



Corporate Brochure

**QUALITY
PRECISION
SPEED**

INTRODUCTION

Max Spare was incorporated in 1959 for manufacturing of Hydraulic, Pneumatic, Rotary shaft seals and 'O' rings. Over the years, Max Spare has evolved as Asia's No. 1 Seal Manufacturer, catering to a wide spectrum of industries with different sealing needs. Max Spare with its emphasis on Quality and Technology is ISO 9001-2015 certified and exports its seals to quality conscious markets globally. Having mutually enriching alliances with leading seal manufacturers and stockists in Europe, America, Asia and other continents, exports contribute more than 60% of the current sales.

Max Spare caters to both the replacement and original equipment market. With applications ranging from Gear Boxes, Bearings, Pumps, Hydraulic and Pneumatic Systems, Construction and Mining Equipment's, Hydraulic and Pneumatic Cylinders, etc. and the advantages of having all facilities under one roof, Max Spare is well equipped to handle all sealing requirements from simple 'O' rings to complex profiles and large dia seals upto 3000 mm.

As a leading seal manufacturer for many years, Max Spare has diversified its business to enter into the manufacturing of maximum products for its customers by adding new products to the range.

With quality, precision and speed; Max Spare is geared up to cater to the requirements of its customers with the best service support.

ASIA'S LARGEST SEAL PLANT

Welcome to MAX World



MAX Group Companies

PLANT 1



MAX SPARE
LIMITED
QUALITY. PRECISION. SPEED.

SEALS

PLANT 2



RP[®] THE RUBBER
PRODUCTS LIMITED

CUSTOM MOLDED PARTS

PLANT 3



MAX NIRLON

V-BELTS

PLANT 4



UVDHL
UNITED VAN DER HORST LTD.

HEAVY ENGINEERING



Sales Support

- Trained workforce of more than 500 employees.
- Back office comprising engineers, technicians and other support staff.
- Well equipped to service its widening client base of more than 12,000+ customers worldwide.
- Operations include customer support, procurement, Q.C, IT, Design etc.



Online Shopping

- Believes in servicing its customer and has an online shopping portal to ease out the procurement of Max Spare products.
- 24 hrs Helpline.
- Customer Relationship Managers in 8 zones, to ensure better customer onsite support.

Design Team

- Highly talented and experienced design team
- Fully computerized CAD / CAM based design centre.
- 60 years of experience in developing seal applications, combined with the best technical expertise ensure and offer the best solutions to customers.
- Working closely with customer's onsite for customised product developments.



IT Supports

- First seal company in India to have SAP Hanna ERP system.
- Implementation of SAP has accelerated the processing and decreased the implementation cycles providing expertise, tools & best practises that simplify testing, reduce customisation and control operational risk & Cost.
- Connected with dedicated lines for instant communication to its various manufacturing facilities.



Wide Network

- More than 50+ channel partners in all major cities of India.
- 40+ area representatives across India to give the best services to customers.
- Mutually enriching alliances with leading seal manufacturers and stockists across the globe.



Service Advantages

- Over 70,000 sizes in stock
- Standard Seal Profiles made in 1 Hour.
- Seals upto 3000 mm dia.
- More than 100,000 ready moulds.



Market

Being a pioneer in seals and sealing solutions backed with decades of field experience, Maxspare is a reliable source for standard or complex sealing parts specific to your industry applications and equipment.

We thus ensure that our solutions meet the changing needs of our customers, as well as the latest industry trends and regulations.



Steel Mill



Oil & Gas



Power Plant



Paper Mill



Food & Pharma



Tyre Industry



Construction & Mining Machinery



Press Forming



Aluminium Industry



Chemical & Fertilizer



Sugar Mill



Automotive



Valves



Windmill



Hydro Power



Agriculture



Hydraulics & Pneumatics



Machine Tools



Cement Plant



Pump Motor & Gear Box

MAX Products

Decades of experience in designing and manufacturing polymer sealing solutions has led Maxspare to develop, manufacture and supply a wide range of products to its customers complying to various industry standards. Besides its core product Seals, Maxspare also offers Customised Engineered Seals, Gaskets and other rubber and plastic parts.



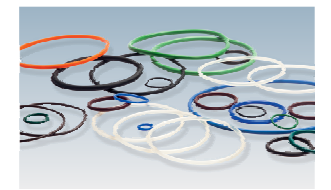
Hydraulic Seals



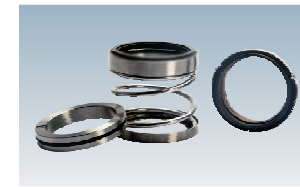
Pneumatic Seals



Rotary Shaft Seals



O-Ring & Quad Rings



Mechanical Seals



Spiders



Custom Moulded Parts



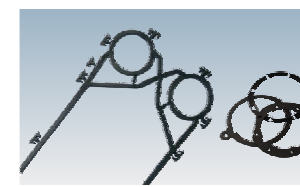
Plastic Parts



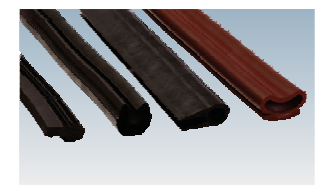
Rubber-to-Metal Bonded and Rubber-to-Plastic Bonded Parts



Diaphragms



Gaskets / PHE Gaskets



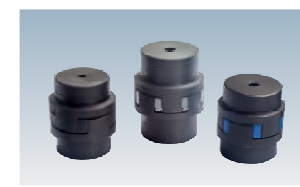
Extrusion Profiles



V-Belts



V-Lock Pulleys



Couplings



Mountings



Lubricants



Tools

Scan the QR code or visit our website to find out more about our solutions for your industry.

www.maxspare.com



Scan the QR code or visit our website to find out more about our product range.

www.maxspare.com

OEM Seal Plant-1

OEM FACILITY

Max Spare has set up a state-of-the-art Seal manufacturing facility at Khopoli, 50 km from its existing plant in Thane, Maharashtra, to better service its OEM customers. This dedicated plant is working closely with OEM clients in the design, development and manufacturing of seals that are specific to that client. This state-of-the-art facility combines the latest in design, production and operation to optimise output and ensure quality & consistency. Max Spare uses SAP systems for ERP and SCADA systems for production control and monitoring.





STATE OF ART TECHNOLOGY

In the last 60 years Max Spare has always been at the forefront of cutting edge technology, whether design, manufacturing or process, by installing the latest machinery. Max Spare has the equipment and technology to manufacture all types of seals and 'O' Rings based on a varied range of materials, profiles and dimensions. To ensure engineering superiority, manufacturing excellence, high standards of quality, timely delivery and service, Max Spare has taken care to choose and import the finest machinery from across the world. The PLC based machines are built-in with advanced features for accurate maintenance of pressure and temperature to reduce rejections and increase productivity. From design to mould making, line production, moulding (direct / injection) and machining, Max Spare stands among a handful of Seal manufacturers worldwide who can handle critical jobs, whether small or big, with high accuracy, less time and mass production.



LINE PRODUCTION

To ensure production of quality seals with high degree of accuracy in the quickest possible time, Max Spare has embraced the assembly line production systems. From the time the moulds are made, to the time the seals are finally inspected prior to shipping, the entire process is online ensuring smooth flow of work to various work stations.

Max Spare installed state-of-the-art PLC based rubber moulding and plastic injection moulding machines from the best machinery manufacturers across the world, customised to the line production needs of seal manufacturing.



Max Spare uses SCADA (Supervisory Control and Data Acquisition) systems to measure and control the production processes on a day-to-day basis.

The implementation of SCADA has greatly improved efficiency and productivity. It allows access to quantitative measurements of various processes in real time and also tracks the trend overtime. This enables detection of problems and removes inefficiencies and bottlenecks.

- Single computer control of all machine settings.
- Tooling memory for accurate repeatability.
- Monitor machine productivity.



EMPOWERING WOMEN@MAXSPARE

Express Facility



MACHINED SEALS

Max Express Division handles urgent requirements of seal. State-of-the-art facility, well trained workforce and special manufacturing process enables Max Express to deliver seals faster than anybody else.

With its machined seals range in Polyurethane and NBR can deliver seals upto dia 200 mm within an hour.

- Seals in Non-standard sizes
- Delivery within 4 Hrs.
- Instant online booking on portal.



LDS Facility

LDS - LARGE DIA SEAL

Max Spare produces seals of all sizes and is India's only manufacturer for Large & Heavy Duty Seals with diameter upto 4000 mm in high end rubber & plastic materials in endless (one piece) for any industry.

Large Diameter Seal production capability which helps especially in MRO (Maintenance, Replacement & Overhaul) of heavy machinery, also offers OEM's (Original Equipment Mfg.) the possibility of obtaining a non-standard seal without compromising on cost, delivery and size limitation.



Seal Warehouse

ASIA'S LARGEST WAREHOUSE

This is Asia's largest Warehousing of standard Seals, with air-conditioning, controlled temperature and non-dusty environment.

Lacs of pieces and thousands of jobs are sent everyday, connected with online shopping. 150,000 moulds of standard and non standard seal designs and 250 rubber and thermoplastic compounds are readily available for production.

- 100,000 standard products.
- Overnight Deliveries.
- Online Shopping



OVER 100,000 SIZES IN STOCK

Rubber Products Ltd.

Plant-2



The Rubber Products is a leading manufacturer of rubbers parts. Max Group acquired this company and upgraded the facility with state of the art machinery to design, develop and manufacture specialised Elastomer and Thermoplastic customised parts. Any complex profiles and designs can be manufactured and supplied at economic cost and shortest delivery time. Our new integrated manufacturing facility is well geared up to manufacture custom shaped products in any Elastomer or Thermoplastic material to suit the customers' requirements.

CUSTOMISED RUBBER PRODUCTS MANUFACTURING PLANT

Custom Moulded Parts

Plastic Parts

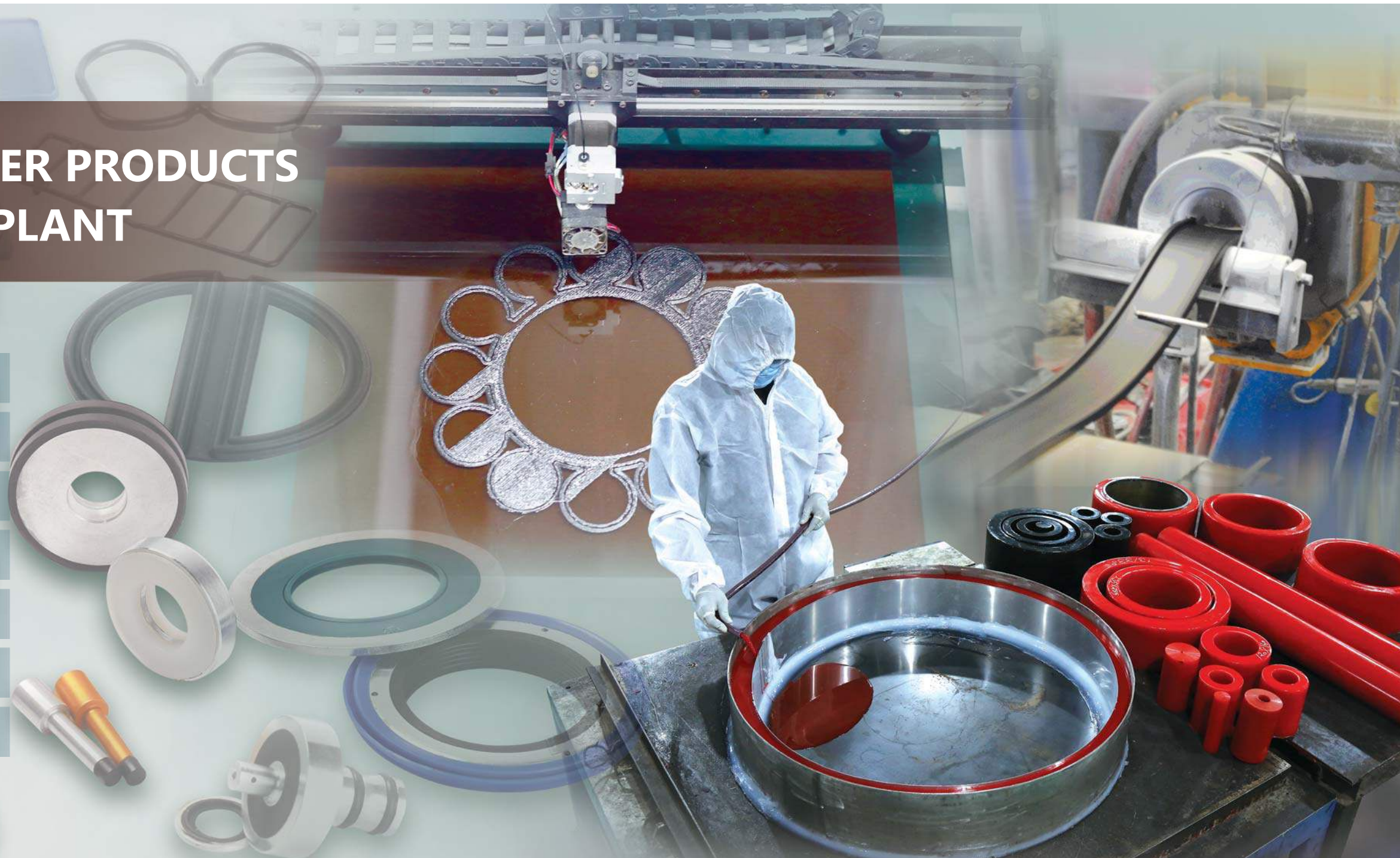
Rubber to Metal Bonded Parts

Diaphragms

Gaskets / PHE Gaskets

Extrusion Profiles

PU+Nylon Casting

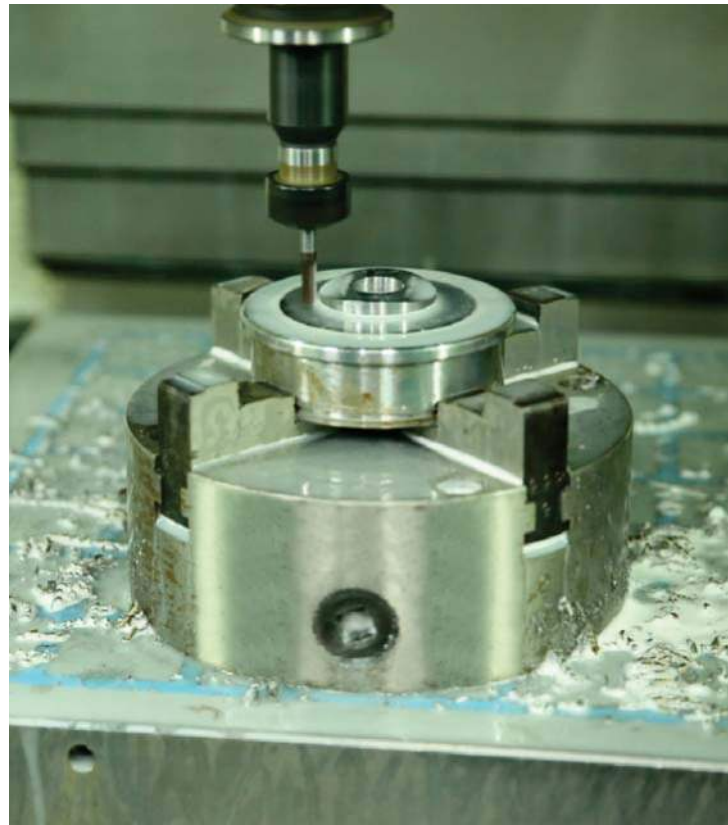


Mould Making Facility

MOULD MAKING

The process of seal making starts with the designing and accurate production of moulds. With vast experience in seal manufacturing and latest mould making technology, Max Spare is well equipped to handle any design and mould making challenge that comes its way. CAD / CAM based design systems, and precision mould making machinery including high end PLC based CNC machining centers and VMC make mass production of quality moulds with high accuracy and any complexity, profile and size easy.





