi Narayan Mandir Marg Khairani Road, Saki Naka, Andheri East, Mumbai 400 072 Mob: 98201 24804, 98201 20086 E-mail: bombaypharma@mtnl.net.in

LT PVC & XLPE Control Cables

Lumino Industries Ltd offers LT PVC & XLPE Control Cables. The features are: it is solid/stranded annealed copper conductor and tinned / bare; general purpose / HR

PVC insulation; cores laid up (filled if needed); FRLS / general purpose PVC inner sheath; armouring round galvanized steel wires/ strips; FRLS/general purpose PVC outer sheath; LT Control cable XLPE insulated – higher current rating



and emergency overload rating; superior short circuit rating; low dielectric loss much better insulation resistance; resistant to chemical and corrosive gases etc. better resistance to surge currents much longer life of the cables. The company is engaged in manufacturing and supply of all types of conductors.

Contact:

Lumino Industries Ltd Acropolis, 12th Floor, Unit-4 1858/1 Rajdanga Main Road, Kolkata 700 107 🕾 033 – 2441 2008 / 2441 2009 E-mail: lumino@luminoindustries.com

Bakery Biscuit Making Machine

Ahamad Associates Plant and Projects offers Bakery Biscuit Making Machine. The features are: the bakery biscuit machine offered by Ahamad associates plant and projects

are automatic biscuit making machines which are very easy to operate as they require very less effort; this biscuit making machines are elegant in design and are engineered



to produce different types of biscuits/cookies of exquisite design and quality; these bakery biscuit machines can produce biscuits of several designs from dough. Biscuits of various designs can be made easily by simply changing the rollers provided with the machine; and these machines are fit to every food safety standard issued by the government. The company established in 1986, is a renowned manufacturer, supplier, and exporter of several types of processing machinery. Company has gained years of experience in the manufacture of small scale industry equipments; and through our expertise in this field we have emerged as a reputed and trustworthy producer, supplier and exporter of various processing machines used in small scale industry.

Contact:

Ahamad Associates Plant and Projects Plot No. 35, Competent Industrial Park Jerh Faridpur, Bareilly, Uttar Pradesh 243 503 Mob: 80060 37771, 73008 20345, 90279 56056 E-mail: watersystemsindia@gmail.com

Fully Automatic Chapathi Making Machine

Lakshmi Food Machinery offers Fully Automatic Chapathi Making Machine. The features are: This chapathi making machine made with full stainless steel (SS) food graded.

This single unit can produce 2000 chapathi per hour; and this machine is designed to perform following operations: Chapathi ball cutting (size can be adjusted); pressing (embedded with heater); floor



spreader; heating portio. The company aim at making their customers home and kitchen fully equipped with a wide range of kitchen and barware and hotel and commercial cooking equipment. All their appliances are showcased here keeping in mind the target audience and their specific preferences.

Contact:

Lakshmi Food Machinery 43/1, KR Puram, Near Bannari Mariamman Temple Shoba Nagar, Avarampalayam, Ganapathy Coimbatore, Tamil Nadu 641 006 🕿 0422 – 256 5500 • Mob: 97877 40500, 75400 63500 E-mail: ifm.cbe@gmail.com

Multi-Functional Gun Drilling Machine, U-960

Vanto Industries a global leader in the deep hole drilling field, offers Multi-Functional Gun Drilling Machine, U-960. Features: Specially developed for thimble holes of small

and medium size molds, and drilling holes of various metal accessories, with multifunction of gun drilling, Type-U drilling, boring, milling, and tapping. Diameter range of gun drilling: dia 1.5 mm - dia 25.0 mm; Diameter range of Type-U drilling: dia 15.0 mm - dia 50.0 mm; Ac-



curate bore diameter, smooth surface, diameter tolerance can reach 0.01 mm. This equipment integrates self-developed stepless acceleration software, high-pressure pump oil tank with seven-stage filter, automatic chip removal system, inside frequency conversion oil cooler, Inside oil mist collector, patented oil shelter. So, this product is highly efficient, energy saving, stable and accurate. Applications: Spindle cold water channel, Precision metal drilling, and Thimble hole for injection mold.

Contact:

Vanto Industries Pvt Ltd

9 Ehara Industrial Complex, Opp: Mutual Engg Pvt Ltd Vill: Waliv, Vasai (East), Dist: Palghar, Maharashtra 401 208 Mob: 88913 59880 • E-mail: gdmsales@vanto-group.com

Reinforced Water Activated Paper Tape

Mexim Adhesive Tapes Pvt Ltd offers Reinforced Water Activated Paper Tape. The features are: water-activated paper tape (WAT) or gummed paper tape is made from nat-

ural starch based adhesive. To use the tape apply water to activate the adhesive. Once applied, the tape bonds with the surface permanently making them tamper-evident. The tape does not get affected by dirt, dust, oil or extreme temperature environments; its features include: Tamper evident: once applied, the tape bonds with the surface perma-



nently, making them tamper-evident; cross weave reinforced fiber glass for increased strength; Kraft Paper: high durability and tear resistance; eco-friendly, 100% recyclable. The company established in 1987, as a trading firm authorized to distribute tapes for Sanghi Polyester in the West-Zone markets of India.

Contact:

Mexim Adhesive Tapes Pvt Ltd 309/3, Gokul Arcade-A, Subhash Road Ville Parle (East), Mumbai 400 057 2022 – 6691 0120 • Mob: 93777 05962 E-mail: sales@mexim.in

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Date: Signature		Nature of Account: IFS Code:	Current IBKL0000455

Circlips

R K Engineering manufactures a wide range of Circlips that are used for restraining axial movement of components of

shafts. These Circlips are used particularly where there are space restrictions. They are also ap-plicable in small mechanism. The Circlips are



made from suitable high carbon steel such as C80 of IS: 1570-19621 or EN42J. They are hardened and tempered. Circlips are also available in SS-304 MOC.

Contact:

R K Engineering Co 12 Nanik Motwane Marg, Opp: HDFC Bank Fort, Mumbai 400 023 Mob: 92210 47336 • E-mail: rkenggcomp@gmail.com

Laser Engraving & Cutting Machine, AccuCut 1212

SIL, a leading laser technology pioneer in India, has been manufacturing a wide range of laser machines since 1990, and supplied laser marking, laser engraving, laser cutting, and laser welding solutions to numerous Indian manufac-

turers across diverse industries. Features: High cutting precision and positional accuracy; Improved edge quality and surface finish; Increased repeatability; Advanced Laser tools for material processing ap-



plications; Drilling and engraving in addition to cutting; Negligible work piece degradation; Cost-effectiveness; Low thermal stress zone; Create high-speed belt drive plotting units with micro stepping drives; Red beam pointer; Z-axis (optional). Specifications of Model AccuCut 1212 – Work-

ing Area: 1200×1200 mm; Laser Type: CO₂ DC Glass Laser Tube/RF Metal Laser Tube; Laser Power Option: Glass Tube – 60/ 80/100/130/150 Watt, Metal Tube – 40/60/80/100/ 200 Watt; Wave Length: 10.6 µm; Supply Voltage:



AC 230 V $\pm 0.05\%$ / ASC 415 V $\pm 0.05\%$; Reposition Accuracy: 0.1 mm (Max); Cutting Speed: 0 ~ 30000 mm/min; Engraving Speed: 0 ~ 64000 mm/min; X, Y Axis: LM Guide Rails SIL Brand; Cooling: Air/Water Cooled; Work Environment: Temp: 0 c ~ 45 c. Humidity: 5% ~ 95%; Acceleration Speed: 1 G; Graphic File Support: PLT, CDR, AI, DWG, DST, DXF, BMP, JPEG, TIFF, GIF, PCX.

Contact:

Suresh Indu Lasers Private Limited Lane No: 07, Plot No: 19, FP No: 117/118, Ramtekdi Indl Estate Hadapsar, Pune, Maharashtra 411 013 200 – 6708 1000 • Mob: 96071 90205 E-mail: info@silasers.com

USB Pen Drive based Data Logger for Humidity and Temperature

Countronics offers a USB Pen Drive based Data logger for Humidity and Temperature. This state of the art logger automatically creates a data file compatible with MS Excel on

the pen drive storing the Humidity and Temperature values along with the date and time stamp making it very simple to use. Just unplug the Pen drive and take it to your PC to view all the data. The unit allows the user to set the rate of logging from 1 second to 99 minutes. No need of any addition-



al complicated software installations. The low cost Pen Drives offer very large storage memory space making this product very economical and easy to use for factory personnel. Capacitive sensor (Dry/Wet sensor also available on request) for humidity and Platinum based temperature sensor provide accurate values for humidity and temperature. Internal Real Time Clock allows data to be time stamped in real time. Available as a panel mounted version with 96 x 96 mm front facia and front loading USB Pen Drive in an ABS cabinet and aesthetically designed front panel.

Contact: Countronics M-95, Connaught Circus, New Delhi 110 001 2011 – 2341 8487 • Mob: 98105 36887 E-mail: info@countronics.com

Mould Shot Counter

Yash Tools (I) Pvt Ltd offers Mould Shot Counter. It positively monitor mould usage by tracking activity for the life

of tool, for precisely knowing the pressing times of molds. Features: Design and made in Taiwan; Two mounting styles are available for easy installation of the mold counter; Working perfectly under (120/ 250); 7-digits (0000000-9999999); Non resettable de-



sign; Pure mechanical design; Stainless steel used for inner metal part; Working available under water. The Company's products range includes Mold Shot Counters, Air Vents; Oil less Guide Rail; Oil less Slide Core Units, Flat Interlock, Round Taper Interlock, Latch Locks, Parting Lock, Slide Retainers, Date Inserts, Air Jet Valves, Air Jet Valves and Air Poppet Valves, Ejector Sleeves, Ejector Pins, etc.

Contact:

Yash Tools (I) Pvt Ltd Shop No: 2, Louis Palace, Tank Road (Shankar Lane Extn) Orlem, Malad (W), Mumbai 400 064 2022 – 2863 1094 • Mob: 93222 58458 E-mail: nikhil@yashtools.in

Gear Tooth Speed & Direction Sensor

CHERRY offers from the house of ZF-TVS two channel hall effect sensor with flange mounting. The SD74 sensor series are Hall Effect products for measuring very slow move-

ments of ferromagnetic targets. It works with an Open Drain Output. Immersion depths from 20 mm to 60 mm are available. The sensor operates from near Zero speed up to 20 kHz sensing capability. Can be used with unregulated power supply. Typical air gap ranges of 0.3 - 2.2 mm. The sensor is IP67



and ROHS compliant. The housing material is of Glass-fibre reinforced thermoplastic having maximum torque of 10 Nm (bolt ISO 4762-M6-8.8, washer ISO 7092-6-200 HV). Typical applications: Electric Drives (stationery and mobile); Automation Systems, Converyors, and Wind Turbines.

Contact:

V G Electric

27 Amrit Niwas, 2nd Floor, 165 K M Sharma Marg Lohar Chawl, Mumbai 400 002 © 022 – 2201 8647 • E-mail: sales@vgswitches.com

Two Stage Screw Compressor

Venus offers Two Stage Screw Compressor. Compressors are often considered Second Utility of many segments like Foundry, Textiles, Ceramic, Cement, Plastic, Power Plants,

Laminates Plastics, and Pharma etc. Two Stage Screw Compressor improves energy by 20-25% with higher flow output at same power rating. Features: High Efficiency Airend – Big Screw Element, Low RPM (1500) high efficiency, Low Energy Consumption small vibration; La-



rge displacement air end match Permanent Magnet Motor, truly realized small motor with high displacement; Guarantee of low compression ratio at every state, smaller lost of engine leakage, higher volume efficiency; Adopts oil mist spray cooling at stage intervals, so as to make the entire compression process is close to isothermal compression adiabatic efficiency. 2-Stage Screw Air Compression gives more flow/unit power; the increase in compression efficiency up to 20%; Payback of investment is less than 12-14 months (Considering 24 x 7); Extended element lifetime due to reduced load on bearings, motors and gears; Reliable operation in hot and dusty environment. Motor and large oversized coolers; Power Cost APP – 0.125 - 0.13 kW/CFM. Contact:

Venus Compressors Pvt Ltd

29 Raviraj Industrial Park, Ahmedabad-Himatnagar Highway Nana Chiloda, Gandhinagar, Ahmedabad, Gujarat 382 330 Mob: 98252 00073 • E-mail: prakash@venuscompressor.com

CNC Hydraulic Press Brakes

Hindustan Hydraulics manufacturing of CNC hydraulic press brakes guarantees a product with engineering excellence, reliability and performance with precision for long

and extensive use. Features: Machine is designed with down stroke press beam working; Rigidly welded steel frame ensuring minimum deflection under load; Full electronic synchronization with advanced proportional



valve technology to ensure continuous monitoring and correction of the press beam and precise control of the parallelism through CNC system; Press beam parallelism and positioning is monitored through two high resolution linear glass scales; Very accurate and precise stroke depth adjustment to accuracy of ± 0.01 mm; Y1-Y2 beam tilting provision of upper press beam up to ±10 mm; Off-centre bending facility on machine without any damage to the guiding system; Operator friendly features like direct angle programming, angle correction, automatic tonnage calculations, speed controls, stroke length adjustment, dwell/ hold time adjustment, decompression distance and decompressions speed, programmable back gauge with retraction ensures flexibility and very low set up and time; Graphical programming, graphical bend sequence and blank length computation ensures ease of operation; Single set machining of the frame structures guarantees in very accurate parallelism along the length of the machine between the lower table and upper press beam; Adaptability to modular tooling system and application friendly 60 mm table; Safety regulations as per the norms.