MOULD MAKING MACHINES -

- CNC machines
- CNC Vertical Turning Lathe, upto 2500 mm
- VMC, Vertical Machining Centre
- Tooling support to all units
- Capacity - 70 Moulds daily



**VACUUM RUBBER
COMPRESSION PRESSES**

Max Spare has imported and installed state-of-art PLC based rubber moulding machines which are the best in the world for accurate and controlled outputs; thus geared up to cater millions of quantities.



**PLASTIC INJECTION
MOULDING MACHINE**

Max Spare has installed a high end computer aided DEMAG make machine wherein a high level of efficiency can be brought in the actual functioning of the day-to-day production. Today, more high quality seals can be manufactured in less time, thus reducing the overall seal production time. Also made Max Spare more competitive in comparison with other manufacturers across the globe



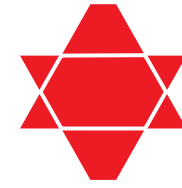
**RUBBER INJECTION
MOULDING MACHINE**

Max Spare uses state-of-the-art PLC based sophisticated imported Rubber Injection Moulding machines.

The Rubber Injection Moulding machines are the most advanced, producing most consistent results by automating all aspects of rubber moulding at controlled speed, pressure and temperature.

Max Nirlon V-Belt

Plant-3



Max Spare Limited had its inception in 1959. Since the beginning, it has been specializing in seals. In its aspiration for constant growth and continuous product improvement, Max Spare Limited entered in the industrial power transmission belts field by acquiring the brand name of "Nirlon". Customers have come to trust Max Spare Nirlon brand V-belts for performance, reliability, efficiency and economical cost, the reason why Max Spare Nirlon brand V-belts has been the favourite choice amongst transmission rubber belts.

Max Spare has been maintaining the highest quality standards by using the best raw material available with state-of-the-art manufacturing processes. Max Spare manufacturing facilities are ISO.9001 : 2015 certified and Max Spare Nirlon V-belts are ISI approved.



V-Belt Warehouse

Belt division is a dedicated floor with all the production process in-house, starting from raw material processing till finished goods. It has a separate product testing facility.

Max Spare Nirlon V-belts have experienced unrivalled patronage in the domestic and international market. Continuous efforts in research and development of belts has been undertaken to introduce various types of belts to suit every industrial requirement, like textiles, steel, cement, sugar, paper, engineering industries etc.

There is a dedicated workforce working round the clock to service its clients with a PAN India distributor channel to make this product easily available in the markets.



R&D Centre

STATE OF ART LABORATORY:

State-of-the-art laboratory, is one of the best and sophisticated rubber/plastic testing laboratories in India. The advanced testing equipment and tools enable testing of seals from raw material stage to mixing, moulding and finished stage. All physical and chemical properties are tested in-house.

The laboratory facility is also used for research in the field of rubber and plastic products. With state-of-the-art facilities installed at Max Spare and the expertise developed over the last 60 years, today Max Spare can provide technical as well as scientific advice to the clients.

Main Activities:

- Testing
- Training
- Research & Product Development

Our Expertise:

- Specification and its interpretation
- Reverse Engineering
- Process Development
- Indigenisation & Import substitution of Rubber
- Cost Reduction





Equipments used for Polymer Batch Testing

- Resilience Tester Rebound
- Fluid Ageing Equipment
- Compression set Apparatus
- Laboratory Mill for Developing Compounds in small batches
- Laboratory Press
- Abrader
- Melt Flow Index Moisture Analysis
- Rheometer Vulcanization time of Polymers
- Viscosimeter for Testing the flow properties of Polymers
- Durometer Shore 'A' & Shore 'D'
- Durometer I.R.H.D.

CONTROL PLAN											
Part No.	Material	Product	Qty. Control Point	Date Drg.	Date Rev.						
101	PPAP	Control Chart									

PPAP Control Chart

PPAP to consistently meet customer requirement

Max Spare uses PPAP - Production Part Approval Process to define requirements for the production part approval. This includes production and bulk materials. The purpose of PPAP is to determine if all customer engineering design records and specification requirements are properly understood. The process has the potential to produce products consistently meeting client requirements during an actual production run, at the quoted production rate. The PPAP documentation is provided whenever a new or modified seal is introduced into production, or if the manufacturing process is changed.



Rotary Seal Gyration Testing Machine

Specifications:	Low Pressure	High Pressure
Testing Range	30 – 80 dia.	30 – 80 dia.
Speed	200 - 3000 RPM	Upto 1000 RPM
Temperature	RT to 150°C	RT to 120°C
Pressure	0 – 2 kg/cm ²	0 – 30 kg/cm ²

This machine is for Rotary Seal pressure conditions & abrasion testing.



Automated Optical Inspection Machine

- Specification:**
- Repeatability less than 0.01m.
 - Capacity 1-2 nos/sec.
 - The machine measures the inner & outer diameter of oil seal roundness.
 - Measuring the cross section, inner/outer flash and concentricity of the seal



Computerized Oscillating Die Rheometer

- Specifications:**
- Temperature Range : 100°C - 200 °C.
 - Arc of oscillation : 3° moving die.
 - Frequency : 100 cycles/minute.
 - Graphical analysis with process capability study can be viewed at any time and store in hard disk.



Ozone Test Chamber

- Specifications:**
- Ozone analyser of USA model IN2000 L2-LC.
 - Ozone concentration : 50-200 pphm
 - Dynamic test strain : 5%-60%
 - Air flow 50-300 l/min.
 - 9 Complete database facility which provides ozone test chamber runtime graph, static & dynamic test sample reports.



STAFF TRAINING CENTRE

List of Tests performed on Polymers

Sr. No.	Tests	Testing Range	Units	Reference IS Std.	Reference ASTM Std.
1	Hardness	15 to 95	Shore 'A'	IS 3400 Part 2	ASTM D 2240
2	Hardness	46 to 72	Shore 'D'	IS 3400 Part 2	ASTM D 2240
3	Tensile Strength	Max. 250 Kg/Cm ²	Kg/cm ² (N/mm ² , MPa, psi)	IS 3400 Part 1	ASTM D 412 ASTM D 638
4	Elongation at Break	Max. 1000	%	IS 3400 Part 1	ASTM D 412 ASTM D 638
5	Modulus		Kg/cm ²	IS 3400 Part 1	ASTM D 412 ASTM D 638
6	Specific Gravity		g/cc	IS 3400 Part 9	ASTM D 792
7	Compression Set	Temp. 23°C to 200°C & Time 24 Hrs. to 72 Hrs.	%	IS 3400 Part 10	ASTM D 395
8	Rebound Resilience	0 to 100	%	IS 3400 Part IX	ASTM D 2632
9	Ash Content	800°C for 2 Hrs.	%		ASTM D 297
10	Ageing Properties in Air (Hardness Change)	Temp. 23°C to 250°C & Time 24 Hrs. to 672 Hrs.	Points	IS 3400 Part IV	ASTM D 573
11	Ageing Properties in Air (Tensile Strength Change)	Temp. 23°C to 250°C & Time 24 Hrs. to 672 Hrs.	%	IS 3400 Part IV	ASTM D 573
12	Ageing Properties in Air (Elongation Change)	Temp. 23°C to 250°C & Time 24 Hrs. to 672 Hrs.	%	IS 3400 Part IV	ASTM D 573
13	Fluid Resistance (Hardness Change)	Temp. 23°C to 250°C / Time 24 Hrs. to 672 Hrs./Testing Medium:- ASTM Oil -1, ASTM oil -3, Liquid 101 Fuel A, Fuel B, Fuel C, Fuel D, Fuel E & Petroleum Oil	Points	IS 3400 Part 6	ASTM D 471
14	Fluid Resistance (Tensile Strength Change)	Temp. 23°C to 250°C / Time 24 Hrs. to 672 Hrs./Testing Medium:- ASTM Oil -1, ASTM Oil -3, Liquid 101 Fuel A, Fuel B, Fuel C, Fuel D, Fuel E & Petroleum Oil	%	IS 3400 Part 6	ASTM D 471
15	Fluid Resistance (Elongation Change)	Temp. 23°C to 250°C / Time 24 Hrs. to 672 Hrs./Testing Medium:- ASTM Oil -1, ASTM Oil -3, Liquid 101 Fuel A, Fuel B, Fuel C, Fuel D, Fuel E & Petroleum Oil	%	IS 3400 Part 6	ASTM D 471
16	Fluid Resistance (Volume Change)	Temp. 23°C to 250°C / Time 24 Hrs. to 672 Hrs./Testing Medium:- ASTM Oil -1, ASTM Oil -3, Liquid 101 Fuel A, Fuel B, Fuel C, Fuel D, Fuel E & Petroleum Oil	%	IS 3400 Part 6	ASTM D 471
17	Resistance Ozone		Cracks		ASTM D 1171 ASTM D 1149
18	Brittleness test in Low Temperature		Cracks		ASTM D 2137
19	Water Resistance (Hardness Change)	Temp. 23°C to 100°C / Time 24 Hrs. to 72 Hrs./Testing Medium - Mineral Water, Sea Water	Points	IS 3400 Part 6	ASTM D 471
20	Water Resistance (Tensile Strength Change)	Temp. 23°C to 100°C / Time 24 Hrs. to 72 Hrs./Testing Medium - Mineral Water, Sea Water	%	IS 3400 Part 6	ASTM D 471
21	Water Resistance (Elongation Change)	Temp. 23°C to 100°C / Time 24 Hrs. to 72 Hrs./Testing Medium - Mineral Water, Sea Water	%	IS 3400 Part 6	ASTM D 471
22	Water Resistance (Volume Change)	Temp. 23°C to 100°C / Time 24 Hrs. to 72 Hrs./Testing Medium - Mineral Water, Sea Water	%	IS 3400 Part 6	ASTM D 471
23	Tear Resistance		N/min.	IS 3400 Part 12	ASTM D 624
24	Abrasion Resistance		Mm ³	IS 3400 Part 3	DIN 53516 ASTM D 5963

List of Tests performed on Products

Sr. No.	Tests	Testing Range
1	Gyratory Rotary machine for testing oil seals	Temp - Max 150°C, Speed -200-3000 RPM, Pressure - 0.5 to 30 Bars
2	Hydraulic Seals Endurance Testing	Size starting for 50 mm, Temp. - Max 200°C, Speed - 5 strokes/min. (Strokes vary depending upon the Rod length), Pressure - Max. 150 Bars
3	Optical Dimension Testing	Speed - 600 pieces checked per hour for O.D. / I.D. / Cross Section at a time.
4	Lip Opening Test (LOP)	Pressure upto - 6 Kg/Cm ²
5	V - Belt Endurance Testing	Dead Load Testing - Size : 'A' Section 35" to 80", 'B' Section 40" to 100", 'C' Section 45" to 110", Speed - 2800 RPM (Speed can be increased or decreased as per requirement). Dynamic Testing - Size: 60" to 150", Speed - 1000 / 3000 RPM.
6	Flex Test	
7	Adhesive Testing (Product Testing)	

Raw Material

Our Global Suppliers -



Elastomers:

Materials (Commonly known as)	Material Description	Temp. Range	Hardness (Shore A)
NITRILE	Acrylonitrile Butadiene Rubber (NBR)	-30°C to + 100°C	40A to 95A
NITRILE	Low Temp. Resistance Acrylonitrile Butadiene Rubber	-50°C to + 100°C	60A to 90A
NITRILE	High Oil Resistance Acrylonitrile Butadiene Rubber	-30°C to + 120°C	70A to 85A
XNBR	Carboxilated Nitrile Rubber (XNBR)	-30°C to + 100°C	60A to 95A
HNBR	Hydrogenated Acrylonitrile Butadiene (HNBR)	-30°C to + 150°C	60A to 95A
VITON	Fluorocarbon Rubber (FKM) / Fluoroelastomer (FKM)	-30°C to + 220°C	60A to 90A
FFKM	Perfluoro Elastomer (FFKM)	-10°C to + 300°C	70A to 75A
FEPM	AFLAS (FEPM)	-10°C to + 200°C	70A to 90A
SILICONE	Silicon Rubber (VMQ)	-60°C to + 200°C	30A to 80A
FVMQ	Fluorosilicone Rubber (FVMQ)	-70°C to + 220°C	60A to 80A
NEOPRENE	Chlorobutadiene Rubber (CR)	-40°C to + 120°C	40A to 95A
EPDM	Ethylene Propylene Diene Rubber (EPDM)	-40°C to + 120°C	50A to 95A
BUTYL	Butyl Rubber (IIR)	-40°C to + 120°C	60A to 80A
NR	Natural Rubber (NR)	-40°C to + 80°C	40A to 90A
SBR	Styrene Butadiene Rubber (SBR)	-30°C to + 100°C	40A to 90A
ACM	Polyacrylic Rubber (ACM)	-10°C to + 170°C	60A to 85A

Fabrics:

Materials (Commonly known as)	Cotton Fabric	Aramide Fabric	Kevlar Fabric	Nylon Fabric

Thermoplastics & Thermosets:

Materials (Commonly known as)	Material Description	Temp. Range	Hardness (Shore A)
PU	General Purpose / Oil Resistance PU & FDA Grade	-40°C to + 80°C	70A to 85A
PU	General Purpose / Oil Resistance PU & FDA Grade	-40°C to + 100°C	90A to 70D
PU - X	High Oil Resistance Polyurethane	-40°C to + 150°C	92A
PU - W	Heat + Hydrolysis Resistance	-40°C to + 130°C	92A
CPU - W	Hydrolysis Cast Polyurethane	-30°C to + 100°C	93A
CPU - O	High Oil Resistance Cast Polyurethane	-30°C to + 100°C	93A
PP	Polypropylene (PP)	-20°C to + 95°C	80M
LLDPE	Linear Low-Density Polyethylene	-70°C to + 90°C	65M
HDPE	High Density Polyethylene	-70°C to + 110°C	80M
UHMWPE	Ultra-High-Molecular-Weight Polyethylene	-250°C to + 80°C	65D
PPS	Polyphenylene Sulphide	Up to 300°C	100M
ACETAL	Polyacetal (POM)	-20°C to + 80°C	94M
NYLON PA6	Polyamide Nylon (Unfilled)	-30°C to + 100°C	80M
NYLON PA66	Glass Filled Polyamide (Nylon)	-40°C to + 150°C	95M
PEEK	Polyether Ether Ketone	Up to + 280°C	99M
HYTREL	Polyester Elastomer (TPE)	-30°C to + 100°C	90A to 72D
PRW	Polyester Resin Fabric	-30°C to + 120°C	HRM 100
TEFLON	Polytetrafluoroethylene (PTFE)	-250°C to + 250°C	55D to 65D
BRT	Bronze Filled Teflon (40% & 60% Bronze Filled PTFE)	-200°C to + 260°C	62D to 73D
GLT	Glass Filled Teflon (15% & 25% Glass filled PTFE)	-200°C to + 260°C	57D to 66D
CAT	Carbon Filled Teflon (15% & 25% Carbon filled PTFE)	-200°C to + 260°C	60D to 70D
Graphite Filled Teflon	(15% & 25% Graphite filled PTFE)	-200°C to + 260°C	60D to 67D
CPF	Phenolic Resin Bonded Fabric	-20°C to + 120°C	89M

Seal Product



Hydraulic Seals

Max Spare has a wide range of hydraulic seals in different profiles and materials which are suitable and rated from 0 to 2500 Bar working pressure. Max Spare offers its hydraulic seals range for all light, medium and heavy duty working applications.

In combination with profiles and sealing materials it gives customers an extensive choice to select the appropriate seals as needed.

Hydraulic seals range includes:

- Single acting
- Double acting compact seals
- Fabric seals
- Teflon seals
- Vee Pack Set



Pneumatic Seals

Max Spare offers its Pneumatic Seals range in elastomers and plastic Sealing materials.

Special big diameters seals are also offered in this range for low pressure body stamping mechanical presses.

Pneumatic Seals range includes:

- Single Acting U-Seal
- Double Acting Seals
- TDUO Piston Seals
- Teflon Seals
- Cushion Seals



Rotary Shaft Seals

Max Spare offers a wide range of rotary shaft seals that are used in almost all industries for different applications like gearbox, motor pumps, rotary joints, bearing chocks etc.

Rotary seals profiles are available for temperature ranges up to +260° C and size ranges upto 3 meters Dia in various elastomers and thermoplastic sealing materials.

Customized rotary seals are offered as per the application requirement.

Rotary seals range includes:

- Standard Rotary Seals
- Heavy Duty Seals
- Fabric Seals

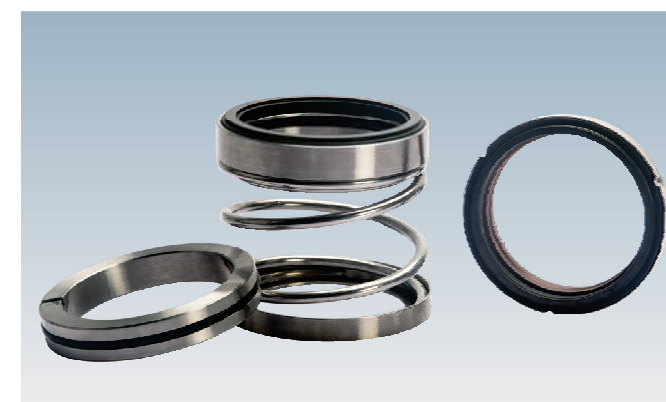


O-Ring & Quad Rings

O-Rings & Quad Rings are general purpose sealing elements used in static or dynamic applications.

Max Spare O-Rings and Quad Rings are made from a wide variety of elastomers and thermoplastics like FKM, VMQ, Polyurethane, PTFE and NBR etc.

Standard BS sizes available ex-stock.

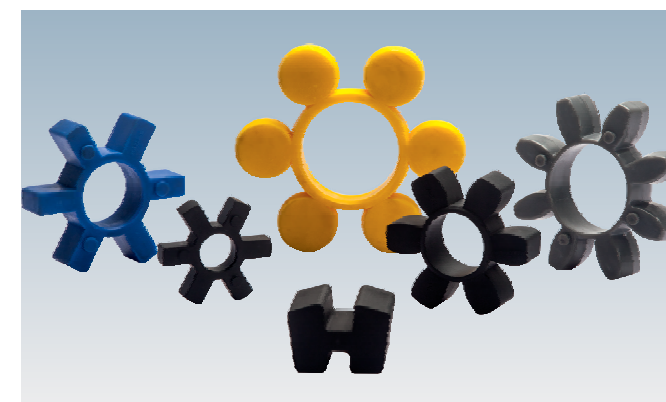


Mechanical Seals

Mechanical seals are an integral part on all fluid pumps and are a viable alternative for lip seals as well as packed glands.

Our ranges in these seals are:

- Rubber bellow seals
- Teflon bellow seals
- Metal bellow seals
- Single inside unbalanced
- Single inside balanced
- Single outside



Spiders

Rubber or polyurethane spiders are used in couplings to transmit power from motor to gear box. It comes in different variants and sizes. Max Spare offers N-series, P-series, K-series, M-series, T-series and H-series standard variants in this range of available stock.

Other ranges like tyre spiders and special spiders are offered on request.

Engineered Custom Molded Parts



Custom Molded Parts

Customized seals, special profiles and other components are manufactured in a wide range of standard and specialized elastomers for all types of industries and applications. These special parts are manufactured in close tolerances. Maxspare can design, develop and supply engineered molded parts as per customer requirements.



Plastic Parts

Maxspare manufactures a wide range of thermoplastic moulded parts for uses as bearing rings, chemical and electrical applications etc. Any special types and profiles can be supplied as per requirements.



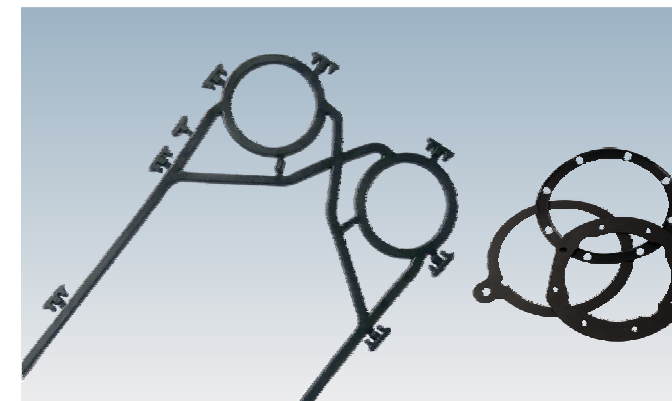
Rubber-to-Metal and Rubber-to-Plastic Bonded Parts

In many application parts to be needed with rubber or plastic bonded, such composite molded part has advantages in terms of robustness, quality, & performance. Bonding of either standard or specialized elastomers with large variety of metals and thermoplastics. Maxspare can work with you to design and develop products to suit your application requirements.



Diaphragms

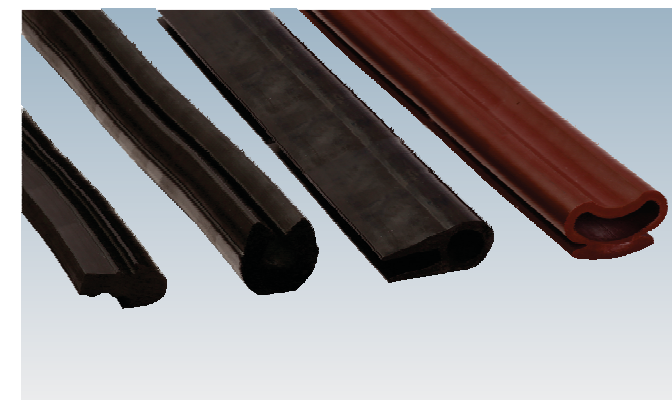
Diaphragms are available in many designs, in a variety of homogeneous fabric reinforced elastomers, including the PTFE and other material to withstand chemically aggressive environments.



Gaskets / PHE Gaskets

Elastomers gaskets are primarily fitted in flanges and widely used in sanitary and industrial applications. A range of material types can be manufactured to meet specific requirements for different industries.

Plate Heat Exchanger (PHE) gaskets are fits between the heating and cooling plates that are widely used in many industries, especially in food and beverages.



Extrusion Profiles

Custom fabricated extrusion can be made into an unlimited combination of shapes, sizes and profiles. Rubber extrusion can be supplied in either bulk cord coiled or spooled, or cut to specific lengths, offering an ideal cost effective sealing solution for many applications. Other applications include low closure force seals, large diameter profiles that cannot be molded, hollow o-rings, non-standard solid o-rings and other extruded profiles with large inside diameter.

Power Transmission



V-Belts

Max Spare Nirlon V-Belt offers excellent quality at an economical cost. Having pan India channel partners & dealers makes belts easily available in the market.

V-Belts range includes:

- Classical & Wedge V-Belt • Banded V-Belt
- Narrow/ Wedge V-Belt • Profile Top V-Belts
- Hexagonal V-Belt • Combined & flat V-Belt
- Cogged Belts • FHP V-Belt

Max Spare new range special Belts includes Power heavy duty Belt, AOH Oil & Heat Belt, FRAS Anti Fire Belt.



V-Lock Pulleys

Maxspare V-Lock dual duty pulleys are standard range of metric pulleys. They eliminate re boring and keywaying problems since each pulley need not be finished according to different bore and keyway requirements.

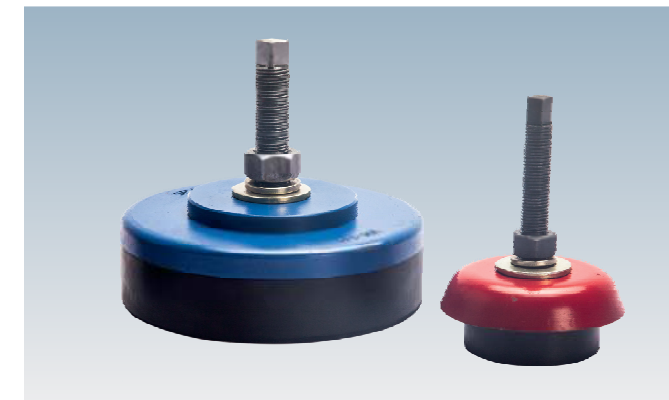


Couplings

Max Spare has three varieties of couplings available in its range. Curved and straight jaw couplings and Tyre couplings. Useful in the industries for light medium and heavy duty power transmission applications.

- Best quality cast iron body
- Extra strength and durability
- Easy and fast installations
- Available ex-stock

Other Products



Mountings

Max Spare round mountings are available for easy installation of machines, arrest noise level and vibrations. Adjustable built - up guide helps precise leveling of the machine and keeps it static.

Max Spare adjustable mountings are available in 11 models to suit different load bearing capacities.

Available in 2 variants, Light & Heavy duty.



Lubricants

Multi-purpose grease and spray oil are available for general maintenance work.

It is mainly used for rust prevention, rust removal, lubricating bearings, moving parts and keeping equipment working smoothly and efficiently.



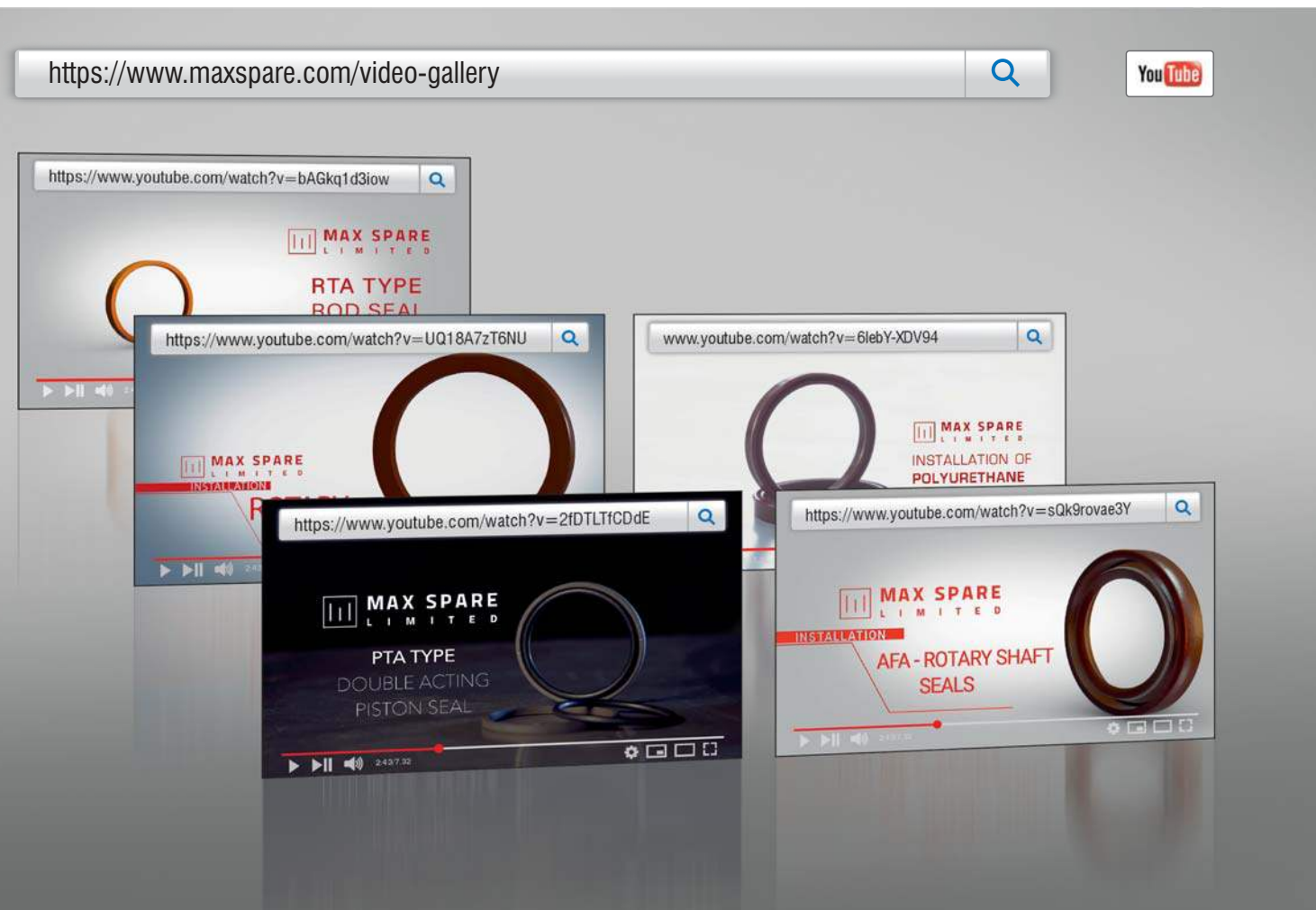
Tools

Seal twister and O Ring hook are mainly used for installation and removal of seals and O Rings, Other special purpose tools for installation are also available on request.

Max Spare is continuously developing such tools to make the maintenance person's installation work much easier during down time or shut down.

Films & Animations

For better understanding of product usage, seals installation method and sealing solutions for various applications. Maxspare had developed & uploaded videos which can properly show the function or characteristics of seals. These videos are available to view on Maxspare website or via youtube.