Contact:

Hindustan Hydraulics Pvt Ltd G T Road, Suranussi, Jalandhar, Punjab 144 027 🕾 0181 – 267 0054 / 267 0055 E-mail: hhpl_sales@vsnl.net

Hydraulic & Pneumatic Products

Savantec Automation (P) Ltd supplies Hydraulic and Pneumatic Products. Their products range includes Air Gun, Air Silencers, Camlock Couplers, Solenoid Valves, Check Valves Fittings, Clamping Cylinders, Clean Fittings, Compact Fittings, Flow Control Valves, Hand Valves, High Pressure Nozzles, HP Couplers, KCC Pneumatic and Hydraulic Cylinders, KOBA Industrial Shock Absorbers, ROTOFLUX Rotary Unions, Sang A PU Fittings and PU Hoses and Couplers, etc.

Contact:

Savantec Automation (P) Ltd No: 3&4, First Floor, Shop No: 6, Mogappair Road Mannurpet, Padi, Chennai 600 050 2044 – 4856 8963 • Mob: 73583 12666 E-mail: sales@savantecap.com

Heat Transfer Solutions

HRS Process Systems Ltd is part of the UK based HRS group, an established name in the field of innovative heat transfer solutions. The Company's focus continues to be in the key growing segments of Chemical, Agrochemical,



Pharmaceuticals, Fruit and Beverages Processing, Dairy Nutraceutical, Prepared Food, etc. Their innovative range of ECOFLUX Corrugated Tube Heat Exchangers, Shell and Tube Heat Exchangers, HRS FUNKE Plate Heat Exchangers, Hot Water System, UNICUS Scraped Surface Heat Exchangers, Systems for food processing and evaporation application processing solutions are required across the industry spectrum. The products range include: Hygienic Piston Pump, Aseptic Sterilizer and Filler, HRS Monoblock, HRS Para Dice: Dice Pasteuriser; Evaporator, UHT Systems, etc. Generic Applications: Heating, Cooling, Condensation, WFI, Clean-in-Place, Sub Cooling, Regeneration, Recuperation, Pasteurization, Heat Recovery, Evaporation, Re-boiling, and Pre-heating.

Contact:

HRS Process Systems Limited 3rd Floor, Kalpataru Infinia, F P No: 21 Old Mumbai-Pune Highway, Wakdewadi, Shivajinagar Pune, Maharashtra 411 004 ☎ 020 – 2566 3581 / 6604 7894 E-mail: info@hrsasia.co.in

The ORID

Siemag Industries supplies a wide range of Orids. Features: An Orid is a mechanical tool that identifies the grade of rubber from the height of the first bounce indicating the

'O' Ring Rubber Compound. The ORID will indicate the material composition of 100, 200, 300 and Amp; 400 Series O-Rings of 60 to 80 Durometer. The Company has successfully developed a variety of control and automation products over the years as a result of continuous effort



and enterprise thereby providing an effective solution to pneumatic control problems. Siemag Industries, a certified ISO 9001:2000 Company was established in the year 1959 primarily for the manufacture and supply of field power accessories especially in the field of pneumatics.

Contact:

Siemag Industries, Mumbai Mob: 84788 47821 / 31 / 91, 77188 75757, 77109 20909 E-mail: info@siemag.net

Round Drag Chains

Kumbhojkar Plastic Moulders a trusted name in Engineering Plastics is winner of many Prestigious Awards for its Design Registered Products. In the existing range of

Round Drag Chains two new sizes with 200 mm bending radius have been introduced viz. RDC-200 x 56 and RDC-225 x 56 where inner height is 56 mm. The models can be opened on both sides by removing the



Hinged type Width Links. Also side pads are there on chain in case of side to side installation. The drag chain is designed, developed and manufactured by the Company in Pune. The individual links can be easily press fitted with hand as per the length requirement. The Chain is available with Metal End Clamps for mounting and is available Ex-stock.

Contact:

Kumbhojkar Plastic Moulders 129, Narayan Peth, Sitaphal Baug Colony Near Mati Ganpati, Pune, Maharashtra 411 030 Mob: 94042 38939, 96070 03424 E-mail: mktg@kumbhojkarplastics.com

Xeros Compressed Air Dryer (Air/Water Cooled)

Sanpar offers Xeros Compressed Air Dryer (Air/Water Cooled). Features: Latest technology of aluminium plate type heat exchanger; Plate type heat exchangers are com-

pact and lightweight; Latest technology of vacuum brazing used on plate type heat exchanger; Optimum selection of compressor with high COP contributes to power benefits; Victaulic coupling provided on the compressed air inlet and outlet connections for easy maintenance; Negligible pressuredrop in the refrigeration line; hence utilizing complete rated cooling capacity of the compressor; Heat ex-



changers can be easily retrofitted; Roto locks at the refrigerant inlet and outlet; Refrigeration piping leak tested with electronic detectors ensuring that the lead is less than 3 g/year; Communication port with interface software provided as an optional feature for remote monitoring; Capacity at 50 to 10,000 CFM; Designed in air and water cooler condenser versions for R134a and R4078c gas. Contact:

Sanpar Industries Pvt Ltd

Plot No: 4, 2nd Cross, KSSIDC Industrial Estate Bommasandra 2nd Stage, Bengaluru, Karnataka 560 099 **2 080 – 4343 5959 • E-mail:** enquiry@sanpar.com

ECO-drain Hi-tech Structured Wall Pipes

The Supreme Industries Ltd supplies ECO-drain Hi-tech structured wall pipes for drainage and sewerage application. Its Unique features: Structural strength – Eco-drain

pipes are designed using Ibeam construction, which provides high moment of inertia and hence sufficiently durable to meet soil over load requirements; Superior hydraulics due to mirror smooth internal surface and hence reduces the possibility of blockage; Unique design of joints with click ring and sealing ring assures completely leak-proof joints; Installation becomes



very convenient and faster due to light weight and longer lengths of pipes. Trench width and gradients requirements are minimized due to simple jointing technique and high flow rates, which results in extensively saving in the installation cost. Excellent resistance to corrosion and chemical attacks. Hygiene and safe – high standard of hygiene is maintained because of the water tight joints and trouble free performance of the pipes without any blockage or leakage. The pipes are sufficiently durable as they resist corrosion, sediment buildup and ill-effects of chemical reaction. Supreme Eco-drain pipes are cost effective, as compared to the conventional pipes and solid wall PVC pipes over the life cycle.

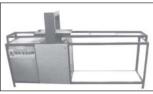
Contact:

The Supreme Industries Ltd 1161/1162 Solitair Corporate Park Building No: 11, 167, Andheri-Ghatkopar Link Road Andheri (East), Mumbai 400 093 쭙 022 – 4043 0000 / 6869 0000 E-mail: pvc-pipes@supreme.co.in

Demagnetizers

Eastwest Engg offers Demagnetizers. The Demagnetization is achieved by keeping the job in the longitudinal magnetization Coil, and passing the reducing AC current through

it. The current can be reduced manually by turning the Current control knob or automatically by Push button control. Bench type Demagnetizers of various length and



hole size can be built against order. Standard Portable Demagnetizers as well as custom designs also available. Eastwest also offers Magnetic Particle Accessories, Magnetic Crack Detectors, Crack Detectors, etc.

Contact:

Eastwest Engineering & Electronics Pvt Ltd D-191, MIDC, Nerul, Navi Mumbai 400 706 중 022 – 2768 6241 • E-mail: info@eastwestndt.com

User-friendly Advanced Automation Tool Measurement System

Indo Nihon Technologies offers User-friendly, affordable, advanced automaton tool measurement System Hathor Six and Six-A. Measurable Range – X-Axis: 15.74" (dia), Z-

Axis: 23.62" (length); Mechanical Draw Bar clamping on most retention knob designs; One-handed Pneumatic Axis locking system; Automatic 360° multiple edge tool measurement (Model A only); 30X Camera Magnification. Indo Nihon Technologies, has made its mission to provide the perfect solution of Customer's manufacturing needs by providing products with ad-



vanced technology and the innovation with the best machine tool accessories available on the market, team of highly experienced product specialists offers unmatched customer service and engineering support to customers nationwide. The products are made in Japan ensuring an extremely high level of quality and long-term resistance. Indo Nihon's line of Tool holders, Rotary Tables, Right Angle heads, Live and Static tools are built to help increase production with little or no maintenance.

Contact:

Indo Nihon Technologies No: 1/1, Ekambaram Naicker Industrial Estate Alapakkam, Chennai 600 116 窓 044 – 4280 5327 • E-mail: sales@indonihon.co.in

Low Smoke Cable Conflame®

KEI's innovative offering Conflame[®] is ideal for wiring solutions in multi-storied buildings, hotels, hospitals, commercial establishments and residential complexes. It is

shielded by a specially formulated flame retardant PVC compound. During fire, ordinary PVC emits black smoke and toxic fumes which are acidic in nature. This impairs visibility and hampers rescue operations. The conflame[®] insulation retards spre-ad of fire and emits minimum smoke and toxic gases.



Thereby reducing the risk of injury. So, give yourself the promise of security and supreme quality. Get KEI house wires and safeguard your home for life.

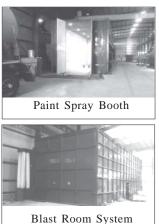
Contact:

KEI Industries LimitedD-90 Okhla Industrial Area, Phase 1New Delhi 110 020🔓 011 – 2681 8840 / 2681 8642 • E-mail: info@kei-ind.com

Shot Blasting & Painting Solutions for Tippers & Trailers Industries

Tippers and Trailer Industries are advancing towards development for bulk transportation. Tippers and Trailers are main bulk road transportation get affected with variable at-

mospherically conditions. To protect them these structures are blasted and required roughness is achieved good bonding strength for painting/ powder coating. Recently Mec Shot has designed, manufactured, supplied and successfully commissioned a Turnkey Project "In-line Mechanical Recovery Blast Room and Side Draft Paint Spray Booth System" for Tippers and Trailer applications. Mechanical Recovery Blast Room System:



Blast Rooms System is a safe and effective way to prepare your metal for finishing. By using an abrasive blast room, business can save time, money, and the environment by recovering and recycling abrasive materials time and time again. 'H' Shape Screw Conveyor Type Recovery with Bucket Elevator System; Portable Abrasive Blaster, Model: P7-1001R; Both Side Door; Cyclone Dust Collector System. Vertical Side Draft Type Paint Spray Booth: Paint Booth is an investment that pays rich dividends by providing superior quality finish, increase in productivity and better working conditions. Both Side Door; Inlet Filter of EU 5 grade; High Holding Andrea USA Paint Trap Filter; High efficient Axial Flow Fan; Prevents spreading of paint and maintains clean air at the operators breathing level as per

Contact:

Mec Shot Blasting Equipments Pvt Ltd B-14, Parshvnath Industrial Estate Yojna, Khasra No: 160 Mogra Kalla, Tehsil Luni, Jodhpur, Rajasthan 342 802 Mob: 70147 31363 • E-mail: mail@mecshot.com

PIV Gearbox Chains

pollution control board norms.

National Engineering offers PIV Gearbox Chains. Features are: it is an import substitute quality PIV chains, designed to suit English, German, Czech as well as Indian make PIV units, are available/developed in slat/laminated. Features include: no slip transmission; shock-less operation under load fluctuation; constant speed ratio; easy speed change; infinite speed setting. The company manufactures precision engineering components and import substitute transmission chains.

Contact:

National Engineering Works 23, Sankar Ghosh Lane, Machuabazar Kolkata, West Bengal 700 006 窓 033 – 2241 4414, 2257 3749 • Mob: 92318 20839 E-mail: nationalengg@bsnl.in

Voltage Tester - Model-KM 66 / KM 69

KUSAM-MECO has 2 voltage testers in their vast range of Digital Test & Measuring Instruments. The Testers have highest safety 'UL/ETL' approval. Model KM 69 is with

display & Model KM 66 is without display. KM-69 displays DC voltage from 0.1 V-1000 V, AC voltage from 0.1 V-1000 V in 8 steps. The sensing is TRMS. It also has AC Detection Shaker & RCD leakage-path. RST (RYB) Phase Sequence rotation and Detection It also has Non contact & Probe contact EF Detection- Auto DCV, ACV & Audible continuity selection. It can check RCD leakage load for 230 V AC / 30 m A RCD Circuit Breakers. It has backlight display & flash light for easy viewing in dark. It is rated for IP 65 protection. It



has Low Battery Warning & Auto Power off function. The housing is made from rugged fire retardant casing. Model KM-66 has similar functions but without display. Contact:

Ginger Paste Making Machine

Sree Valsa Engineering Company offers Ginger Paste Making Machine. The features are: it has constructed a sound manufacturing unit, where they manufacture and export a

quality range of ginger paste making Machine; this machine is used for making ginger paste used as spices in dishes. To manufacture this machine, their expert workforce uses finest quality cast iron and mild steel; available in different technical specifications, their ginger paste making machine is highly demanded in



the market; and its features include: rust proof; high working efficiency; easy to operate.

Contact:

Sree Valsa Engineering Company 261, Nandha Nagar Road, Singanallur, Tamil Nadu 641 005 Mob: 98430 17172, 97871 40064 E-mail: srvlsn@yahoo.com

Double Rotary Press

Imperial Pharmachines Pvt Ltd offers Double Rotary Press. The features are: these double rotary press is available in both open and GMP model. Currently more than 300 of our

machines are producing tablets across the globe; key features of the double rotary press are: Drive shaft made of alloy steel to ensure longer working life; turret ring is detachable from the turret and thereby reducing replacement cost; discharge chute and feed frame are independent of turret guards, thereby reducing cost of mainte-



nance and also eases setting the feed frame; double V-belts to increase life of belts; their open model is simple and basic but performs better than most competition. All the features are similar to GMP model except for front control, ac drive and timer controlled automatic lubrication. Both the models can be provided with de-dusters and dust collection unit. The company launched more than four decades ago, with a small manufacturing unit in Mumbai, is one of the group companies engaged in pharmaceutical machines and tool manufacturing.

Contact:

Imperial Pharmachines Pvt Ltd 136, Shivkrupa Industrial Estate, LBS Marg Vikhroli (W), Mumbai 400 083 2022 – 2578 1989, 2577 0554 • Fax: 022 – 2578 0000 E-mail: sales1@pharmachine.in

Mechanical Shaft

Anar Rub Tech offer Mechanical Shaft. The features are: it has in store a flawless quality of mechanical shaft (bladder less shaft) which consists of steel lugs, brass cam,

ratchet and slotted pipe; the shaft is very beneficial with cores having uneven inside diameter; and also offer a superb quality of such shafts at highly competitive rates. The other basic specifications include: sizes: length as per requirement; suitable for core



ID. 3" and 6". The company established in 1978, is a leading name of the industry actively engaged in manufacturing and supplying all kinds of Rubber Roller. These products are recommended by their clients for their high performance and longer service life.

Contact:

Anar Rub Tech Pvt Ltd No. 7, Panchal Industrial Estate, Near S.B.I. Bank Bapunagar, Ahmedabad, Gujarat 380 024 Mob: 98254 05265, 98250 47390 E-mail: sales@anarrubber.com

Belt Driven Turning Spindles

Capital Engineering Corporation offers Belt Driven Turning Spindles. The features are: they are engaged in offering an extensive range of belt driven turning spindles

which are playing an important role in many industries like production, mining, agriculture, packaging; these are widely used in horizontal or vertical lathes and turning centers professionals are monitoring quality parameters to



ensure best quality products; its features include: spindle is mounted on super precision angular contact bearings accurate rotation control; different designs are available for standard speeds and maximum stiffness. Its advantages include: high cutting forces; high productivity; flexibility; robust and compact; thermally stable behavior. The company specialise in manufacturing and exporting precision spindles from diameter 25 mm to 350 mm, speed up to 1,25,000 RPM length up to 1.5 meter.

Contact:

Capital Engineering Corporation A-7, Ambey Garden, Samaypur Extensive Industrial Area Libaspur (IBP Petrol Pump), New Delhi 110 033 Mob: 98100 56849 • E-mail: yogesh@capitalspindles.com

PVC Conveyor Belts

A G Belting Pvt Ltd offers PVC Conveyor Belts. The features are: they are actively committed towards manufacturing, exporting, importing and supplying PVC conveyor

belts; the offered conveyor belts are highly acclaimed by our customers for its durability, flexibility and remarkable quality; their experts use contemporary techniques and superb quality material for manufacturing these conveyor belts; offered conveyor belts are available in a variety of



specifications to choose; its features include: moderate oilresistance; unaffected by tropical climates; suitable for all temperatures. The company is a manufacturer, supplier, distributor, exporter and importer of conveyor belt and components.

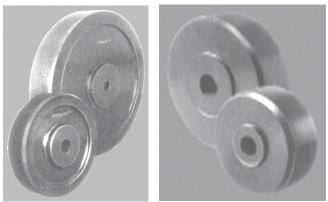
Contact:

A G Belting Pvt Ltd AGE House, E- 69/1, BSR Industrial Area, Site- 1 Behind Loha Mandi, Ghaziabad, Uttar Pradesh 201 009 Mob: 98109 79977, 88004 66515 E-mail: info@agengineers.net

December 2024

UHMW-PE Wheels

Solid Wheels Industries, an ISO 9001:2008 Certified Company as well as D&B Certified, is the world's largest manufacturer of premium quality UHMWPE moulded wheels. These wheels are manufactured from ultrahigh molecular weight polyethylene material. The wheels



have very high load carrying capacity, high impact strength and high wear resistance hence it does not crack under shock of impact load as it happens in nylon or fiber wheels. The material has got very low coefficient of friction, hence pulling or pushing efforts required less; and does not have effect of chemicals and acids. It is not hard like iron hence these wheels does not damage the floor. These wheels are moulded under controlled temperature and pressure in accurately formed close fitting moulds for unique strength and toughness, and are made by compression moulding process. Solid Wheels Industries with latest technology, in-house mold manufacturing facilities, make the company a unique organization with competitive edge manufacturing of large scale cost effective and quality products.

Contact:

Solid Wheels Industries 57/B1, 2, 11-13 Panchratna Indl Estate, Sarkhej-Bavla Road Changodar, Dist: Ahmedabad, Gujarat 382 213 Mob: 98250 63805, 98250 08366 E-mail: info@solidwheels.com

Fastener Tooling & Machines

Seth Fastener Tools imports and deals of Fastener Toolings like Header Punch, Threading Dies, Fastener Machines, Carbide Dies/Heading Dies; Trimming Dies; Slotting Cutters, HSS Parting Tools, KO Pins; Thread Ring Gauges and other instruments; Diamond Paste/Powder, Tungsten Rod, ND File and all other fastener tools. The Company's offered products include Cold Heading machine; Threading machine; Bolt/Nut Former; Semi-Tubular Rivet machine, Washer Assembly machine, etc.

Contact:

Seth Fastener Tools 320 Industrial Area, Phase 1, Chandigarh 160 002 Mob: 70873 16469, 95697 96839 E-mail: sethtradingcompanychd@gmail.com

Expander Sealing Plugs

Iyappan Expander sealing plug consists of ball and sleeve. The sleeve is inserted in the bore of base metal. When the ball is pressed into the sleeve, the sleeve which has ser-

ration on the outer surface will dig into the base metal to provide a secure anchorage. Features: Working pressure range 300 bar/4350 PSI; Product range: 4 mm dia to 22 mm dia; Stainless Steel construction for corrosionresistant application; Quick and easy installation; Complete mechani-



cal sealing through anchorage with base material; Expander sealing plug is used to provide leak proof sealing of drilled holes in fluid power components. Applications: Iyappan Expanders are extensively used in hydraulic components. Also used in Hydraulic Control Systems; Pneumatic Control Systems; Hydraulic Pumps and Motors; Hydraulic Cylinders; Hydraulic Valves; and Power Transmission Components.

Contact:

Iyappan Engineering Industries Pvt Limited 107/A, SIDCO Industrial Estate, Ambattur, Chennai 600 098 2044 – 2625 2073, 2625 2173 • E-mail: iyappan@airtelmail.in

Ceramics for Molten Metal Handling Applications, CUMITHERM

Carborundum Universal offers CUMITHERM ceramics for molten metal handling applications. It is ideally suited for non-ferrous cast-houses and foundries doe to its extraor-

dinary properties of high thermal shock resistance, low thermal conductivity and nonwettability to most non-ferrous molten metal. These properties are achieved by combining high purity alumina and Titania in a precision controlled reaction sintered process to engineer a micro-porous microstructure. Applications: Feeders/Risers/Stalk for low pressure die casting;



Dosing tubes; Sprue/Gate bushes, Cups and Connectors; Casting spouts, flow rods, retainer rings; Nozzles, crucibles; Tap hole plugs and rings; Customised special components; Launders; Induction heating.

Contact:

Carborundum Universal Limited Industrial Ceramics Div, #47, 48 (Part) SIPCOT Indl Complex Hosur, Tamil Nadu 635 126 ☎ 04344 – 30 4700, 30 4713 E-mail: customercareic@cumi.murugappa.com

IR Thermal Imaging Camera Model KM 308 / KM 309

KUSAM-MECO has introduced 2 New Models of Thermal Imagers Model KM-308 & KM-309. Both models command excellent quality accuracy & Reliability. The IR thermal im-



els. The temperature range of KM 308 is -10°C to 600°C & that of KM - 309 is -10° C to 450° C. It displays the hottest, coldest, central point, zone are temperature measurement. The color pattern is Tyrian, White Hot, Black Hot, Iron Rainbow glory, Hottest & Coldest. The visible resolution is 640 x 480 pixels. The Display resolution is 320 x 240. Display size 3.5 inches. The image mode has outline fusion, overlay fusion, picture-in-picture, infrared thermal imaging, visible light. The Construction is IP 54. It operates 5000mAh Battery, Charger required +5V & e"2A universal USB Charger. It has built in memory about 6.6GB available and can store more than 20,000 pictures. File format is TIFF format which supports full frame pictures for temperature Analysis. It is provided with USB type -C which supports Battery charging & data transmission. It provides Wi-Fi interface SDK for secondary development. It weight approximately 420gm (net) 970g (gross including packing box). The operating temperature is -20 to 60°C & storage temperature is -40°C to 85°C. It is supplied with battery, manual, carrying case.

Contact:

Kusam Electrical Industries Ltd. Shop no.18, 1st Floor, CIDCO Shopping Complex Plot # 9, Sector-7, Rajiv Gandhi Marg Sanpada, Navi Mumbai 400705 🕿 022 - 2775 4546, 2775 0662 • E-mail: sales@kusam-meco.co.in

Visit: www.ips.co.in to view our e-magazine

Extractor Arm

Powertech Pollution Controls Pvt Ltd Extractor Arm. The features are: the extractor arm is device which allows the user to position a suction hood to capture fumes or dust

close the generation spot with complete ease and flexibility; this highly useful accessory may be used with the Fumekiller(R) and DustBag(R) units maintenance and running costs are low as all components are built for continuous, reliable, safe and efficient use; the extractor arm consists of 2 ducts made of



aluminium or stainless steel, connected by PVC flexible hoses and mounted on interconnected support rods with friction-loaded pivots. A suction hood is attached to one end. The other end is attached to a rotating hollow cylinder; the arm can also be fitted to overhead ducting to provide suction points close to the flow level for the capture of fumes or dust from pollution generation spots. The company started in 1996, for the design and manufacture of a wide range of air pollution control equipment.