Scan the QR code to view films of seal installation method or on Maxspare website or via YouTube.



e-Catalogs



Scan the QR code or visit our website to download the copy of our Technical Catalogs.

Online Engg. Tools

O-Ring Calculator
Enter the groove size to get O-Ring size or input O-Ring size to have recommended groove sizes.

Quad Ring Calculator
Enter the groove size to get Quad Ring size or input Quad Ring size to have recommended groove sizes.

Chemical Compatibility
Check chemical compatibility with elastomers.

V-Belt Tech
Get basic information on drive and belt length.

Unit Converter
Simple, smart & elegant tool to convert wide range of engineering & scientific units for each dimension.

Tolerance
Get an idea about the seals tolerance.

Seal Selector
Input your application details and get the suitable seal design combination.

Equivalents
Check Maxspare seal profile equivalent to other manufacturers profiles.

Fluid Compatibility

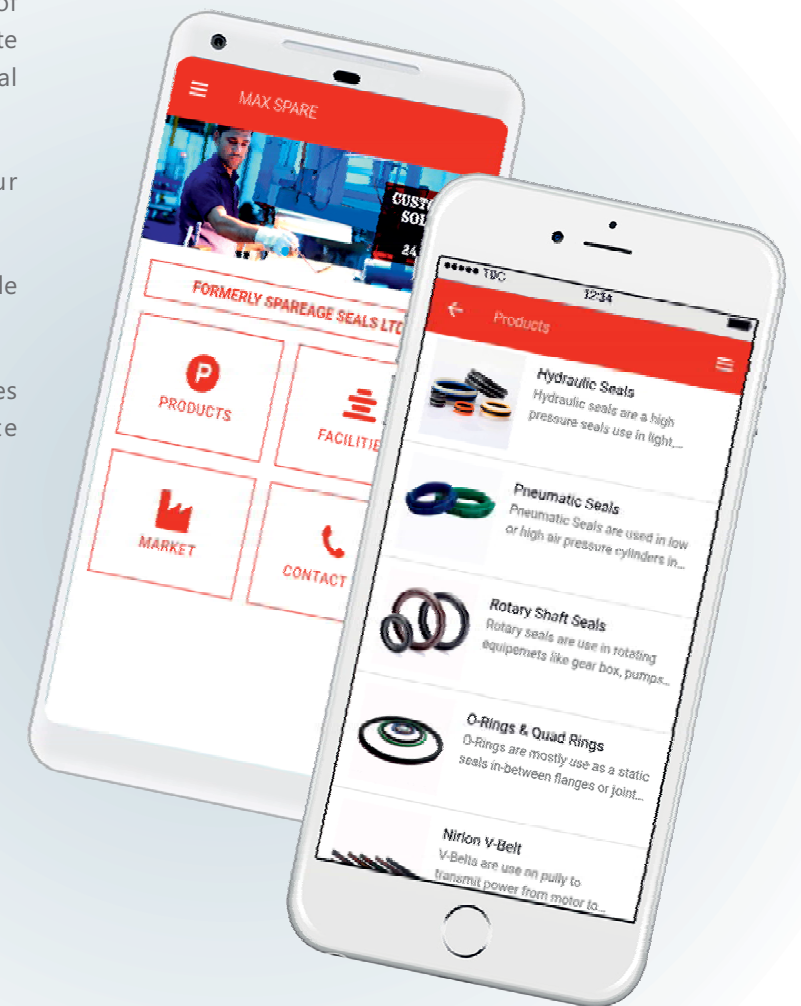
Scan the QR code or visit our website for our design support and engineering tools.



Mobile Apps

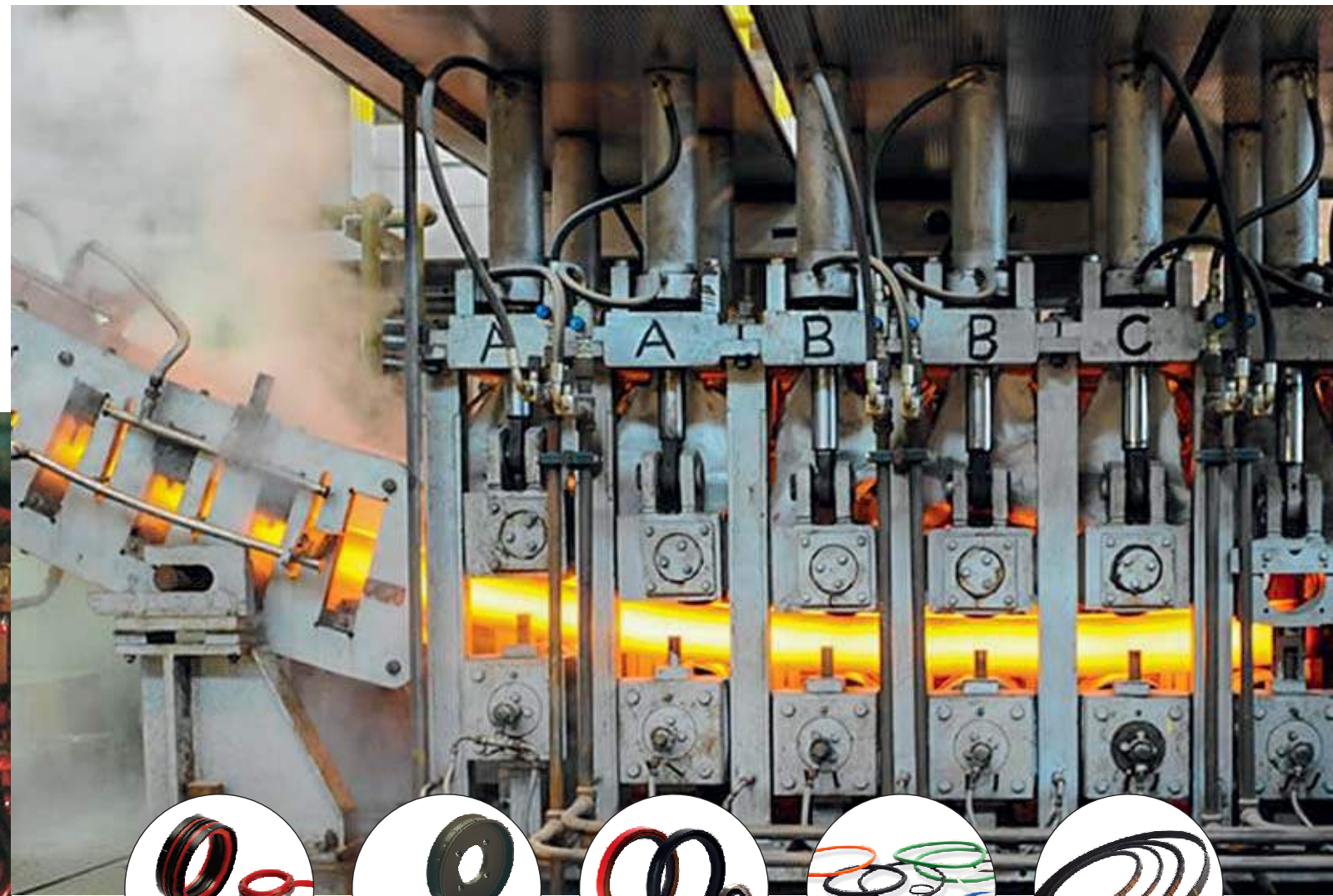
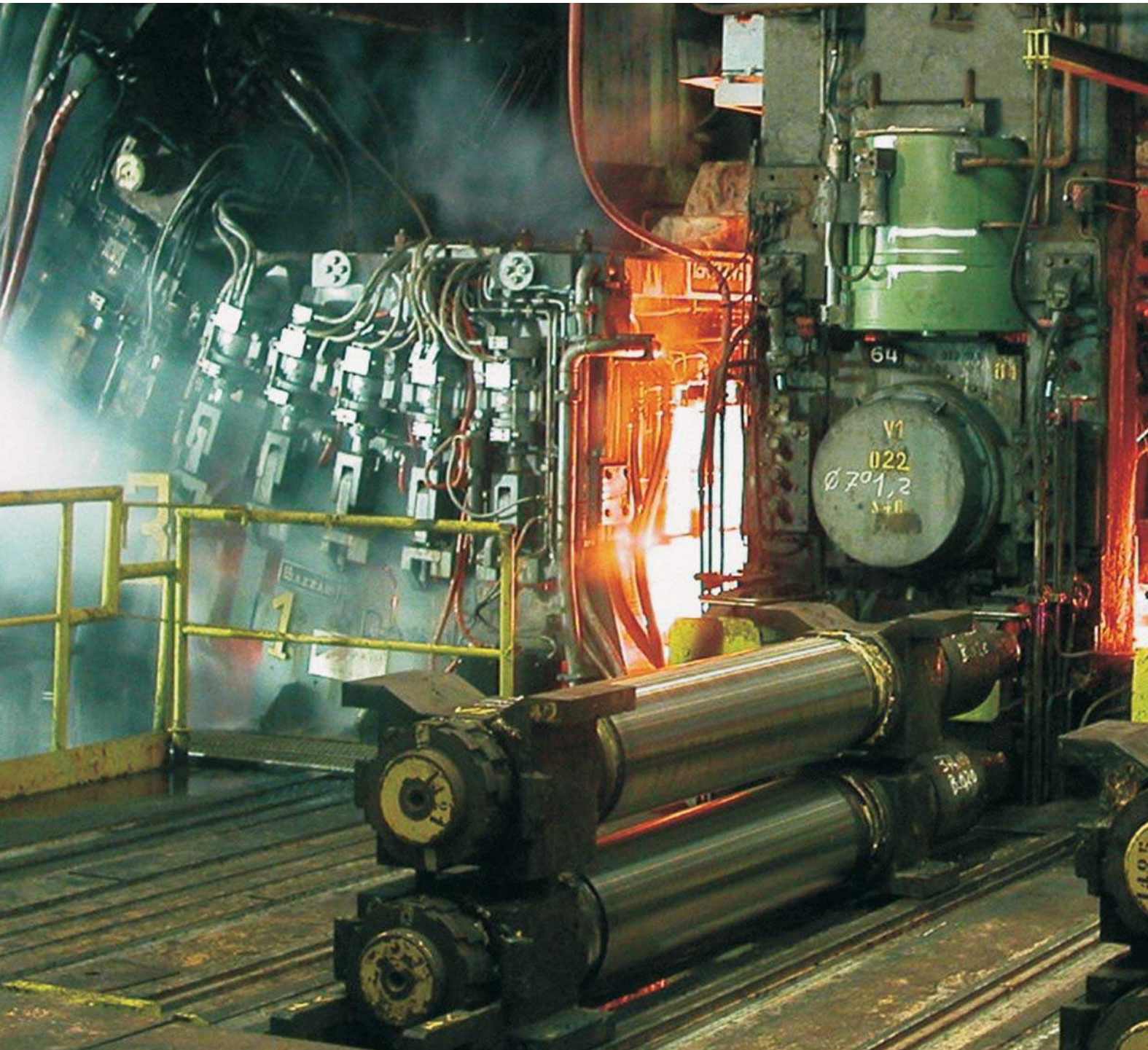
We understand the needs of our product users to have the ready info on a click. Just search for MaxSpare App in the App Store or Google Play. Also the needs of engineers are endless, visit our website for Tech Support to have technical solutions for our products.

- Easy to access updates of our products
- Advanced search for your suitable product needs.
- App inquiries are routed to sales representatives for immediate response.



Steel Mill

Max Spare is present at all different stages in steel industry across the globe, starting from iron ore processing till finished coils. Max spare has been providing technically advanced sealing solution to meet the needs of application in steel industries. Max Spare's involvement starts from application study, designing, material compounding, manufacturing till installation & monitoring performance.



Hydraulic Seals



Pneumatic Seals



Rotary Seals



O-Rings



V-Belts

Maxspare thus understand these needs which comes across during selecting appropriate seals & elastomers. We offer seals for high speed, high pressure & high temperature. Also offers customized sealing solution without carrying out major modification in the existing setup. Maxspare with its technical expertise, field support, wide network can be your reliable source to cater your needs for this segment.

MOST COMMON APPLICATIONS

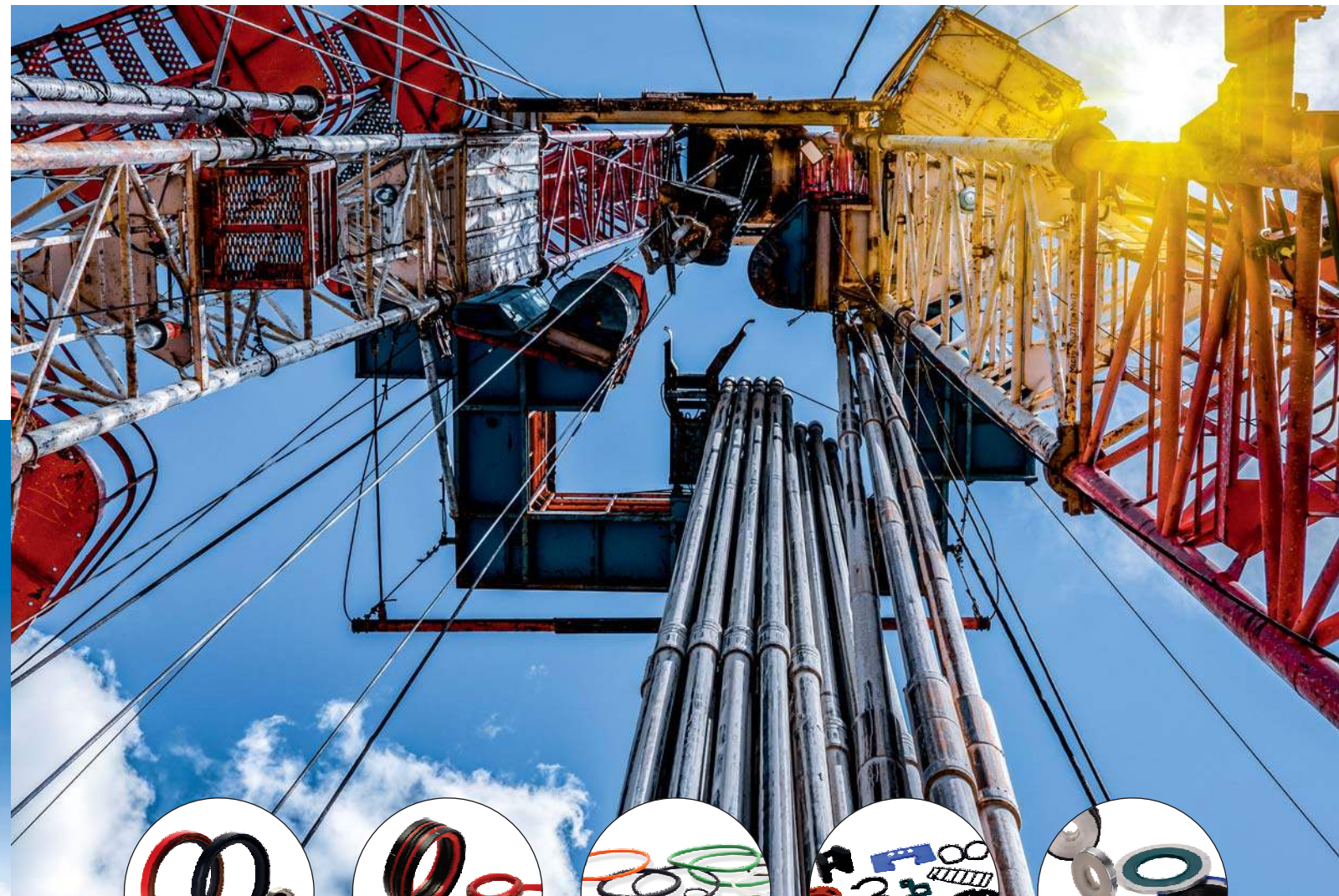
- Hydraulic Automatic Gauge Control Cylinder
- Tap Hole Drilling
- Mudgun Ramming Cylinders
- Converter
- Continuous Casting
- Stove Accumulator
- Lower Valve Seal (BF)
- Bleeder Valve Seal
- Bending & Balancing Cylinders
- Work Roll and Back-up Roll Chock Seals.
- IMR Chock Seals.
- Taper Roller Bearing Seals
- Neck Seals



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www.maxspare.com

Oil & Gas

As one of the pioneers in the industrial seal segment, we have perfected the art of producing high quality seals, taking it to greater heights. So, whether you are an OEM or into repairing oilfield equipment, you can place your trust in MaxSpare to provide top quality seals and components quickly at an economical cost.