Contact:

Powertech Pollution Controls Pvt Ltd 22/3, RM Rajanna Building, Munikrishnappa Road, Ramachandrapura, Jalahalli Post Bengaluru, Karnataka 560 013 2080 – 2345 2156, 2345 2256 E-mail: powertech@airtelmail.in, philipthomas@powertechindia.com

Roots Vacuum Pumps

Toshniwal Instruments (Madras) offers Roots Vacuum Pumps. The Roots-type pumps belong to the group of positive displacement delivery pumps. Two symmetrical

pistons having an eight feature, housed in the pump body, rotate in opposite directions with no contact neither between each other or with the pump body, meshing continuously. The pistons are driven by a set of gears



with synchronized rotation, which guarantees friction free movement. During rotation, a progressively growing space is created with corresponds to the suction stage: phase 1 and 2, being gradually decreased phase 3 and 4, compressing the volume of gas. This cycle is repeated four times per each complete rotation of the drive shaft. Contact:

Toshniwal Instruments (Madras) Pvt Ltd 267 Kilpauk Garden Road, Chennai 600 010 ☎ 044 – 2644 8983 • Fax: 044 – 2644 1820 E-mail: sales@toshniwal.net

Timing Belt Drives

Kwedos' Timing Belt Drives Systems are especially suitable for application where high efficiencies, constant angular velocity, Synchronization, fixed center, low operating tension and freedom from maintenance are important de-

sign parameters. Timing Belt are basically flat belt with a series of evenly spaced on the inside circumstances, there by combining the advantage of the flat belt with the positive grip feature of chain and gears drives. The tension members helically wound



cable is embedded in neoprene or polyurethane which gives enormous strength, excellent flex life and high resistance to elongation. Moulded integrally neoprene tooth are precisely formed and accurately spaced. The tough, wear resistant fabric nylon facing covers the belts wearing surfaces. Advantages are: Timer belt drives are positive grip devices. There is no chordal rise or fall of pitch line, no slippage and no belt creeps. This belt require no lubrication because there is no metal to metal contact and the noise level is low in normal speed range. Small pitch belt can transmit positive motion while operating at high speed. Power capacity of Timer belt drive ranges from sub-fractional to approximately 800 HP. Special functions, Many Timer belts drives are used for functional rather than power transmission application. Because they travel with predictable positive, nonslip, precision, designers have created a variety of devices. As example, angular drive, triangular drive, square drive, deflection drive, multi shaft drive, reversing drive, conveyor belt drive etc. Also tubing cutoff system, fabricating cartons, elevator conveyor for ball bearing, drive track for snow mobile etc.

Contact:

TRP Kwedos Belt Drives B-2, Alaukik Flats, Nr: Dwarkesh Tower Judges Bunglows Road, Bodakdev Ahmedabad, Gujarat 380 015 Telefax: 079 – 2687 0311 • Mob: 99251 11749 E-mail: sales@kwedos.com / info@kwedos.in

Rubber & Plastics Packaging Products

UD Pharma Rubber Products manufactures Rubber and Plastic Products for Pharmaceutical industry. The company's products range includes: Dropper Assembly in different types, sizes and colours and as per customers specific requirements; Rubber Teats; Rubber Stoppers; Diagnostics Packaging products; Measuring Cups; etc.

Contact:

UD Pharma Rubber Products Plot No: R-58/1, TTC Industrial Area, MIDC Rabale, Thane Belapur Road, Navi Mumbai 400 701 © 022 – 2769 6262 • Mob: 98211 99941 E-mail: info@udpharmaproducts.com

En-Masse Conveyors & Drag Chain Conveyors

MASYC Projects supplies En-Masse Conveyors, which are the ideal mechanical devices for handling various materials like cement, coal, limestone, grains and pulses etc.

These conveyors are best suited for handling powdered and granular materials. These machines ensure very mild and soft handling which is very essential for powdered materials. The En-Masse Conveyors are very popular because these are very cheap, easy to maintain



and are very economical due to low operating costs and lower power consumption compared to other material handling systems.

Contact:

MASYC Projects Pvt Ltd

23 Community Center, Mayapuri Phase-I, New Delhi 110 064 窓 011 – 2811 5745, 2811 5453 • Fax: 011 – 2811 6850 E-mail: masyc@masycproject.com

Speciality Paper Chemicals

K-Tech (India) offers Speciality Paper Chemicals. The paper chemicals, paper making chemicals, paper industry chemicals, etc. are made with the best available raw material, and are mainly used by paper manufacturers. Other products range includes de-inking agents, slime control agents, defoamers and de-aerators, wet strength improver, water repellents, pulp flocculants, retention agents, wetting, dispersing agents, sizing agents, binding agents, wax emulsifiers, paper industry chemicals, paper sizing chemicals, paper coating chemicals and many more. The company is dynamic, focused and rapidly emerging professionally managed with core competencies in specialty chemicals, specialty coating additives, polymer additives, rubber additives, paint additives, etc.

Contact:

K-Tech (India) Limited No: 7- B, Bata Compound, Near Flower Valley EEH Khopat, Thane, Maharashtra 576 117 Mob: 80487 04515 • E-mail: response@ktechadditives.com

PVC Stabilizers

Sunflag Group manufactures PVC Stabilizers, which are manufactured to highest quality standards available and conform to international standards. Purity of metal and high activity of the products is the advantage. These stabilizers are used in all kinds of PVC processing like pipes, cables, footwear, profiles, furniture and components.

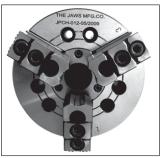
Sunflag Group 102 Himland House, Ranjit Nagar Commercial Complex New Delhi 110 007 Telefax: 011 – 2570 4081 • Mob: 98110 18942 E-mail: sunflag102@yahoo.com

Contact:

Power Chucks

Power chucks are manufactured in 2, 3, 4, 5, 6, 8 and 12 jaw Types up to 800 mm diameter. Range: 80 mm to 800 mm in close centre type, and 135 mm to 800 mm in high speed

hollow type. The chuck body is made of alloy steel-robust construction, the hard jaws, base jaws, wedge are hardened and ground to suit customer needs. Features: Front opening design saves cleaning and servicing time since chuck does not need to be taken off from spindle;



Clamping and declamping time is saved; Higher rate of material removal is possible; Keying time saved, hence operator fatigue is also eliminated; Repeatability maintained within 30 microns. Technical Features – Body: Alloy Steel; Guide Ways: Hardened and ground; Wedge: Hardened and ground on all surfaces; Base Jaws: Guided in deep, wide, hardened slots on the body with serration on the top surface; Hard Jaws: Case hardened and ground. Also offers Soft Jaws, Hard Jaws and Special Jaws. The Company manufactures soft jaws and hard jaws in the following types: 1.5 mm x 60° serrations - these are suitable for Kitagawa, Pratt Burnerd, Howa, Schunk, etc, chucks; 1/16" x 90 serrations; also have facilities to manufacture any serration be it 1.5 mm x 60, 2 mm x 60, 2.5 mm x 60, 3 mm x 60, 3/32" x 90, etc; Tongue and Groove type jaws also known as Tenon type jaws; Teeth type jaws - for scroll operated chucks. Jayesh specialises in the manufacture of jaws as per customer drawings/requirements.

Contact:

Jayesh Enterprises 103 First Floor, Ramtekdi Industrial Area Hadapsar, Pune, Maharashtra 411 013 Mob: 91588 66112, 91588 66113, 91588 66114 E-mail: jawssales@jawsindia.com

Inverter Wire Harness

Sparsh Electronics offers Inverter Wire Harness, which are

widely used in various industries for assembling UPS, washing machine and inverters; available in varied specifications, the products are highly admired by a large number of clients; and have



gained huge appreciation across the globe for their premium quality and cost-effectiveness. The company is a manufacturer of wiring harness and other products.

Contact:

Sparsh Electronics Gat No: 496/1, Rokdoba Industries, Khandale Matha Near 7/12 Hotel, Nagar Road, Ranjangaon Pune, Maharashtra 412 209 Mob: 84110 22333, 70309 55409 E-mail: sparshelectronics@yahoo.in

Acrylic Body Manometers

Fitzer Instruments offers solid acrylic body U-tube, inclined and single limb type manometers, which are accurate and dependable as well as highly versatile for many applica-

tions. Scales are graduated to correct for the drop in the well level for inclined and single limb manometer for high accuracy. General specifications – Body: fabricated in 25/32 mm thick



acrylic plastic solid block virtually unbreakable stable and free from distortion; Scale graduation: plastic milky white printed scale; Manometric fluid: red gauge oil, specific gravity 0.823; End connection: 1/4" BSP (F) or PVC nozzle type; Packing: Neoprene/PTFE; Mounting: wall panel and flush mounting holes; Accessories: Plastic box contains liquid storage bottle and liquid filling funnel arrangement – zero adjusting knob, level bulb; Accuracy: $\pm 0.25\%$, $\pm 0.1\%$ of FSD or better; Test pressure: 1.5 time of operating pressure; and Temperature: below 70°C.

Contact:

Fitzer Instruments Company (India) Atali, Near Ambivali Station (W), PO: Mohone Tal: Kalyan, Dist: Thane, Maharashtra 421 102 Mob: 86918 16354 / 86918 16355 / 86918 16356 E-mail: fitzergujarat@rediffmail.com

Spur Gears

Covaai Gears offers a qualitative array of spur gears that are available in different sizes and dimensions as per the needs and requirements of end users. These spur gears are

easy to install and are highly appreciated for their seamless finish and dimensional accuracy. These gears are highly reliable and perform flawlessly. The company has maintained high standards by providing superior quality spur gears. These spurs are designed to exactly meet the set industrial norms



and standards. Backed by expert professional, the company provides best customization facility to deliver the exactly desired product in accordance with given specifications. Features: flawlessness; high tensile strength; easyinstallation; and rigid construction. Covaai Gears leveraged well qualified and experienced engineers and modern facilities with expertise in gear technology to emerge as one of the leading manufacturers of gearboxes.

Contact:

Covaai Gears No: 80, Lakshmi Nagar, 3rd Street, Nallampalayam Coimbatore, Tamil Nadu 641 027 Mob: 98433 44935, 99430 44935 E-mail: sales@covaaigears.com

Butterfly Valve

Nirmala Pumps & Equipments offers a wide range of Butterfly Valve. The features are: butterfly valve design is an essential aspect which controls the flow of fluid through

a piping system; it has a quick opening and closing quarter-turn function that controls the flow of gases or liquids. Butterfly valve typically pivots on an axis perpendicular to the direction of flow inside the flow chamber and is situated on a spindle that allows for flow in a single direction; this valve is frequently used as a throttling device which controls the level of flow in entirely closed/



opened or partially opened positions; and they offer butterfly valves in various materials such as PVC, aluminum, stainless steel, ductile iron, carbon steel etc. The company established in 1989, is acclaimed for the manufacturing and supplying broad spectrum of Pump and Valve.

Contact:

Nirmala Pumps & Equipments Shed No. 74-75, Gangotri Estate, Near Vatva Ramol Cir Phase IV, Ahmedabad, Gujarat 382 445 Mob: 84012 62518 • E-mail: sales@nirmalapumps.com

Wire Rope Electric Hoist

Jayco Hoist offers Wire Rope Electric Hoist. Features: wire rope electric hoists are compact, rugged and elegant in appearance to accommodate specific requirements, flexible

trolleys to negotiate small radius, high speeds, and high lifts; hoists suitable for steel mill duty, foundries, and chemical plants. The hoists are of fixed type or movable with travelling trolleys. Top-quality trolley hoists have a low headroom configuration that provides the lowest headroom possible by positioning the trolley parallel with the beam; the wire rope electric hoists are a tru-



ly unique hoists offering engineered for maximum operator comfort and control. Available in different capacities of 500 kg to 20,000 kg with different adjustable speeds, the hoists are able to handle awkward loads by providing precise load positioning. Jayco is one of the leading manufacturers of electric hoists, cranes, goods lifts, hydraulic lifts, stackers, and other material handling equipments. Contact:

Jayco Hoist & Cranes Mfg Co Unit 17, Dewan & Shah Industrial Estate 3, Navghar Vasai Road (E), Palghar, Maharashtra 401 210 Mob: 93213 13691 • E-mail: jaycohoist@gmail.com

Superior Rolling Moment with Cover Strip Linear Guideway

IBK Engineers Pvt Ltd offers Superior Rolling Moment with Cover Strip Linear Guideway. The features are: CG series guideways can be classified into non-interchangeable and

interchangeable types. The sizes are identical. The only difference between the two types is that the interchangeable type of blocks and rails can be freely exchanged, and their accuracy can reach up to P class. The model number of CG series contains the



size, type, accuracy class, preload class, etc.; and its features include: O-type Configuration; higher rolling moment capacity; new lubrication path design; fully lubricated; rail with cover strip; stainless steel material; quick installation; protects wiper seal from fastener damage; protects block from particles that could collect in mounting hole. The company established in 2014, is engaged in the wholesaling, supplying, distributing and trading of deep groove ball bearing, mechanical bearing, roller chain, steel rear sprocket, safety equipment, automotive components, electric equipment, etc.

Contact:

IBK Engineers Pvt Ltd

B-219, 4th Cross Road, Peenya 1st Stage, Netaji Nagar Peenya Industrial Estate, Bengaluru, Karnataka 560 058 ☎ 080 – 2632 1112 • Mob: 98805 66644 E-mail: raju.kn@ibizkart.com

CI Taper Lock Pulley

Hasmukhlal & Brothers offers a wide range of quality assured assortment of CI Taper Lock Pulleys. Features are: These products are manufactured with advanced technol-

ogy and equipment to assure the production of faultless products; these products are extremely appreciated for their durability, reliability, corrosion resistant, abrasion resistant, and long service life; and its features include: long service life; high performance; lightweight; ex-



cellent strength. The company, an ISO 9001:2000 certified organisation is engaged in manufacturing, supplying and exporting power transmission equipment, oil seals, threads and various industrial components.

Contact:

Hasmukhlal & Brothers No: 7, Samrat Industrial Area, Gondal Road B/h: Chandan Marble, Rajkot, Gujarat 360 004 Mob: 98253 40600 / 98797 60004 E-mail: bonnaflex@gmail.com

Edge Protector Making Plant

K U Sodalamuthu And Co Pvt Ltd, an ISO 9001: 2008 Company, offers Sodaltech Edge Protector Making Plant is made heavy duty to produce high strength paper edge protec-



tors and 'U' Profile channels which are very ideal to prevent damages to edges of various palletized goods and circular goods like paper reels, steel coils etc. The machine is rugged, yet easy to use. It has facility to interchange profile design and variable speed drive for faster setting and control of process wastage. The future of packaging lies in the recyclability of most of the packaging materials. Edge protector is an environment-friendly product using strong paper board which is easily recycled. The use of edge protectors eliminates the damage to edges and corners in handling, warehousing and transport operations. Contact:

K U Sodalamuthu And Co Pvt Ltd 428 Mettupalayam Road, Coimbatore, Tamil Nadu 641 043 ☎ 244 1223 • E-mail: sales@sodaltech.net

Incremental Optical Scale for Large Machines, GVS 900

Givi Misure Pvt Ltd offers GVS 900 Incremental Optical Scale for Large Machines. Its features: Incremental optical scale, available in a single piece or in modular version for large machines (up to 30040 mm of measuring length



or higher on request). Application in various industries fields such as machine tools, vertical lathes, gantry machines, laser/plasma cutting machines, robotics, automation, etc. Statinless steel grating, interal with the machine guide, for an excellent accuracy at any temperature. Resolutions up to 0.1 μ m, Accuracy grade 5 μ m. Rigidly bound modules for a perfect seal against liquids and environmental dirty, unaltered over time.

Contact:

Givi Misure Pvt Ltd

VITC Export Bhavan, 1st Block, Plot No: 488 KIADB Complex, 14th Cross, IV Phase, Peenya Indl Area Bengaluru, Karnataka 560 058 20 080 – 4127 2559 Mob: 99000 28662/99000 28663 E-mail: info@givimisureindia.com

PE Corrosion Resistant Fan

Eyyani Electric Machines Pvt Ltd offers PE Corrosion Resistant Fan, which is manufactured in PVC. Features include: the casing is made of Polyethylene, Impeller is of

reinforced polypropylene, backward inclined, airfoil the special; facilitate the air flow through the casing with improved efficiency. PE fan is used in the chemical industry, electronics, pharmaceutical, instruments, mines, laboratories, environment protection equipment, ventilation and elimination in acidi-



ty and alkalinity and other harmful and ventilation purposes. The fan is resistant to chemical corrosion, mechanical vibration, low noise, smooth running characteristics; do not allow the transmission of gas containing viscous containing hard particles of $< 150 \text{ mg/m}^3$, dust and gas temperature, 122° F, the relative humidity is less than 100%. Fan set arrangement is with base frame.

Contact:

Eyyani Electric Machines Pvt Ltd B-234, 5th Main, 2nd Stage, Peenya Industrial Estate Bangalore, Karnataka 560 058 2080 – 2836 4923 • Mob: 94482 03842, 87623 86315 E-mail: eyyanielectric@gmail.com

Wireless Panic Alarm

Forbix Semicon Technologies offers a wide range of Wireless Panic Alarm. The features are: a panic alarm system for residential gated communities, as can be seen in the

picture. In particular, this group comprises six remote panic buttons and a receiver with a red beacon light and a 2-digit display. That is to say, the receiver console displays the calling remote number; the



very instant a remote button is pressed, the receiver eventuates the code red alert. Since the receiver is accompanied by an inbuilt siren sound, as soon as a sound is alerted along with the calling number, the security can rush to the location. On this occasion, the guard needs to clear off the display indicator after attending the call. In conclusion, the solution serves as the best and most secure means for household purposes. The company specializes in electronic and wireless automation products.

Contact:

Forbix Semicon Technologies Pvt Ltd C4, 2nd Left, Fern City Road, Outer Ring Road Doddanekundi Marathahalli, Bengaluru, Karnataka 560 037 Mob: 97421 59846, 97423 70190 E-mail: forbix.semicon.sales4@gmail.com

Spring Washer

Khanwalkar Industries was established in the year 1975. Khanwalkar industries, an ISO 9001:2015 certified company manufacturing CARBON brand Spring Washer in carbon steel

(EN-42B), and in stainless steel (SS-304). These are manufactured on automatic machines within close tolerances and under strict quality control that are applicable to production process. This ensures that compo-



nents conform to consistent quality and high standards. The company supplies its product CARBON Spring Washers conforming to various Standards like ISS, BSS, DIN, ASA, JIS and also in Stainless Steel (SS-304, SS-316 and SS-202) all over India. Washers conforming to special sizes and Combi sizes are also available. Washers are manufactured in ID size 2.5 mm to 50 mm in natural black and in electroplated coating with blue, golden green finish and with trivalent coating. Besides the spring washers, the Company has diversified into manufacturing of spring washers machines.

Contact:.

Khanwalkar Industries 36-C, Sector B, Sanwer Road, Industrial Area Indore, Madhya Pradesh 452 015 🕿 0731 – 272 1527, 404 6226 • Mob: 99935 55087 E-mail: khanwalkar08@gmail.com

Plain Setting Masters

Jayesh Enterprises offers high quality TIECO brand Setting Masters. Plain setting masters are used to set the dial comparator stands to the required size; this eliminates the



cost of slip gauges. Plain setting masters are used to set a Floating Carriage diameter-measuring machine while checking thread gauges. These are available from 1 mm to 150 mm and made as per IS 4349: 1987. Tolerance on diameter is as per IS standard and lapped to high surface finish. The gauges are calibrated in their ISO/IEC-19025:2005 certified by NABL laboratory at 20°C. using the latest TRIMOS measuring instruments and QMSoft[®] software. The other products include thread gauges, plug gauges, ring gauges, snap gauges, taper gauges and special gauges.

Contact:

Jayesh Enterprises 103 First Floor, Ramtekdi Industrial Area Hadapsar, Pune, Maharashtra 411 013 Mob: 91588 66112, 91588 66113, 91588 66114 E-mail: jawssales@jawsindia.com

Shot Blasting Machines

Patel Furnace & Forging Pvt Ltd, a leading manufacturer of Shot Blasting Machines offers a range of machines like Swing Table Type Shot Blasting machine, Manganese

Mesh Conveyor Shot Blasting machine, Plate Shot Blasting machine (Roller Conveyor Type), Multipurpose Shot Bla-sting machine, Quartz Stone Shot Blasting machine, Beam Shot Blasting machine (Roller Conveyor), Tumblast (Barrel Type) Shot Blasting machine, Continuous Monorail Hanger Type Shot



Blasting machine (*Pix*), Shot Peening Machine, Sand Blasting Machine, Surface Preparation Equipment and Metal Finishing Machine, has supplied more than 3000 machines in India and International Market has experience and technical expertise to deal with variety of applications. They offer machines with new designs and new concepts for Foundry, Forging, Shot Peening, Billet Cleaning, Strip Cleaning, wire Descaling and Air Pollution Control Equipments. The Company provides genuine, economical and unmatched spares for all types of Shot Blasting and Sand Blasting Machines.

Contact:

Patel Furnace & Forging Pvt Ltd A/2-510, GIDC, Makarpura, Vadodara, Gujarat 390 010 20265 – 264 4864 • Mob: 97370 61333 E-mail: info@pshotblast.com

Air Sterilizer

Haris air sterilizer is suitable for homes, malls, call centers, offices, hospitals, operation theatres, cinema halls, banks, ATM centers, A/C buses and A/C rail coaches, etc. Fea-

tures: Ion (-) – more than 8 million ions are generated per second creating a fresh environment. Ozone (optional) – it generates around 50 mg ozone per hour removing the organic odour effectively, and increases the quality of oxygen in the air. Activated carbon – catalyze and



neutralizes the harmful gases like formaldehyde, H_2S , NH_3 efficiently. The absorption area of the activated carbon in the unit is up to 30 square metres. Photo catalyst – restricts growth of the virus effectively. UV light – the sterilization rate is more than 97.6%. HEPA filters – absorbs particulate down to 0.0001 mm like pollen, dust and germs with purification efficiency of up to 99.999%. Aroma (optional) – there is a solid aroma box to emit fresh and natural floral perfume. Contact:

Haris Sensor Technologies Pvt Ltd 223 Shanti Industrial Estate, Sarojini Naidu Road Mulund (W), Mumbai 400 080 Telefax: 022 – 4506 4490 • Mob: 98200 84083 E-mail: info@haris.in

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Thermoplastic Composite Road Tanker

Arvind Anticor Ltd is a largest manufacturer and exporter of Thermoplastic Storage Tanks, Polypropylene Pickling Tanks, Acid/Zinc Fume Extraction and Scrubbing systems,

Metal Treatment Plants and Surface Treatment Plants, offers Thermoplastic Composite Road Tanker. User Benefits: 100% Leak Proof reliable and fail proof weld joint;



Longer Life (Up to 10 years); Human expertise not needed; Weld strength as good as parent material; CNC programme Console for consistent performance; Butt Welding process on German Welding Machine. Advantages: The chemical resistance of Thermoplastic Composite Road Tanks is superior to the resistance offered by metal tankers and all chemicals used in the industry can be safely transported; Have a greater strength to weight ratio than other metal. This reduces the weight of the tankers resulting in higher payload; Maintenance costs are less. The appearance of Thermoplastic Composite Road Tankers units is attractive and requires little attention and much less frequent painting; Thermoplastic Composite Road Tankers are resistant to ultra-violet light; Special resins can be used for corrosion resistance depending upon nature of chemical to be transported; the tankers are manufactured with help of filament winding process were in the main shell and the dish end form one integrated products; Unique special design of steel housing on Thermoplastic Tankers for protection against failure due to road accidents. Contact:

Contact.

Arvind Anticor Ltd Phase-IV, Vatva GIDC, Opp: Hanuman Temple, On Mehemdabad Highway, Ahmedabad, Gujarat 382 405 2079 – 2584 0689 • Mob: 93745 23400 E-mail: info@plastic.com

Mould Bases

PreMould Base Engineers offers Pre Mould Bases as per customer's design for Pressure Die Casting Dies; Hot Runner Moulds; Stripper Ejection Moulds; Gear Ejection



Moulds; Multi Cavity Cap Moulds; Compression Moulds; Preform Moulds, etc. Mould Bases in any specification, for any application can be delivered on time within a period of 20 days to 45 days depending on size and complexity of Mould Base, says the Company.