Rotary Seals



Hydraulic Seals



O-Rings



Custom Seals



Metal to Rubber Bonded Parts

Controlling a wide range of more or less aggressive fluids and gases can be a difficult task. This is why sealing materials have to be compatible with drilling and completion fluid, acid, corrosion inhibitors and sour gas etc.

MOST COMMON APPLICATIONS

DRILLING

- BPO's Choke & Kill Manifolds
- Pipe Handling Systems
- Control Units
- Mud Systems
- Downhole Tools
- Connections

PRODUCTION

- Wellheads
- Control Units
- Completion Tools
- Gas Treating Facilities
- Artificial Lifting
- Valves and Actuator

TRANSPORATION

- Pipeline Valves
- Compressor Stations
- Pigging Systems
- Loading / Unloading Devices

REFINERIES

- Valves
- Flow Lines



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Power Plant

Seals are essential elements in the functioning of power stations. There are large numbers of sealing points that must have controlled protection, accessibility of the system.

Max Spare has a wide range of product portfolio, experience in this industry, comprehensive and thorough knowledge of the respective processes and standards. For all power station types including their primary and secondary processes, we give appropriate seals and products.



Hydraulic Seals



Pneumatic Seals



Rotary Seals



V-Belts



Mechanical Seals

Seals are mostly subject to aggressive working environment in power plants, hence Maxspare offers wide range of elastomer range to withstand in such applications. Maxspare had developed rotary seals for turbines. Also offers split seals for easy installation on site. With its extensive product range and technical know-how you can trust us as a reliable source to cater your needs in this segment.

MOST COMMON APPLICATIONS

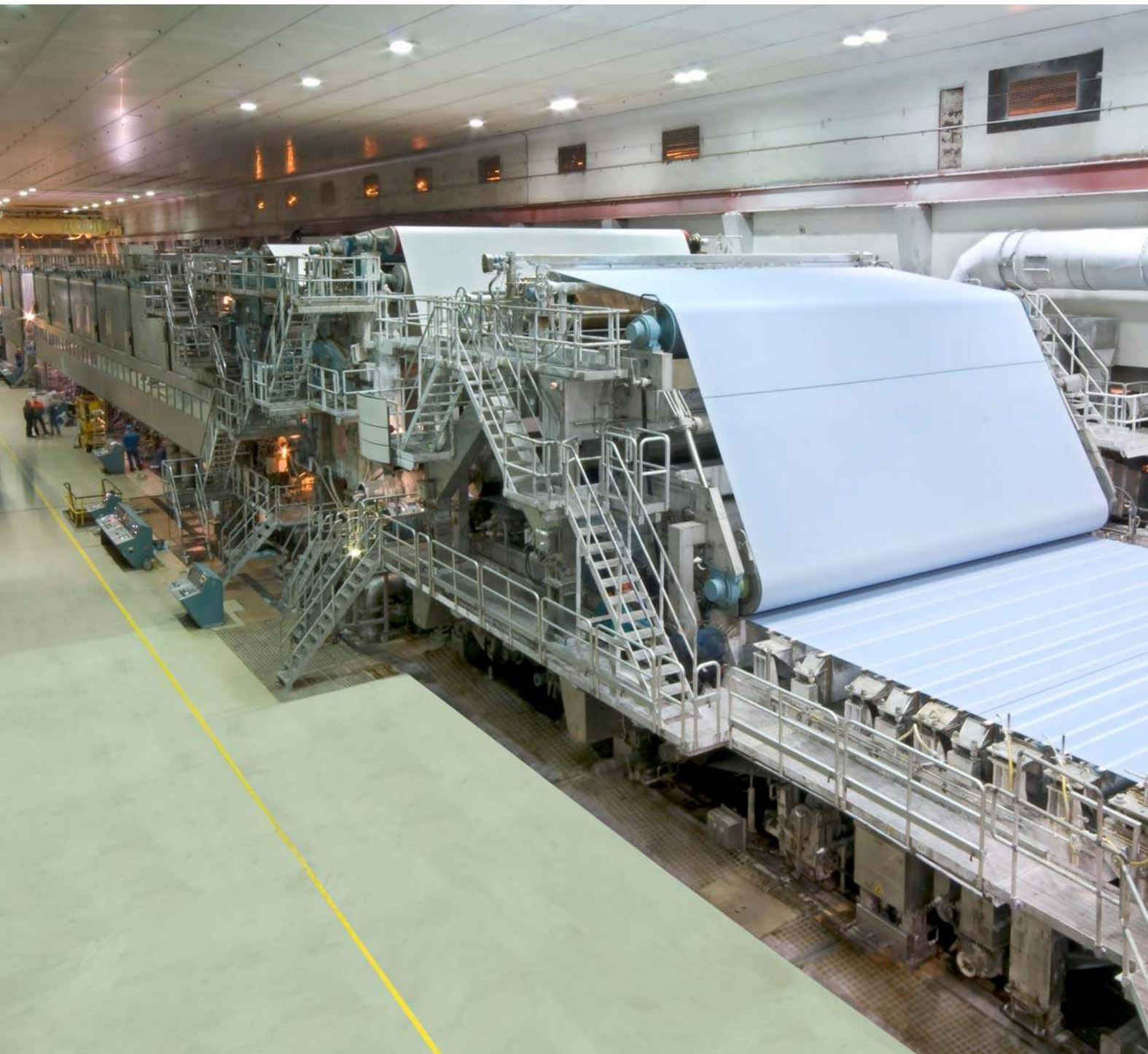
- Boiler
- Turbines
- Coal Pulverizer
- Pumps
- Gear Boxes
- Conveyors
- Roller Journal Assembly
- Tensioning System



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Paper Mill

Minimal downtime and maximum efficiency are the top most significant concerns for every manufacturer, especially those in the paper mill. Also the critical concerns are low water consumption and minimal environmental impact with cost-effective manners. Max Spare offers sealing solutions for all those challenges in the Pulp and Paper industry. Over the long span for the pulp and paper industry, we have developed a range of standard, large dia solutions which meet many of the industry's diverse needs. We also deliver non-standard solutions to suit industries' individual applications.



Hydraulic Seals



Pneumatic Seals



Rotary Seals



O-Rings



Mechanical Seals

In process of manufacturing paper, seals comes in contact with steam, water, moisture etc. hence especially plastic seals to made compatible to withstand under such environment. You can choose the appropriate seals to suit your requirements also Maxspare offers customised solution without change in existing set up of equipment.

MOST COMMON APPLICATIONS

- Roll Chock
- Pneumatic 3 Way, 5 Way & Spool Valve / Solenoid Valves
- Positioner Restrictors Gaskets
- Pneumatic Actuator
- Pneumatic Cylinder
- Hydraulic Cylinder
- Pumps
- Gear Boxes



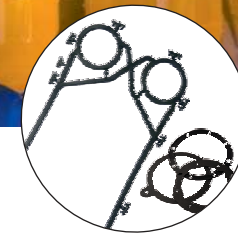
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Food & Pharma

Max Spare Limited is India's leading seal manufacturer providing standard & customized sealing solutions to clients across industries with more than five decades of experience and expertise in serving the industrial clients. MaxSpare with its wide range of seal profiles and elastomers is fully capable of serving the Food, Beverage and Pharmaceutical Industries.



Diaphragm



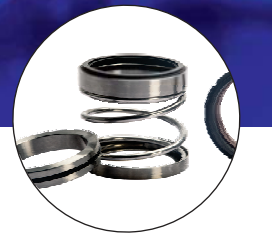
Gaskets / PHE Gaskets



O-Rings



Plastic Parts



Mechanical Seals

National Sanitation Foundation (NSF) is the most widely accepted industry norm across the world to assess suitability of the items including lubricants used in the food manufacturing process. Max Spare has developed special compounds which are compliant with FDA & NSF and has been approved & certified by a government testing laboratory.



MOST COMMON APPLICATIONS

BEVERAGES

- Valve
- Valve Stem
- Filling Valve
- Rotary Distributors
- Feed Pump
- Rotary Slide Valve
- Piston Metering Pump

MEAT PROCESSING

- Charet Pushing Machine
- Meat Cutting Machine
- Moving Platform
- Lifting Jack
- Stubbing Machine
- Dehairing Machine
- Karkass Splitting
- Tripe Cleaning

PHARMA

- Tablet Processing Machine
- Drip Tray
- Valves
- Pumps
- Gear Boxes

DAIRY PRODUCTS

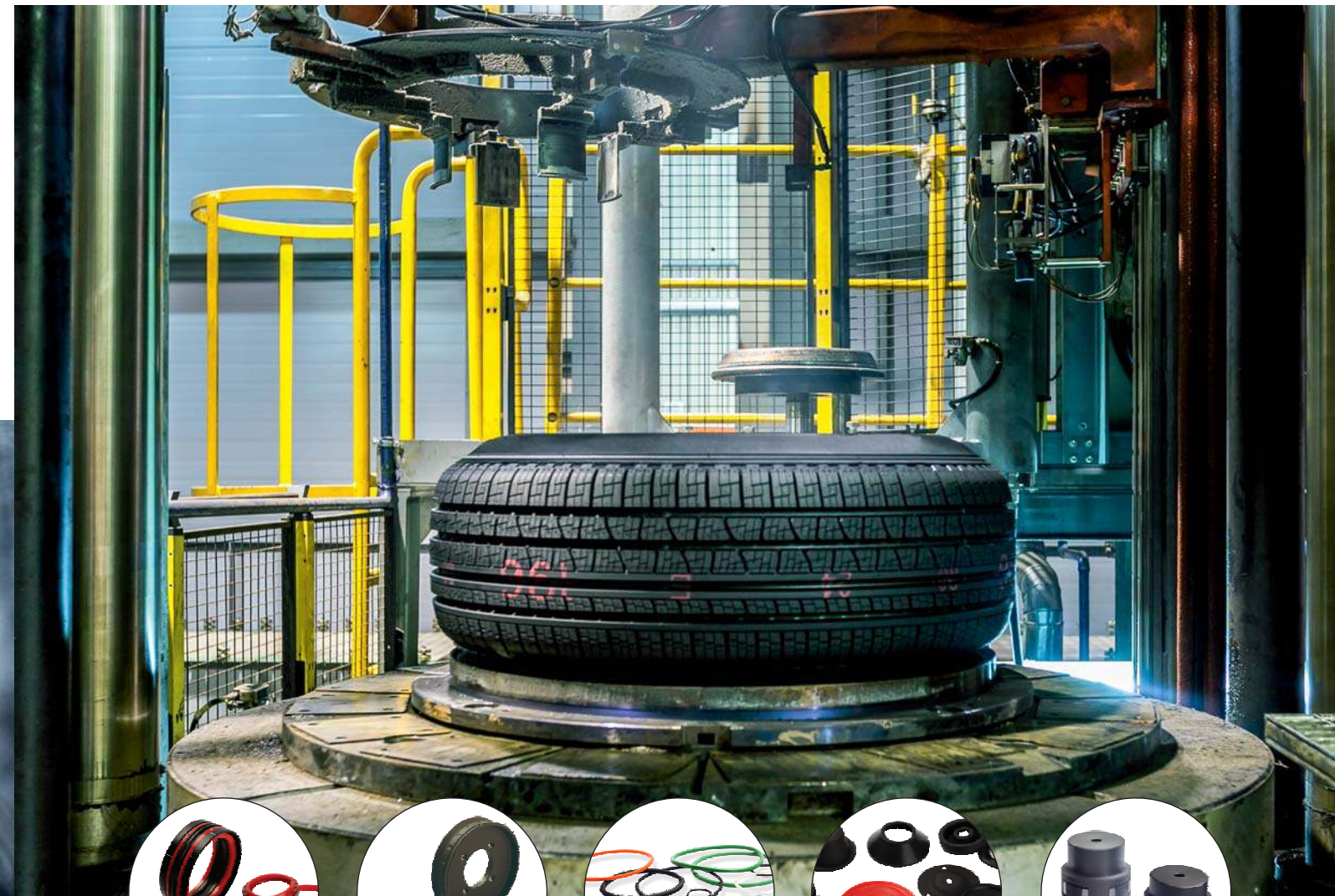
- Pressure System - High Pressure Seals
- Filling Valve
- Rotary Distributor
- Plate Heat Exchanger



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Tyre Industry

Tyre manufacturing industries have specific and typical sealing needs in the equipment used to manufacture tyres in various stages. With a combination of seal profiles and special rubber compounds, Maxspare has been serving this industry for long.



Hydraulic Seals



Pneumatic Seals



O-Rings



Diaphragm



Couplings

In this segment, Maxspare can offer best suited standard or customized sealing solution start from rubber processing till finished tyre stage. Due to our in-house facility of seal manufacturing we can deliver seal faster than anybody else. Wide network, on-site field support and extensive technical backup you can trust us as a reliable seal supplier.

MOST COMMON APPLICATIONS

BANBURY MIXER

- Indexing Cylinders
- Actuator Cylinder
- Mixer Ram Cylinder

CURING PRESS

- VCL Cylinders
- Top Ring Cylinder
- Lower Ring Cylinder
- Segment Mould Opening Cylinder
- Unloader and Loader Cylinder
- Squeeze Cylinder
- Centre Press Mechanism
- Tandem Cylinders

TYRES BUILDING MACHINE

- Bucket Cylinder
- Bamtry Seal Kit
- Shaping Drum Application

EXTRUDERS

- Triplex Head Open Close Cylinder



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Construction & Mining Machinery



Hydraulic Seals



Rotary Seals



O-Rings



Ducone Seals



Lubricants

Earth Moving Equipments are liable to outrageous working conditions, long working hours and extended service intervals. For such demanding applications, Max Spare has developed a wide range of seals using special grade of elastomer, plastic materials which exhibit reliable and extensive service life. Seal kits of hydraulic cylinders of such equipment can be supplied as per your requirement.