Contact:

Pure Steam Generator

Aureole Process Equipment Pvt Ltd offers Pure Steam Generator, which is ideal for generation of sterile pyrogen free steam used in the steam sterilizers and for SIP of ves-

sels, pipelines, lyophilizers, etc. Salient Features: All contact parts are in AISI 316/AISI SS 316L; To assure WFI quality and increase the life of equipment Inner Contact Surfaces are electro polished; Double Tube Sheets is constructed in the first column where boiler steam is present; Sanitary Tricolor fittings are used for quick and easy preventive maintenance; All pipes and Tubes are seamless and gaskets made from PTFE material; PLC based system for automated operation with all required inter locks and validated logic with skid mounted AISI SS 304 control panel with printing facility; High Purity Flow Diversion



Valve is provided for protection of High Purity Steam Quality; Insulation is made with 3 cm Mineral Wool covered by AISI 304 Stainless Steel sheet; Magnetic Control System is provided for first column to control Water i.e. High Level and Low Level; Fast response to Pure Steam demand. Aureole's Pure Steam Generator meets the ASME, BPE & cGMP specifications. Pure steam generator produces pyrogen from sterile steam for sterilization which meets international standards including Indian, British and United States pharmacopoeia. The pure steam generated is widely used in medical field, biochemical, piping and tank and sterilization. The pure steam produced from PSG is according to FINN AQUA Design and it is low maintenance and low operational costs.

Contact:

Aureole Process Equipment Pvt Ltd Plot No: 95, Infinity Square Building, Unit No: 206 2nd Floor, Waliv Road, Golani Naka Vasai (East), Dist: Palghar, Maharashtra 401 208 Mob: 91452 51510 / 99234 83495 / 72640 66111 E-mail: mkt@aureoleproequip.com

Pipe*Fix*

Astral offers a long lasting adhesive solution Pipe*Fix*. It is a low VOC Solvent cement, available in Metal Container packing of 50 ml, 118 ml, 237 ml, 473 ml and 946 ml. Suitable for CPVC and PVC piping system.

Contact: Astral Limited

207/1 Astral House, B/h: Rajpath Club, Off SG Highway Ahmedabad, Gujarat 380 059 窓 079 – 6621 2000 • E-mail: sales@astralltd.com



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IMTEX 2025

Indian Machine Tool Manufacturers' Association (IMT-MA) organizes the 22nd edition of IMTEX with a focus on metal cutting and manufacturing technologies from 23 - 29 January 2025 at the Bangalore International Exhibition Centre (BIEC) in Bengaluru. Concurrent shows, Tooltech and Digital Manufacturing will be held simultaneously.

IMTEX has always been a showstopper for machine tool builders as one of the leading machine tool and manufacturing technology shows in the world. Participating in IMTEX would allow you to garner business orders, generate good business enquiries, connect with industry professionals, gain knowledge, and find new market opportunities.

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Opportunity to meet business partners at International Trade Fairs around the world in 2025

Visit to trade exhibitions is now one of the most important strategy for all businessmen to enable to meet trade partners from all over the world. Such visits help trade visitors to study the latest developments in their respective fields of business to upgrade their products and technology, establish useful contacts with Manufacturers, Dealers, Technologies and Raw Materials suppliers.

Mr Om Prakash, Director InOrbit Tours Pvt Ltd has been the pioneers for 50 years to offer such opportunities to Indian Businessmen and Industrialists, supported by large number of success stories of the visitors and Awards from many countries.

Some of the important Trade Fairs in 2025 are listed below:

• CHINA INTERNATIONAL AGROCHEMICAL & CROP PROTECTION EXPO 25 – (17 to 19 March 2025) (Fertilizers, Seeds, Greenhouse, Drone, AgTech, Equipment)

• BAUMA MUNICH, Germany 2025 – (07 to 13 April 2025)– (Construction & Building, Mining Technology)

• SINO CORRUGATED, China 2025 – (08 to 10 April 2025)– (Packaging & Printing)

• CHINAPLAS 2025, China – (15 to 18 April 2025) – (Plastics & Rubber Technology)

• CHINA INTERDYE 2025, China – (16 to 18 April 2025) – (Dye Industry – Pigments & Textile Chemicals) • CANTON PHASE 1 – China (15 to 19 April 2025) – (Consumer Electronics, Household Electrical Appliances, Lighting)

• CPHI CHINA 2025 China – (24 to 26 June 2025) – (Pharma Machinery Packaging & Drug Delivery, Laboratory Instrument & Equipment, Clean Technology & Environmental Protection, Bioengineering, Life Science Instruments)

• K 2025, Germany – (08 to 15 October 2025) - (Plastics & Rubber Technology)

• ACHEMASIA 2025 China – (14 to 16 October 2025) – (Process technology, Pharmaceutical Technology and Digitalization

• ANUGA 2025 Germany – (4 to 8 October 2025) – (Food Technology)

• CPHI WORLDWIDE Frankfurt, Germany – (28 to 30 October 2025) – (Machinery & Equipment, Finished Dosage, Packaging & Drug Delivery, Contract Services, API, Excipients, Integrated Pharma, Natural Extracts, Fine Chemicals)

For more details contact:

Mr Om Prakash, Director InOrbit Tours Pvt Ltd 🕾 022 – 2422 9281 • Mob: 81697 65374 / 91361 41700 E-mail: omprakash@inorbittours.com Web: www.inorbittours.in

EcoCcompact also available in L and XL versions for Solvent Cleaning and Preservation in general industry

Flexible product family for stable cleanliness with low cleaning unit costs

Ecoclean has expanded the cost-efficient EcoCcompact to include the L and XL model variants to meet the diverse requirements of general industry. The new prod-

uct family with three working chamber sizes and batch weights of up to 150 kg enables the capacity and cleaning performance to be adapted precisely to company-specific requirements. Sophisticated equipment details, an effective washing mechanism and high energy efficiency keep cleaning unit costs low. In addition, the compact plug and play solvent systems can be easily convert-



The cost-efficient EcoCcompact has been expanded to include the L and XL model variants for the wide range of cleaning tasks in general industry. With well thought-out equipment details, an effective washing mechanism and high energy efficiency, the systems ensure low cleaning unit costs.

ed from hydrocarbon to modified alcohol.

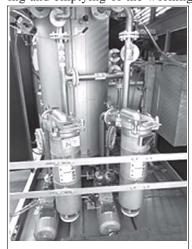
The diverse product range of the general industry includes workpieces produced by casting and machining, stamped, bent, pressed and deep-drawn parts, hydraulic and pneumatic components as well as fasteners. Depending on the subsequent process or application, the parts manufactured from different materials must meet different but increasingly stringent particulate and film cleanliness requirements. High throughputs, increased demands on resource efficiency and, in some cases, low margins pose a challenge.

Cost-effective and flexible cleaning

As a result, the cleaning process must ensure cleanliness in line with requirements in a stable, sustainable manner and at low unit costs. For these tasks, Ecoclean has expanded the cost-efficient EcoCcompact product family with the L and XL model variants. As with its smaller sister, it is easy to switch between hydrocarbons and modified alcohols (semi-polar solvents) during operation without any conversion work.

The two new, compact plug and play solvent systems have working chambers with diameters of 650 (L) and 750 mm (XL), enabling batch sizes of $650 \times 470 300 mm$ in the L version and $650 \times 470 \times 400 mm$ in the XL version. The

maximum batch weight for both systems is 150 kg. Powerful, frequency-controlled flood pumps ensure fast filling and emptying of the working chamber. During stan-



The vertical integration of the two standard flood tanks reduces sump formation and prevents dirt pockets, resulting in a longer service life for the baths. The increased distillate output of up to 180 l/h and the continuous oil discharge as standard also contribute to this in the L and XL versions.

dard injection flood washing, they generate a high mechanical cleaning effect. This can be specifically supported by an optionally integrated, frequency-controlled rotary drive for fabric rotation and positioning. Adapted to the cleanliness requirements, the systems can also be equipped with all available process technologies for solvent cleaning, such as ultrasound and PPC.

The increased distillate output of up to 180 l/h and the continuous oil discharge as standard also contribute to the

high capacity and performance of the L and XL versions. The vertical integration of the flood tanks also offers advantages. It reduces sump formation and prevents dirt pockets from forming. The result is a longer service life of the baths and thus a reduction in operating costs.

For needs-based cleaning and preservation, the two flood tanks included in the basic version of all EcoCcompact can be supplemented by a third - fully integrated without increasing the installation area. They each have filtration in the supply and return lines with bag or high-performance filters as well as bypass filtration. Speaking of space requirements, at $4,100 \ge 1,900 \ge 2,650$ mm and $4,400 \ge 2,100 \ge 2,655$ mm respectively, the new versions are also extremely economical.

Impressive energy efficiency and sustainability

The EcoCcompact product family also impresses with its comparatively low energy consumption, which has been achieved through optimized system technology. This includes the fact that the flood tank two and the optional

third tank are heated with heat recovered from the distillation process.

Like all systems for solvent cleaning, the L and XL versions of the EcoCcompact are characterized by high flexibility in terms of material compatibility. This means that components made of different materials can be cleaned in one system. In addition, they can also be used in regions where the consumption of water as a cleaning medium and/or the disposal of waste water from cleaning applications is regulated. A prerequisite is the suitability of the solvent cleaning, which can be verified by Ecoclean through cleaning tests in the worldwide test centers. Visit: www.ecoclean-group.net

RECPDCL Handovers 1 SPV viz. ERES-XXXIX Power Transmission Limited to Tata Power Company Limited

REC Power Development and Consultancy Limited (RECPDCL), a wholly owned subsidiary of REC Limited, the Maharatna CPSU under the aegis of Ministry of Power, has handed over the project specific SPV (Special Purpose Vehicle). viz, ERES-XXXIX Power Transmission Limited to Tata Power Company Limited on 14th November, 2024 at Gurugram.

The Tata Power Company Limited emerged as the Transmission Service Provider (TSP) through Tariff-Based Competitive Bidding (TBCB) process conducted by RECP-DCL, the Bid Process Coordinator, for development of the transmission project on Build, Own, and Operate & Transfer (BOOT) basis.

The scheme covers establishment of 765/400 kV, 2 x 1500 MVA GIS substation at Gopalpur in Odisha, 199 km of 765 kV line and 25 km of 400 kV line along with associated works.

The SPV was handed over by Shri TSC Bosh, CEO, RECP-DCL to Shri Tarun Katiyar, CEO, Tata Power Trading Company Limited in the presence of Senior Officials of RECPDCL, Tata Power Company Limited and Central Transmission Utility of India Limited. The project is targeted for implementation by Dec' 2027.

About REC Limited: REC Limited is an NBFC focusing on Power Sector Financing and Development across India. Established in 1969, REC Ltd has completed over fifty-five years in the area of its operations. It provides financial assistance to complete power-sector value chain; for various types of projects including Generation, Trans-



mission and Distribution and Renewable Energy. Recently, REC has also diversified into non-power Infrastructure and Logistics sector to cover areas such as airports, metro, railways, ports, bridges, etc.

About RECPDCL: REC Power Development and Consultancy Limited, RECPDCL, a wholly owned subsidiary of REC Limited, has been providing knowledge-based consultancy and expert project implementation services to several State Power Distribution Companies/Power Departments of States. RECPDCL has also been implementing transmission projects in UTs of J&K and Ladakh.

RECPDCL has also been acting as Bid Process Coordinator (BPC) for Inter-state as well as Intrastate Transmission Projects and RE-Bundling projects implemented through Tariff Based Competitive Bidding (TBCB). RECP-DCL with its expert consulting, project implementation and transaction advisory services is thus playing a key role across the power sector value chain of the country.

Industrial Products Source February 2025 Chemical, Pharma, Bio-Tech & Food Processing Packaging, Pollution Control Equipment

Coromandel International and International Fertilizer Development Center Partner to Advance Fertilizer Innovation and Sustainable Agriculture in India

The partnership will help foster innovation, research and development activities in the field of fertilizers, particularly for the Indian market

Coromandel International Limited (CIL), one of India's leading Agri-input companies, and the International Fertilizer Development Center (IFDC), a globally renowned non-profit organization based in the US, have signed a strategic Master Research Agreement to foster innovation and sustainability in fertilizer development.