MOST COMMON APPLICATIONS

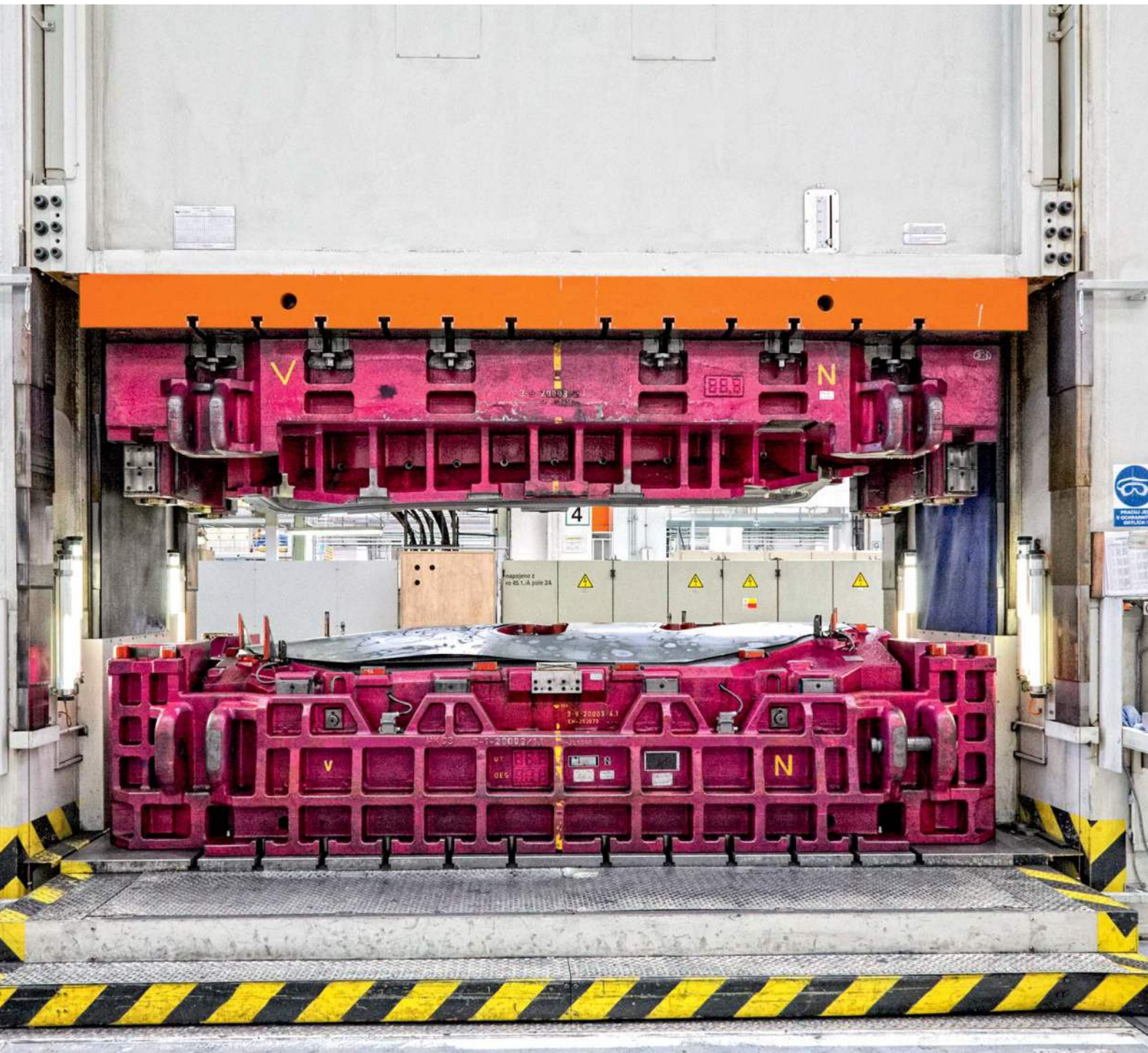
- Arm Cylinder
- Boom Lift Cylinder
- Bucket Cylinder
- Chain Drive (Mechanical Face Seal)
- Wheel Hub Seal
- Steering Cylinder



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Press Forming

Having more than six decades of experience and expertise in serving the industrial clients, MaxSpare with its wide range of Heavy Duty & Large Diameter Seals is fully capable of serving the sealing needs of various Mechanical & Hydraulic presses in different industries.



Hydraulic Seals



Pneumatic Seals



O-Rings



Lubricants



Mountings

Maxspare had developed seals for variety of press in different industries, since we are serving this press segment for a long we have large variety of moulds readily available that can cut down the cost and reduce delivery period. We have a facility to manufacture seals upto 3000mm for large presses eg. In metal stamping press for clutch & brake.

MOST COMMON APPLICATIONS

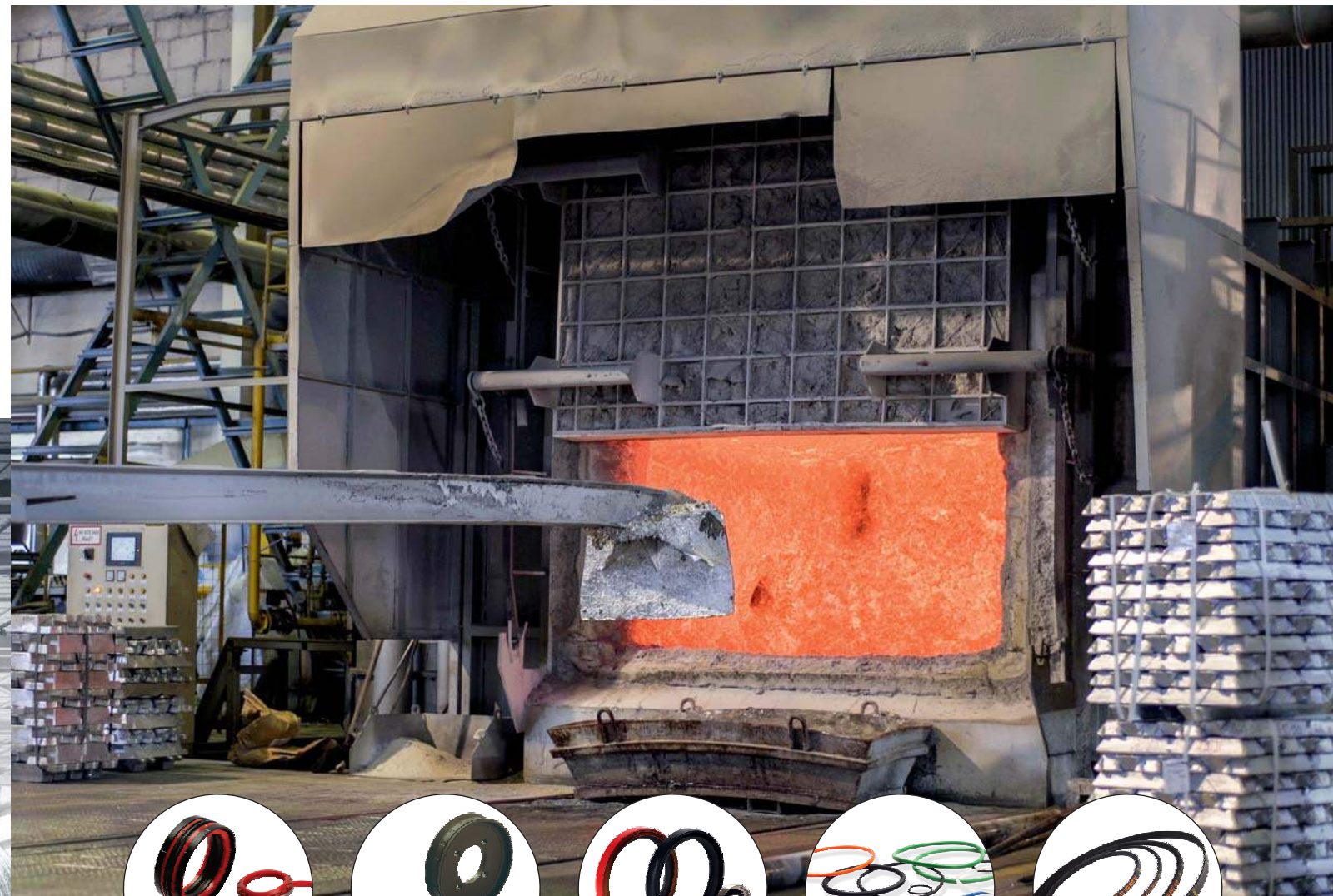
- Heavy Duty Presses
- Hydraulic Presses
- Mechanical Stamping Presses
- Forming Presses
- Forging Presses
- Aluminum Extrusion Presses
- Plywood Pressing Press



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Aluminium Industry

Maxspare has developed many standard and non-standard seals in aluminum processing industries. Having a wide range of sealing materials and profiles gives ultimate choice to the customers to select standard and customized seals at a very economical cost. Maxspare is well versed in all areas of the aluminum processing industry like smelter, pot room, billet casting, power plant, etc. and hence can serve your requirements more accurately.



Hydraulic Seals



Pneumatic Seals



Rotary Seals



O-Rings



V-Belts

Indigenization is a strength of Maxspare ability to develop seals as per any international standard which helps to make seals as import substitute. In aluminium processing plant seals are subject to high temperature and abrasive environment, Maxspare thus understand these needs and deliver seals to withstand these conditions.

MOST COMMON APPLICATIONS

- POT Room - Pneumatic Cylinder for Point Feeder
- PTM Crane - Crust Breaker Hydraulic Cylinder
- Auto Shop - Hydraulic Cylinder
- Billet Casting - Valves, Compressor
- Rolling Mill - Rotary Seals

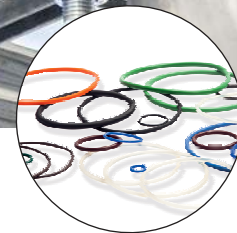
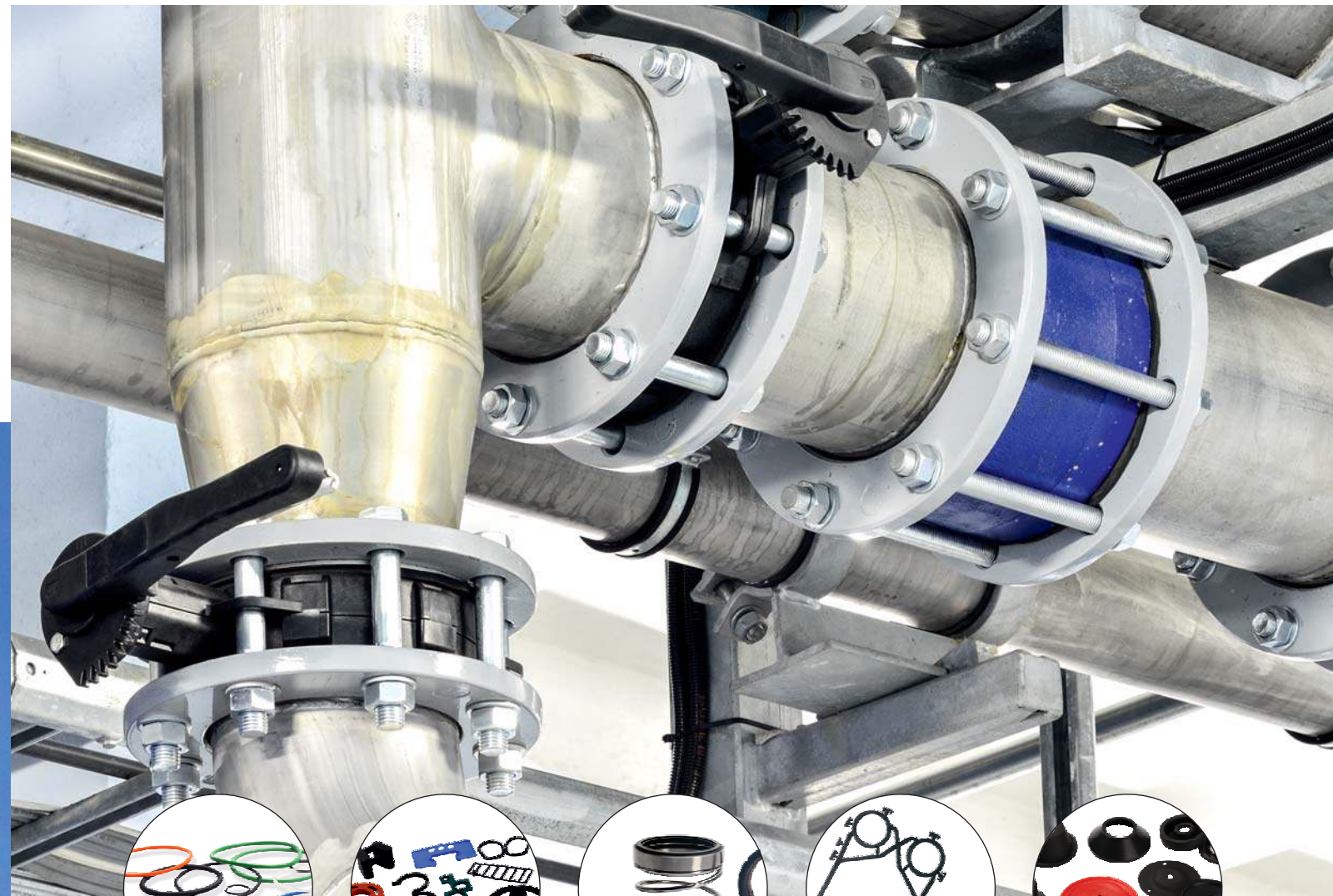


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Chemical & Fertilizer

Sealing pumps, valves, tanks, fluid metering devices and reactors in the chemical processing industry require elite materials which offer excellent chemical resistance to various forceful media.

Seals are key components for the operation of chemical plants. Rotating equipment, for example, pumps, agitators and compressors; valves and flanges as well as pipes conveying gases and fluids must be dependably sealed



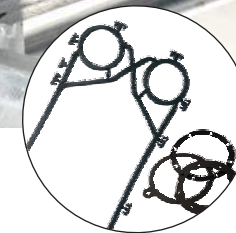
O-Rings



Custom Seals



Mechanical Seals



Gaskets / PHE Gaskets



Diaphragm

Maxspare thus understand these needs which comes across during selecting appropriate seals & elastomers. We offer seals for high speed, high pressure & high temperature. Also offers customized sealing solution without carrying out major modification in the existing setup.

MOST COMMON APPLICATIONS

- Mixer Agitator
- Reactors
- Pumps
- Valves
- Ball Valve
- Knife Valve
- Heat Exchanger



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Sugar Mill

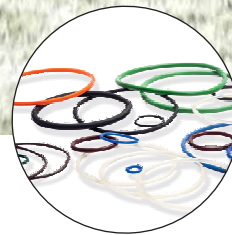
In all sugar processing plants there are various pieces of rotating equipment requiring sealing devices. With the increasing demands for enhanced efficiency, reduced waste together with improved equipment reliability there is now an industry move from traditional sealing methods. The utilization of such seals ensures plant uptime. In view of experience gained over the last 60 years. Max Spare has effectively sealed most applications in the modern sugar mill.