The collaboration marks a significant step towards addressing critical challenges in agriculture by introducing next-generation fertilizers aimed at enhancing nutrient efficiency, improving crop productivity, and reducing environmental impact. The agreement brings together CIL's extensive market reach and advanced R&D facilities with IFDC's global expertise in fertilizer research and production technologies.

Key Areas of Collaboration

Coromandel International is actively pursuing the development of new and efficient fertilizers at its three stateof-the-art R&D centers located in Vishakhapatnam, IIT Bombay, and Coimbatore. These efforts aim to bring innovative solutions to the Indian market, empowering farmers with advanced products that enhance productivity while promoting soil health.

IFDC, with its cutting-edge research facilities in Muscle Shoals, Alabama, USA, has been a pioneer in developing advanced fertilizers and technologies. Looking ahead, IFDC plans to establish similar facilities in India, further strengthening the collaborative ecosystem for fertilizer innovation.

Announcing the partnership, Mr S Sankarasubramanian, Managing Director & CEO, Coromandel International Limited, said, "As a farmer-first company, Coromandel is deeply committed to driving innovation that enhances soil health and boosts crop productivity. This Master Research Agreement with IFDC represents a significant step in our journey toward sustainable agricultural solutions. By combining our efforts with IFDC's globally recognized expertise in fertilizer development and production technologies, we aim to deliver impactful innovations that improve productivity and reduce input costs for farmers."

Commenting on the partnership, Mr Henk van Duijn, President and CEO, IFDC, added, "We are excited to collabo-



rate with Coromandel International to innovate and develop efficient, environmentally sustainable fertilizers tailored for India. With its vast agricultural landscape, India holds immense significance for IFDC. Our plans to establish a Fertilizer Innovation Center

in the country will further strengthen our commitment by enabling dedicated research to address India's unique agricultural needs in collaboration with companies such as Coromandel."

About Coromandel

Coromandel International Limited is amongst India's pioneers and leading Agri solutions provider, offering diverse products and services across the farming value chain. It operates in two major segments: Nutrient and other allied businesses and Crop Protection. These include Fertiliser, Crop Protection, Bio Products, Specialty Nutrients and Organic businesses. The Company is 2nd largest manufacturer and marketer of Phosphatic fertiliser in India. The Company's Crop Protection products are marketed in India as well as in international geographies, offering wide range of technical and formulation products. The Specialty Nutrients business of the Company focuses on water soluble fertiliser, secondary and micronutrients and nano fertiliser products. The Company is a leading marketer of Organic fertiliser in India. The Bio Products business of the company focusses on plant extractions for various applications. It also operates a network of around 750+ rural retail outlets across Andhra Pradesh, Telangana, Karnataka and Tamil Nadu. Through these Retail outlets, the Company offers agri inputs and farming services including crop advisory, soil testing and farm mechanization to around 3 million farmers. The Company has 7 R&D Centers and a strong Regulatory setup, supporting the businesses in process development and new product introduction. The Company has 18 manufacturing facilities, spread widely across India, producing wide range of Nutrient

and Crop Protection products, which are marketed through an extensive network of dealers and its own retail centers.

The Company clocked a turnover of ₹22,290 Crores during FY23-24. Its efforts towards environment have been well recognized by international organizations like UNDP and has also been voted as one of the ten greenest companies in India by TERI. Coromandel is a part of the INR 778 billion (INR 77,881 Crores) of the Murugappa Group. For more details, visit: **www.coromandel.biz**

About Murugappa Group

A 124-year-old conglomerate with presence across India and the world, the INR 778 billion (77,881 crore) Murugappa Group has diverse businesses in agriculture, engineering, financial services and more.

The Group has 9 listed companies: Carborundum Universal Limited, CG Power & Industrial Solutions Limited, Cholamandalam Financial Holdings Limited, Cholamandalam Investment & Finance Company Limited, Coromandel International Limited, EID Parry (India) Limited, Shanthi Gears Limited, Tube Investments of India Limited and Wendt India Limited. Other major companies include Cholamandalam MS General Insurance Company Limited and Parry Agro Industries Limited. Brands such as Ajax, Hercules, BSA, Montra, Montra Electric, Mach City, Chola, Chola MS, CG Power, Shanthi Gears, CUMI, Gromor, Paramfos, Parry's are part of the Group's illustrious stable.

Abrasives, technical ceramics, electro minerals, electric vehicles, auto components, fans, transformers, signalling equipment for railways, bicycles, fertilisers, sugar, tea and several other products make up the Group's business interests.

Guided by the five lights – integrity, passion, quality, respect and responsibility – and a culture of professionalism, the Group has a workforce of over 83,500 employees. For more details, visit: **www.murugappa.com**

REC Wins Prestigious Golden Peacock Award 2024 for Excellence in Corporate Governance

REC Limited, a Maharatna CPSU under Ministry of Power and a leading NBFC, has been honored with Golden Peacock Award 2024 for Excellence in Corporate Governance. The Award was presented by the Golden Peacock Awards Secretariat and Institute of Directors in a ceremony held in London.

The Golden Peacock Award is a testament to REC's unwavering commitment to the highest standards of corporate governance. This recognition underscores REC's dedication to transparency, accountability, and ethical business practices, which have been integral to its sustained success and reputation in the industry.

REC has won the award in Power (Financial Services) category.

Shri Vivek Kumar Dewangan, IAS, Chairman and Managing Director, REC expressed his gratitude for the award, stating, "We are deeply honored to receive the Golden Peacock Award for Excellence in Corporate Governance. This accolade reflects our continuous efforts to uphold the principles of good governance and our commitment to creating long-term value for our stakeholders."

EC was declared winner by awards jury, led by 25th Chief Justice of India, Hon'ble Justice M N Venkatachaliah and



other jury members included Justice U U Lalit, former Chief Justice of India; Prof. (Judge) Mervyn E King SC, and others.

The award ceremony, attended by distinguished leaders from various industries, highlighted the importance of corporate governance in fostering sustainable business practices. REC's recognition among the elite group of awardees reaffirms its position as a leader in the power sector and a role model for corporate governance.

Visit: www.recindia.nic.in

Coromandel International & FAI constitute first-ever 'Coromandel Plant Nutrition Award' to recognize distinguished scientists

The awards honored two Indian scientists for their contribution to sustainable agriculture

Coromandel International Limited, India's leading agrisolutions provider, in collaboration with The Fertiliser Association of India (FAI), constituted the 'Coromandel Plant Nutrition Award, an initiative to recognize and honor the exemplary contributions by scientists in the field of plant nutrition and sustainable agriculture.

Coromandel Plant Nutrition Award which marks the theme 'Sustainable Fertilizer and Agriculture" was given during the Inaugural Ceremony of FAI Annual Seminar 2024, held recently at Delhi. The event was chaired by Ms. Anupriya Patel, Hon'ble Minister of State of Chemicals & Fertilizers and Health & Family Welfare who presented the Coromandel Plant Nutrition Award in the presence of other dignitaries from the fertilizer Ministry, fertilizer industry delegates from India and abroad and academia.

The award was given jointly to Dr. Ch. Srinivasa Rao, Director of ICAR-National Academy of Agricultural Research Management, Hyderabad and Dr. Vinod Kumar Singh, Director of ICAR-Central Research Institute for Dryland Agriculture, Hyderabad.

Dr Rao's areas of work included climate change, Soil Carbon Sequestration, Rainwater Management, Climate Resilient Villages and Dr Singh's work focused on System agronomy, conservation agriculture, precision farming, and farming system.

The Joint winners were felicitated with a memento, Certificate and cash reward of Rs 10 lacs. Chosen from among esteemed applicants by an expert jury panel, the award recognizes their exceptional contributions to agricultural research, particularly in plant nutrition and integrated nutrient management.

Speaking on the occasion, Mr. S. Sankarasubramanian, Managing Director and CEO of Coromandel International Limited, emphasized the company's dedication to fos-



(L-R): Mr Madhab Adhikari, VP & Head-Sales & Marketing (Fert & SSP); Dr Ch Srinivasa Rao, Director of ICAR-National Academy of Agricultural Research Management, Hyderabad; Dr Vinod Kumar Singh, Director of ICAR-Central Research Institute for Dryland Agriculture, Hyderabad; Mr S Sankarasubramanian, Managing Director & Chief Executive Officer and Mr Amir Alvi, Chief Operating Officer, Fertiliser.

tering scientific innovation in agriculture. "The Coromandel Plant Nutrition Award reflects our commitment towards promotion of research and development in plant nutrition, a critical area for ensuring food security for the country and introducing timely sustainable farming practices. It is our honor and privilege to recognize the incredible contributions of Dr. Srinivasa Rao and Dr. Vinod Kumar Singh, whose work has made a profound impact in the agricultural space."

This inaugural edition of the awards marks the beginning of an annual tradition to celebrate exceptional achievements in agriculture, reinforcing Coromandel's commitment to fostering innovation and excellence in agriculture by recognizing scientific advancements in plant nutrition and fertilizer management.

Industrial Products Source

January 2025

MTEX 2025 Exhibition + Focus: Machine Tools & Auto Components

Nirmal Energy Limited introduces High-Temperature Heat Transfer Fluids, Maxothermie® Range of Fluids Up to 400°C

Nirmal Energy Limited, a leading player in the heat and energy and industrial solutions sector, is excited to announce its entry into the high-temperature synthetic heat transfer fluid (HTF) market, in collaboration with Capital Pure LLC, USA. This is an extension from medium temperature synthetic heat transfer fluids sales marketing since 1998. This strategic partnership, coupled with the brand licensing agreement, marks a significant milestone in Nirmal Energy's growth trajectory and its commitment to expanding its product offerings to meet the evolving needs of industries worldwide.

Capital Pure LLC, known for its brand MAXOTHERMIE® and for its innovative and high-quality heat transfer solutions, will license its state-of-the-art technology and expertise to Nirmal Energy Limited. This collaboration aims to introduce a range of synthetic heat transfer fluids that offer unparalleled performance in high-temperature environments, such as those found in all process heating applications, polyester, refinery, textiles, chemical processing, and other industrial sectors that require effective heating and energy management solutions.

Key Highlights of the Collaboration:

High-Temperature Performance: The synthetic heat transfer fluids introduced by Nirmal Energy, under the Maxothermie® brand, are specifically designed to operate in high-temperature systems, ensuring optimal performance, energy efficiency, and longevity in industries such as process heating, textiles, polyester yarns, refinery, chemical manufacturing, and food processing so on...

Innovation and Expertise: With Maxothermie's advanced technologies and Nirmal Energy's extensive market presence and technical expertise, this collaboration will provide customers with cutting-edge products backed by superior research and development, designed to maximize efficiency and reduce operational costs.

Sustainability: The Maxothermie® range of synthetic heat transfer fluids is engineered with a focus on sustainability, ensuring that industries can meet their heat and energy management needs while adhering to global environmental standards.

Dr Madhusoodanan S, Managing Director of Nirmal En-

ergy Limited, stated, "This collaboration is a strategic step forward in strengthening our product portfolio and expanding our reach into high-performance solutions for industries with demanding thermal management requirements. Partnering with Maxothermie® brand, a globally recognized leader in heat transfer fluid technology, underscores our commitment to offering our customers the best products and services. Together, we aim to redefine energy efficiency and sustainability in heating and thermal management."

The Maxothermie® range of high temperature synthetic heat transfer fluids is now available for industries across India, with plans for further regional expansion. The collaboration signifies a major step in Nirmal Energy's ongoing efforts to provide high-quality, innovative products and services to industries worldwide.

About Nirmal Energy Limited

Nirmal Energy Limited, since 1998, is a leading provider of energy solutions and industrial products, such as industrial oil/ gas / dual fuel / syngas / biogas / hydrogen burners, Grundfos pumps, heating equipment, and Maxothermie range of Heat Transfer Fluids, committed to delivering high-performance solutions for a wide range of applications. Nirmal Energy's strong presence in the Asia-pacific region and their commitment to quality and technology in the field of industrial heating and aligns perfectly to provide advanced solutions for energy efficiency and sustainability with our products. With a focus on innovation, sustainability, and customer satisfaction, Nirmal Energy is at the forefront of providing cutting-edge technologies to the heat and energy, chemical, and other entire industrial sectors.