Rotary Seals



Pneumatic Seals



O-Rings



V-Belts



Mechanical Seals

Maxspare offers various sealing component in sugar mill. We work closely with user to develop customise sealing solution if needed in any machine or equipment. Thus you can trust on us as a leading supplier for your requirement in this segment.

MOST COMMON APPLICATIONS

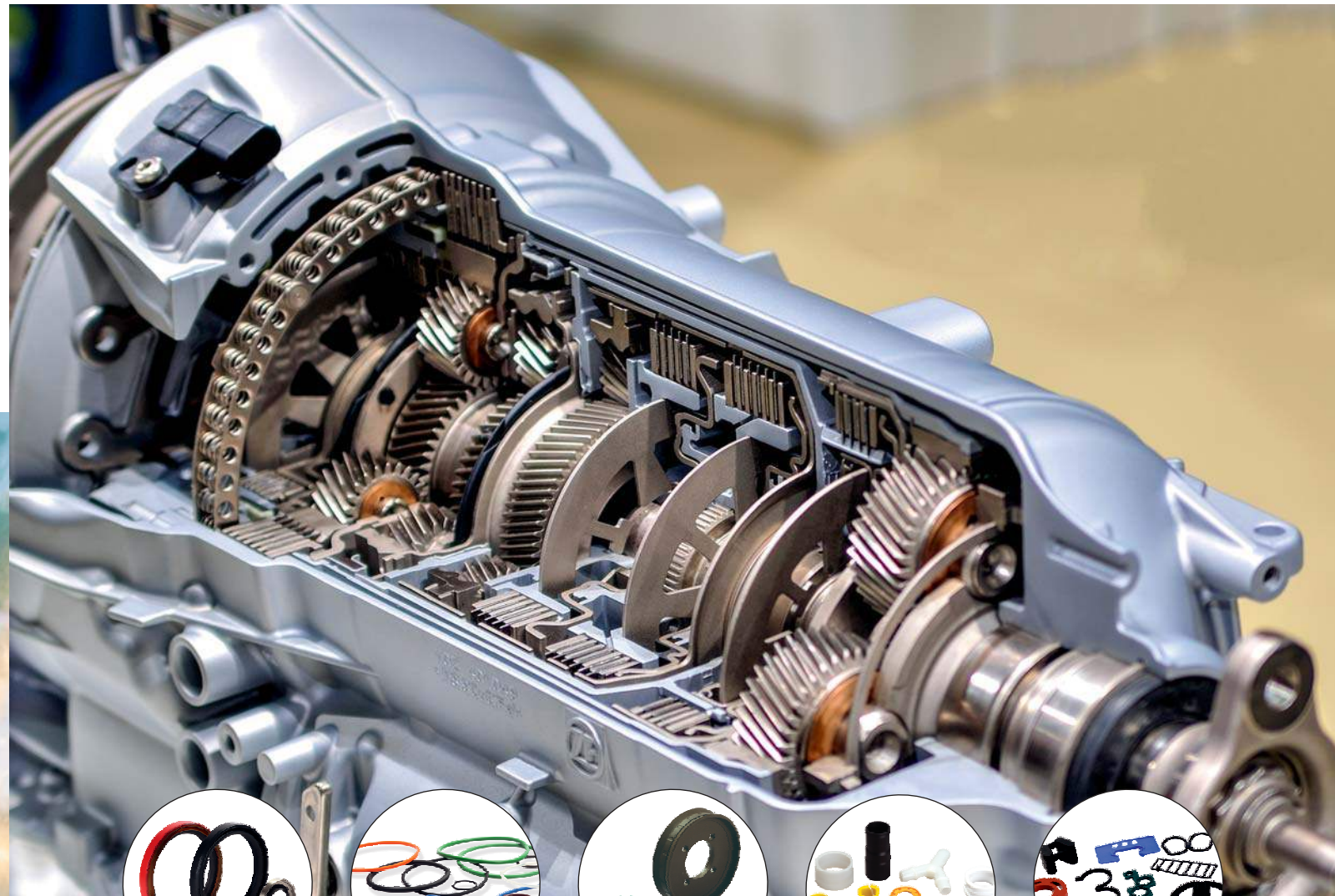
- Cane Loader
- Auto Spray Nozzel
- Centrifugal Control Valve
- Tipler Hydraulic Cylinder
- Cut Valve
- Hydraulic Puller
- Pan Cylinder



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Automotive

Max Spare produces cost-effective seals for the automotive applications with enhanced efficiency, reduced waste and effluent, together with improved equipment reliability. We work with engineers and purchasing staff of automotive OEMs and component suppliers to understand specific manufacturing needs enabling us to find economic short lead-time solutions to support your production.



Rotary Seals



O-Rings



Pneumatic Seals



Plastic Parts



Custom Seals

In some of the component in Automotive, seals are directly related to the human safety. Considering this important factor. Maxspare produce seals in high end grade of sealing material. We have the in-house testing facility where we conduct endurance testing on prototype before going ahead for mass production.

MOST COMMON APPLICATIONS

- Transmission Gear Box
- Axels
- Shock Absorbers
- Axel Hub Seal
- Pneumatic Valves
- Fuel Systems
- Power-assisted Steering
- Brakes
- Powertrains
- Gas Springs



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Valves

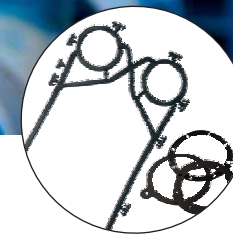
Different types of valves are used in processing industries to control the flows of fluids or liquids, hence sealing parts play a vital role to ensure the smooth functioning of valves. Max Spare is well versed in such kinds of applications to design and develop sealing elements. Special grade of elastomers with precise and closed tolerance seals are manufactured for valve industries.



O-Rings



Diaphragm



Gaskets / PHE Gaskets



Valve Seats



Teflon Seats

Max Spare is engaged with a couple of OEM's in valve segments to cater to their sealing needs. Max Spare is supplying seals for valves used in Food Industries, Oil & Gas Industries, Chemical Industries, Water Supplies, etc. Max Spare is also supplying standard and special seals for actuators which are supporting equipment for valves.

MOST COMMON APPLICATIONS

- Butterfly Valves
- Ball Valves
- Gate Valves
- Cock/Plug Valve
- Globe Valve
- Needle Valve
- Poppet Valve
- Spool Valve



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Windmill

Maxspare has the expertise and experience in developing seals for demanding applications of wind power turbines. Special formulated elastomer is developed for the seals use in various applications in wind turbines, making seals operate in the most challenging working conditions. With Wide range of seal profiles and ability to make any size with special grade elastomer, Maxspare is confident to serve the challenging requirements in wind power generation.



Hydraulic Seals



Rotary Seals



O-Rings



Extrusion Profiles



Plastic Parts

Maxspare developed seals for some of the critical applications in windmill. Changing seals in operating windmill is very tedious job, hence keeping this as an important factor, Maxspare manufacture seal with special rubber compound and design to serve the longer working life. We also offer split seal to make the installation much easier.

MOST COMMON APPLICATIONS

- Generator
- Rotor Blade Pitch Cylinder
- Pulse Encoder
- Main Break
- Accumulator
- Lock Cylinder
- Main Gear
- Blade Bearing
- Yaw Brake
- Slewing Bearings

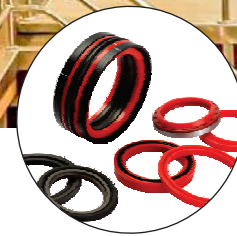


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Hydro Power

MaxSpare offers a wide range of standard & customised sealing solutions for the Hydro Power sector, engaging with reputed clients in this sector and supplying seals made from superior rubber compounds that has been tested in the field. MaxSpare has the capability to produce seals upto 3000 mm dia in any elastomer and thermoplastic material.

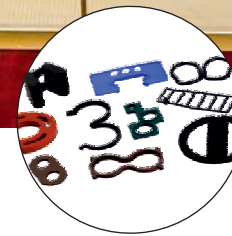
Thus make Maxspare a reliable source to cater the requirement of this segment.



Hydraulic Seals



O-Rings



Custom Seals



Extrusion Profiles



Diaphragm

Maxspare engineered and design seals and sealing elements for old and new equipment in Hydroelectric sector. The seals is molded with specific NBR compound on the sealing lips and reinforced with fabric to ensure a robust seal for worn out bushings. The Blade seals operates under low pressure on Kaplan Blades. The seals can be supplied endless for new installations or can be supplied split with pins to form endless seal in the field, hence installation of split seals require less downtime and manpower.

MOST COMMON APPLICATIONS

- Kaplan Turbine Blades
- Wicket Gates
- Servomotors & Navlock Cylinders
- Francis Turbine
- Pelton Turbine
- Bulb or Tubular Turbine



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Agriculture

Farmers face multiple challenges in today's agricultural environment, with extreme operating conditions of producing more food on fewer acres while at the same time minimizing environmental impact. Max Spare is plowing into the future by supplying manufacturers with sealing components combining innovative materials and advanced designs with the latest technology for farming equipments.



Hydraulic Seals



Rotary Seals



O-Rings



V-Belts



Ducone Seals

MaxSpare is engaged with agriculture equipment manufactures offering seals like cassette seals, mechanical face seals etc in special rubber compounds for working in muddy conditions. Mainly the challenge is to keep the rotating part running and avoid ingress of mud, dust & water. Also our wide network helps farmers to get the aftermarket spare service in case of repairing the equipment. Our seals had proven this and are working satisfactorily in this segment.

MOST COMMON APPLICATIONS

- | | | |
|-------------------------------|----------------------|----------------------|
| ▪ Power Harrow | ▪ Flail Mower | ▪ Tillers |
| ▪ Rotary Tiller | ▪ Rotary Slasher | ▪ Wrappers |
| ▪ Compost Spreder | ▪ Rotary Mulcher | ▪ Forage Harvesters |
| ▪ Cultisol | ▪ Crushers | ▪ Mower-conditioners |
| ▪ Mechanical Seed Drill | ▪ Telescopic Loaders | ▪ Combine Harvesters |
| ▪ Pneumatic Precision Planter | ▪ Ploughs | ▪ Presses |
| ▪ Rotavator | ▪ Cultivators | ▪ Seeders |



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Hydraulics & Pneumatics



Hydraulic Seals



Pneumatic Seals



O-Rings



Vee-Pack



Guide Rings

Hydraulic and Pneumatic Cylinders are commonly and widely used in all industries, from Light Duty to Heavy Duty applications with different strokes and pressure ratings. These cylinders are a very important part in every industry. Cylinders failures are costly and a time consuming affair especially in processing industries, hence the reliability of seals in cylinders plays an important role. Max Spare for several years has engaged with Cylinder manufacturers (OEM) providing aftermarket replacement for many internationally reputed brands of cylinders and supplies seals for Hydraulic and Pneumatic Cylinders in a wide range of profiles and materials. Standard seals are readily available in stock.

MOST COMMON APPLICATIONS

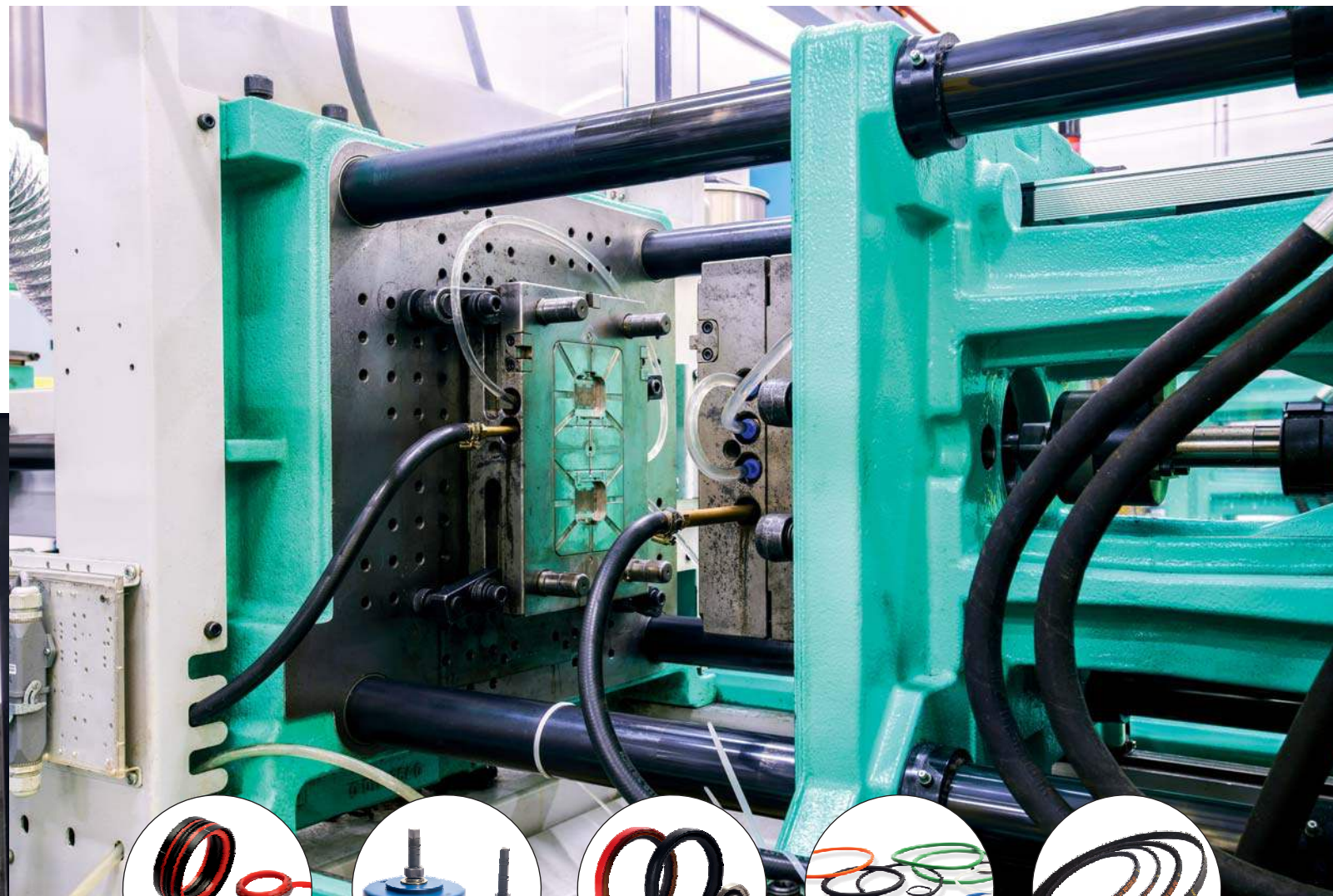
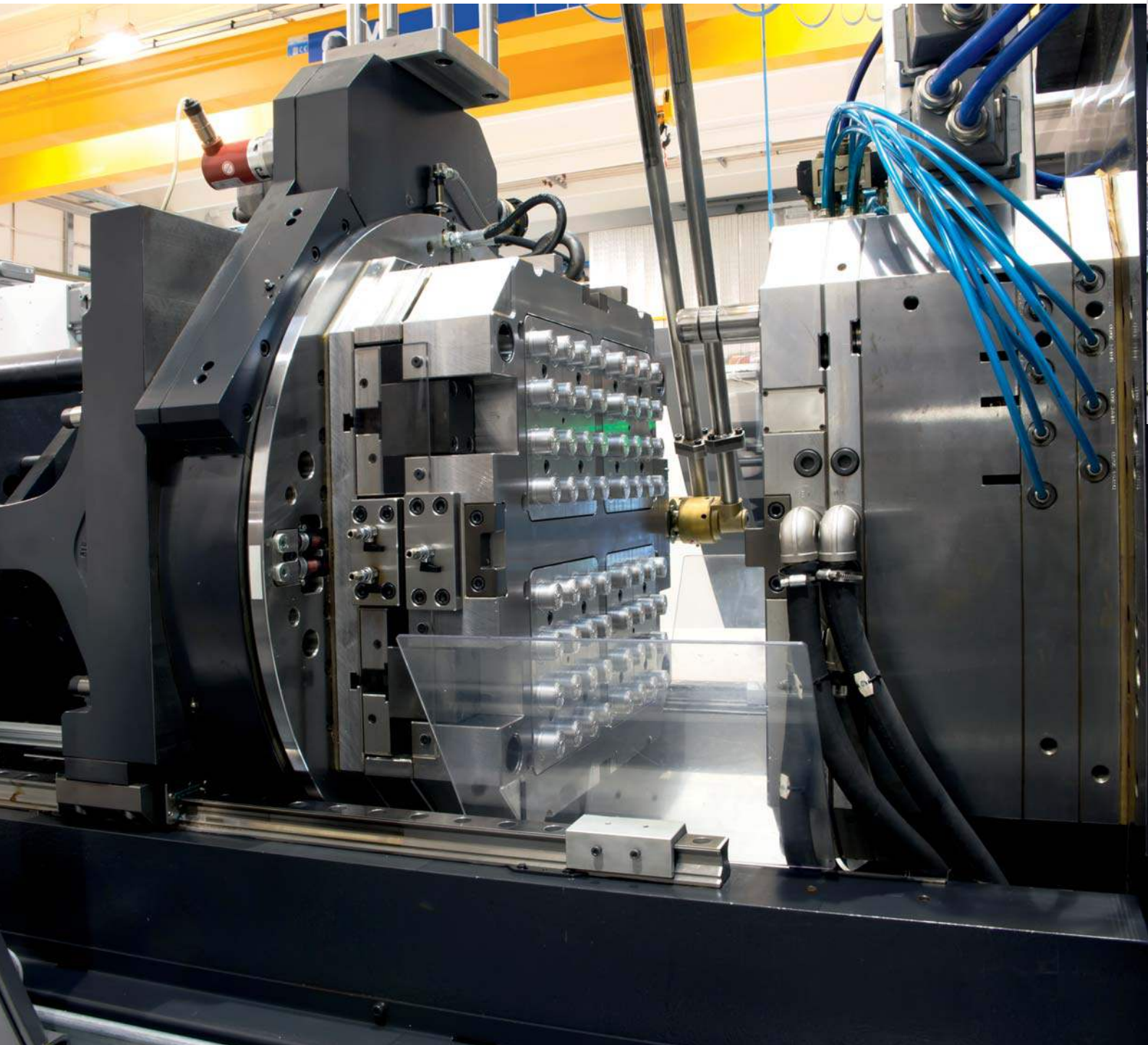
- All types of Light, Medium & Heavy Duty Hydraulic Cylinders
- Standard Pneumatic Cylinders
- Rodless Pneumatic Cylinders