The new range of synthetic heat transfer fluids is now available for industries across India, and Asia pacific and Africa and Middle East region with plans for further expansion. The collaboration signifies a major step in Nirmal Energy's ongoing efforts to provide high-quality, innovative products and services to industries worldwide.

For more information, please contact:

Nirmal Madhusoodanan

Vice President – New Business Development & Sales Mob: 99789 14903

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December 2024

1710 nm Diode Lasers for Transparent and White Plastic Welding Wentao Hu (QPC Lasers, Inc.)

In last two decades, the development of laser technology has enabled plastic welding to have a better choice of process solutions. In spite of the fact that plastic laser welding accounts for less than 20% of the entire plastic welding processing market as of today, the average efficiency of plastic laser welding exceeds 2 to 3 times that of traditional welding processes, so that the market share of plastic laser welding is constantly rising. In some occasions that require high welding efficiency and perfect appearance, plastic laser welding has obvious technological advantages.

Laser welding of plastics has been widely used in the welding of medical plastic appliances, white plastic parts

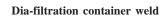
• Laser welding of medical transparent/white plastic parts.

Many plastic products used in the medical industry require laser welding, because the quality standard is higher for this industry. Furthermore, over 90% of the plastic parts for medical use do not allow laser absorbers to be added in due to health concerns, traditional laser welding cannot be applied due to the low absorption efficiency of traditional lasers by the transparent plastic materials, therefore a new generation of dedicated lasers are expected to solve this problem.



Packaging Bag

Medical Lumen Welding



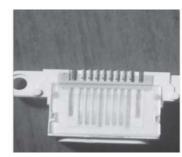
in household appliances and automotive plastic parts. The commonly used light sources for welding are 808 nm and 980 nm semiconductor lasers. On the other hand, the absorption efficiency required for transparent and white plastics in many welding applications has led to the development and application of 1710 nm semiconductor lasers and 2000 nm fiber lasers.

Examples of laser welding on real parts using 1710 nm diode lasers: "dedicated lasers", a variety of transparent and white plastics have several times to 10 times higher absorption at 1710nm than that of other commonly used industrial laser wavelengths, thus it is favored by medical plastic laser welding applications. The 1710nm laser with the same optical power and power density can achieve the same of or exceed the welding effect of other lasers coupled with laser absorbers.

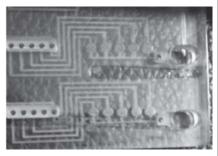
• The 1710nm diode laser is one kind of such



Sealing Cap Welding



Electronic Connector Weld



Electronic Parts Weld

• Laser welding of transparent/white plastic parts for 3C products.

Laser welding of transparent/white plastic parts has been widely adopted in the manufacturing of computer, communication devices and consumer electronics. Below (from left to right) shows a laser welding sealing cap, a waterproof connector for mobile phones and a control panel for precision equipment.

• Laser welding of automotive plastic parts

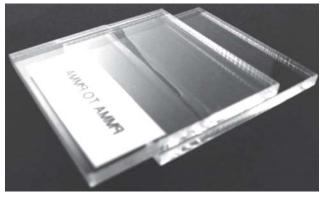
The percentage of plastics used in the automobile industry is constantly increasing for the cost and weight reduction purpose. The laser welding of plastics is a technique that has grown enormously within the automobile industry over recent years. Applications range from sensors, gas/oil/water tanks, and decoration parts. Below pictures show the automotive parts with transparent plastic that can be welded using 1710nm diode lasers. From left to right are the plastic parts for interior and exterior decoration and the instrument panel.

Due to the strong absorption of 1710nm laser by transparent/white plastic, the output optical power of 1710nm laser for transparent/white plastic welding does not require to be at least 100 watts like 808nm and 980nm lasers, generally tens of watts of optical power is enough to meet the requirement of most applications. Currently QPC Lasers Inc. (www.qpclasers.com) is offering 400¹/4m fiber coupled 1710nm diode laser modules at 20W, 30W, 40W and 60W, respectively. In addition, OEM laser subsystem is also available, which includes a diode laser module, a cooling unit and a laser driver with overheating protection and various control interfaces.

In summary, the 1710nm semiconductor laser has played an emerging role in the laser welding process of transparent and white plastic materials. It is undeniable that



Automobile Part Weld



Plastic Welding for Automobile Ind

in some cases (such as in penetration welding with thicker upper layer), it has certain limitations. However, it is still a great tool for laser welding of transparent and white plastic materials, which are gradually being widely recognized and used in the industry.

For more details, please contact:

C. And C. Laser Engineering Pvt. Ltd. A/205, Mihar A CHS, M G Road, Near Charkop Village Kandivali (W), Mumbai 400 067 202 - 3506 1794 • Mob: 98331 05515 E-mail: info@cnclaserengg.com; sawant@cnclaserengg.com Web: www.cnclaserengg.com



ACE Unveils Next-Gen BS-V (CE-V) Backhoe Loader at Bauma Conexpo 2024

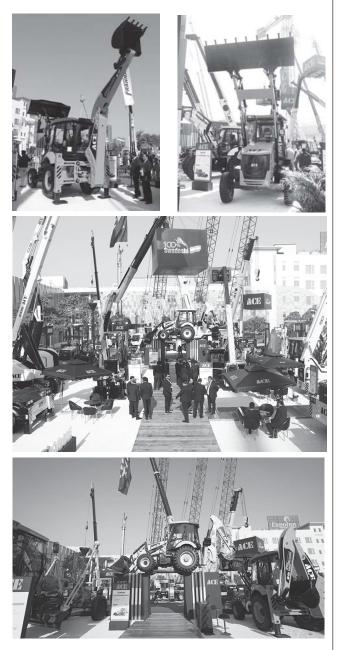
Action Construction Equipment Ltd. (ACE), India's leading manufacturer of material handling and construction equipment, has unveiled its all new BS-V (CE-V) AX124 Backhoe Loader at Bauma Conexpo 2024 setting new standards for sustainability, performance, and efficiency.

The all new AX124 BS-5(CE-V) Backhoe Loader powered by TATA 74 h.p engine is engineered to meet the stringent Bharat Stage V (BS-V)(CE-V) emission norms and comes with a fresh new styling boasting of new bold grill, muscular bonnet and premium cabin. The machine delivers exceptional fuel efficiency and lower emissions, positioning ACE at the forefront of sustainable construction solutions.

Sorab Agarwal, Executive Director, ACE, said, "The unveiling of our all new BS-V (CE-V) AX124 Backhoe Loader marks a defining moment in ACE's journey toward innovation and sustainability. The new backhoe loader not only delivers 15% better fuel efficiency but also 15% higher output per litre of fuel consumption. The new generation backhoe delivers on our promise of offering customers contemporary machines, high on performance & efficiency but at the right price."

About Company:

ACTION CONSTRUCTION EQUIPMENT LIMITED was established in 1995 by Mr. Vijay Agarwal, a technocrat, with over 50 years of industry experience and is run by a team of experienced professionals. ACE is an established and reputed brand with a significant presence across diversified sectors like Construction, Infrastructure, Manufacturing, Logistics and Agriculture. The company is the world's largest Pick & Carry cranes manufacturer with over 63% market share in the Mobile cranes segment in the country and a majority market share of more than 60% in Tower Cranes segment domestically. Listed on the NSE and BSE highlights its market prominence and financial stability. ACE's dedication to excellence has been acknowledged through numerous prestigious awards, including India's Top 100 Wealth Creators by Fortune Magazine, India's Top Challengers 2022-23 Award at the 21st Construction World Global Award, and the Bestseller in Tower Cranes Award at the Equipment India Awards. The company has one of the widest sales and service networks,



with over 100+ locations supported by 13 regional offices in India and also exports to over 37 countries across the Middle East, Africa, Asia and Latin America.

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December 2024

ELGi unveils PG 850S-290 portable compressor at bauma CONEXPO INDIA 2024

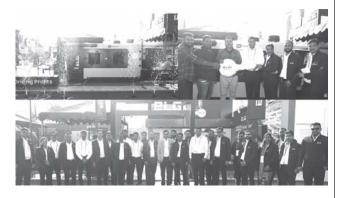
Engineered for Superior Performance in Mining and Construction Applications

Elgi Equipments Limited (BSE: 522074 | NSE: ELGIEQUIP), a global leader in air compressor manufacturing, launched its latest innovation, the PG 850S-290 portable air compressor, at the 7th edition of bauma CONEXPO INDIA 2024, India Expo Centre, Delhi NCR. Also, on display at the ELGi outdoor booth, OG 30, are the electric-powered PG 110 E, PG 132 E, PG 22 E, and the diesel-powered PG550-215 portable air compressor that have found extensive adoption in the mining and construction industry across India. Over 1000 exhibitors, 75,000 visitors, and key decision-makers from the construction, mining, and manufacturing industries across the globe are expected to visit the tradeshow.

The PG 850S-290 portable air compressor is designed to deliver exceptional performance and efficiency, featuring an intelligent control system that optimizes drilling operations while reducing fuel consumption. Its turbo precleaners for air intake ensure enhanced performance in dusty environments, making it ideal for rugged applications. The compressor is also equipped with dual pressure modes that adapt to varied operational requirements. An energy-efficient screw profile ensures top-notch performance without compromising on energy savings, while its low-maintenance design reduces operational costs and enhances reliability.

The PG 850S-290 is exclusively designed for excavatormounted drilling applications, featuring a compact build that enables seamless integration with excavators for efficient operation. Its rugged canopy design ensures durability and resilience, even in the harshest mining environments. The exclusive anti-vibration mounting (AVM) pads, specifically designed for seamless integration with excavators, provide exceptional stability during operation. The drive system and air-oil separator tanks equipped with these exclusive rigid mounting pads further enhance durability and performance in demanding applications.

The compressor is designed to be user-friendly - ensuring simplified upkeep and enhanced uptime and productivity. The single-sided service access allows convenient reach to all control system components, streamlining maintenance tasks. Additionally, accessible drain valves are thoughtfully incorporated for hassle-free operation. The user-friendly controller is equipped with dustproof protection, ensuring reliable performance even in harsh and challenging environments.



The PG 850S-290 is a trusted partner for industries seeking reliable, efficient, and cost-effective solutions. Whether it's drilling deeper with less fuel or maintaining consistent operations in dusty, rugged terrains, the PG 850S-290 stands out as an ideal solution, ready to meet the evolving demands of the mining and construction sectors.

ELGi is committed to delivering high-performance portable compressed air solutions to construction and mining industry customers. Backed by over 64 years of expertise in compressed air technology and superior customer support, ELGi operates in over 120 countries, delivering a comprehensive range of compressed air solutions. With state-of-the-art manufacturing units and a product portfolio of 400+ compressed air systems, ELGi redefines reliability, efficiency, and cost-effectiveness across 2 million installations globally.

About ELGi: Elgi Equipments Limited is a global air compressor manufacturer renowned for its extensive range of innovative and technologically advanced compressed air systems. Committed to maximizing customer productivity and minimizing ownership costs, ELGi offers customers a comprehensive range of compressed air solutions designed to enhance energy efficiency and power superior performance. The product offerings span oil-lubricated and oil-free rotary screw air compressors, oil-lubricated and oil-free reciprocating air compressors, centrifugal air compressors, dryers, filters, downstream accessories, and IOT solutions for 24x7 remote monitoring. With a portfolio of over 400 products, ELGi caters to a wide range of applications across industries. For more information about the organisation and its products, please visit: http://www.elgi.com

Photon Controls (India) Pvt Ltd

Photon Control Pvt Ltd is committed to transforming the way homes and businesses power their lives. As one of the leading providers of rooftop solar energy solutions, the Company specializes in designing, installing, and maintaining high-performance solar systems that help their customers reduce their energy costs, lower their carbon footprint, and increase their energy independence.

Founded with a passion for sustainability and innovation, Photon Control Pvt Ltd, has been at the Forefront of the renewable energy movement, and offers customized solar installations tailored to meet the unique energy needs of each client, ensuring maximum efficiency and long-term performance. The Company's team of experienced engineers, certified installers, and dedicated support staff works closely with homeowners, businesses, and organizations to deliver reliable, cost-effective solar solutions.

The Company believes in the power of clean energy to create a brighter, more sustainable future for all. By harnessing the sun's energy, Photon helps clients save money while making a positive impact on the environment. With cutting-edge technology, transparent pricing, and unwavering commitment to quality, Photon Control Pvt Ltd, is your trusted partner in the transition to solar power.

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