Scan the QR code or visit our website to find out more about our solutions for your industry.
www.maxspare.com

Machine Tools

Max spare offers a wide range of sealing solutions for machine tools, engineering & fabrication works and seals for hydraulic cylinders in injection moulding machines and special seal for CNC turret.



Hydraulic Seals



Mountings



Rotary Seals



O-Rings



V-Belts

MaxSpare serve Machine Tool segment with its variety of product range start from reciprocating seals, rotary sealing elements, static seals, custom moulded elastomers and plastic parts till Anti vibration pads for machines base. We offer customise sealing solution for customer designing special purpose machines. Also offer retrofit option for old machines without or minimal modifying the existing setup. Our CNC base machined seals express facility help to serve the urgent requirements of seals or custom machined parts within short time in economical cost. Hence we can be your reliable source to cater your needs for this segment.

MOST COMMON APPLICATIONS

- Special Purpose Machines
- Rotary Equipments
- Robotic Arms
- Swivel Joints
- Hydraulic Cylinder of Injection Moulding Machine
- CNC Turret



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Cement Plant

Cement is typically made from limestone and clay or shale. There is a lot of process involved from raw material extraction till the cement powder creation and many requirements to be met by Sealing components in the applications. As a manufacturer of high quality products, Maxspare understands these field demands and with its perfect sealing technology can deliver sealing solutions across the globe. So whether you are an OEM or into maintenance of equipment, you can place your trust on Maxspare to provide top quality seals and solutions quickly at an economical cost.



Hydraulic Seals



Pneumatic Seals



Rotary Seals



O-Rings



V-Belts

Maxspare have an ability to produce standard as well as customize products for small quantity orders also. Thanks to the in-house CNC base mould making facility & rubber compounding, Maxspare can deliver seals faster than anybody else. Hence in short, Maxspare with its Technical expertise, field support, wide network can be your reliable source to cater your needs for this segment.

MOST COMMON APPLICATIONS

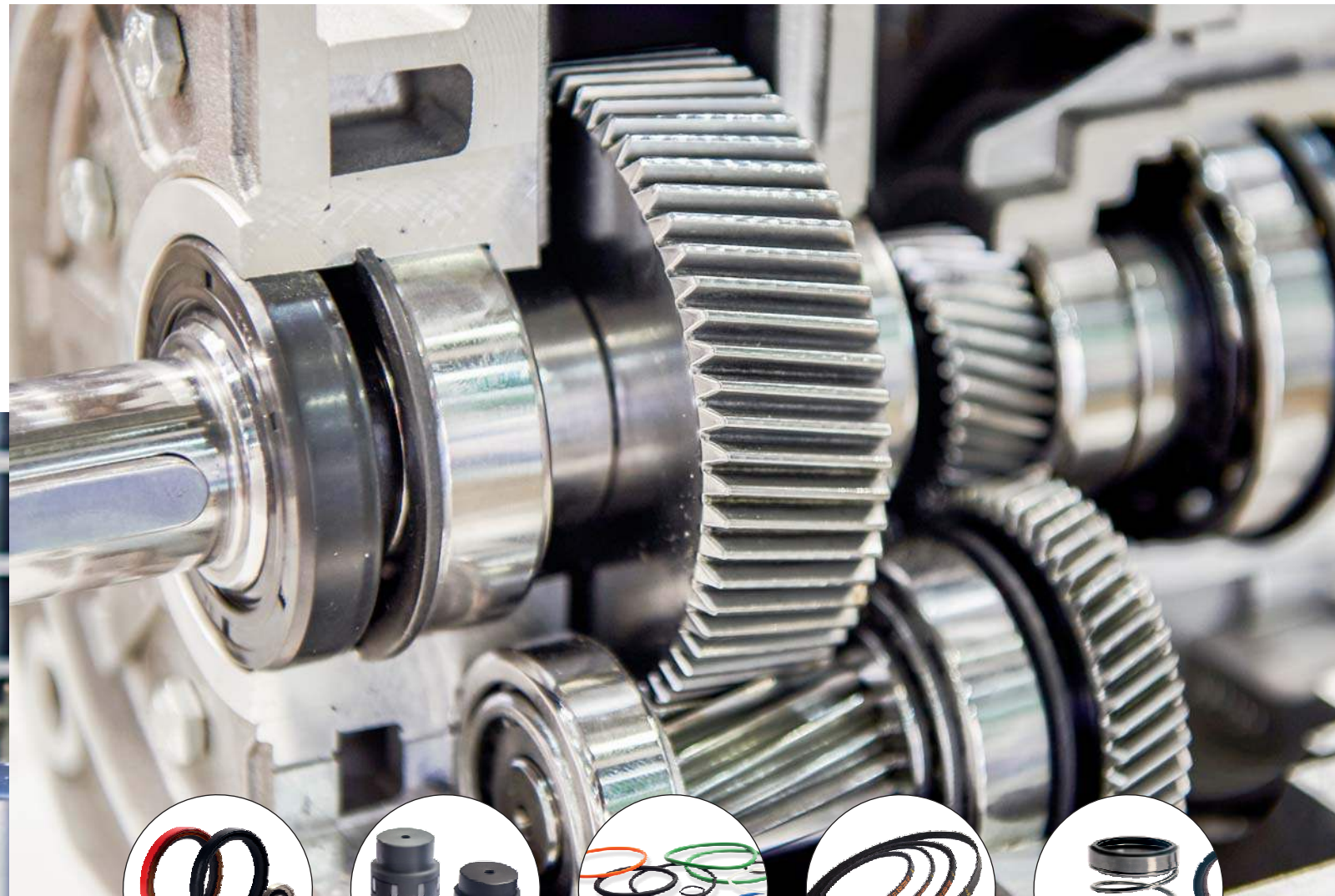
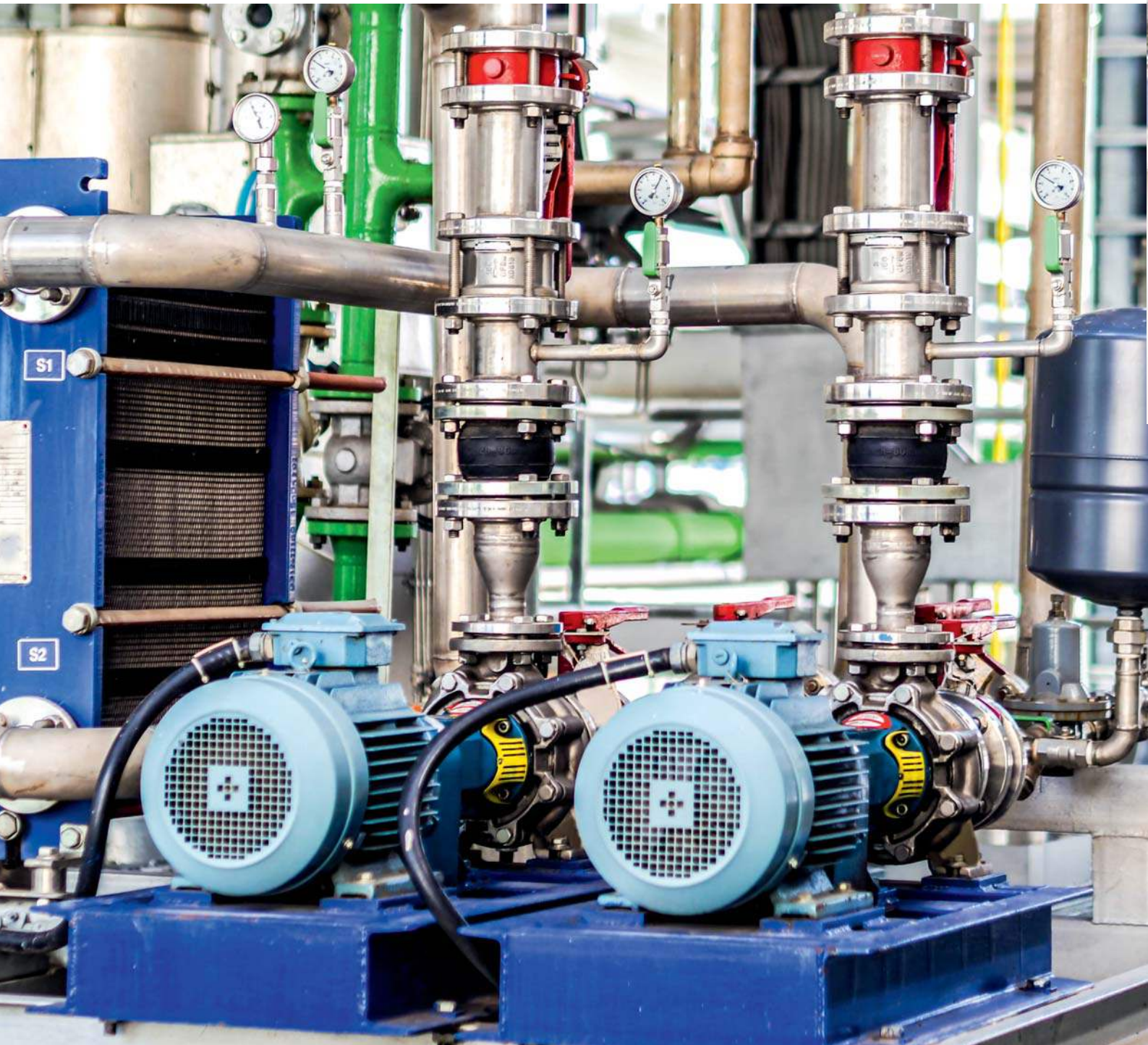
- Stackers & Reclaimers - Hydraulic Cylinders
- Bucket Elevators - Pillow Block Unit
- Vertical Roller Mills - Hydraulic System, Bearings Gear Boxes
- Rotary Kiln - Gear Drive
- Ball Mill - Main Gear Drive, Slide Shoe Bearing, Gear Housing Seal
- Roller Presses - Main Roller Bearing, Planetary Gear Box



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Pump Motor & Gear Box



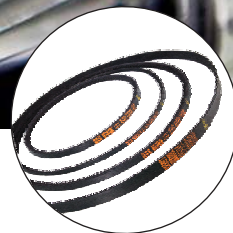
Rotary Seals



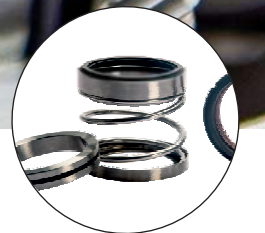
Couplings



O-Rings



V-Belts



Mechanical Seals

MaxSpare established its products range in OEM & Replacement market. Thus serving in various industries, our seals are widely use in pumps, motors & gearboxes. MaxSpare is involved with many OEM manufacturer of this segment for process industries. While selecting seals and elastomers many factors to be accounted such as,

- High Speed, High Pressure
- Temperature resistance
- Media resistance
- Operating reliability
- Economy and long life
- Customised solutions

MaxSpare thus understand these needs which comes across during selecting appropriate seals & elastomers for OEM and also in field at end users. MaxSpare, full fledge R & D team is involved developing seals starts from rubber compound, design & upto endurance testing, which is conducted in-house.

Hence you can place your trust on MaxSpare for any kind of seals required for pump, motor & gearbox. Our team is ready to cater your needs on time.

MOST COMMON APPLICATIONS

- Various Industrial Gear Boxes
- Submersible Pump
- Medium & Heavy Duty Motors
- Centrifugal Pump



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www.maxspare.com



Thank you!

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