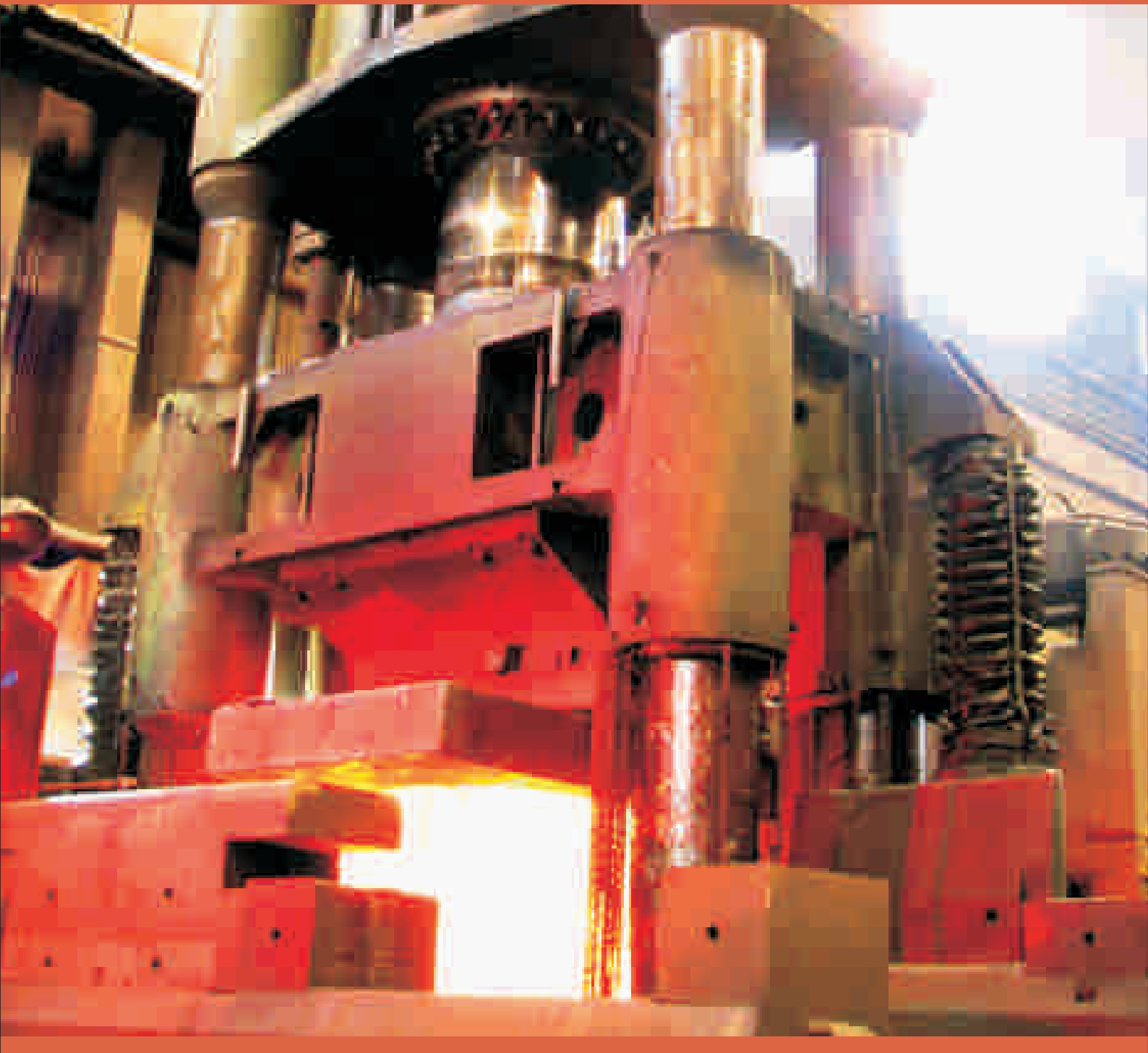


Press Forming Industry



Spareage at a Glance



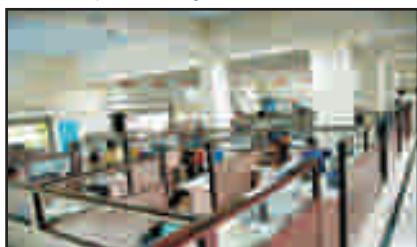
Corporate Office



OEM Facility

Spareage, a company that was born in 1959, is India's leading Seal manufacturer having a total workforce of 500 employees. Exporting 60% production to Europe and U.S.

Sales Dept. & Design Team



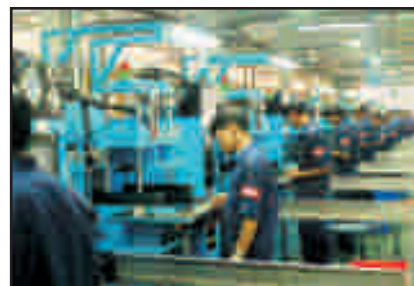
Quality Control



Continuous Research,
Design & Development
for new & improved seals

100,000 moulds of standard and non standard seal designs and 250 rubber and thermoplastic compounds are readily available for production.

Line Production



Trusted by leading OEMs & replacement market world wide.

Customised
moulding presses



High tonnage presses
upto 2500 mm in diameter



Express Seals Production



The oldest & the biggest manufacturer of seals in India with technologically advanced manufacturing facilities. Spareage is Trusted by leading OEMs & replacement market.

SPAREAGE[®]
Seals Limited

Sealing Solutions in the field of Press Forming Industry

Spareage, as India's leading seal manufacturer providing standard & customized sealing solutions to clients across industries. Having more than five decades of experience and expertise in serving the industrial clients. Spareage with its wide range of Heavy Duty & Large Diameter Seals is fully capable to serving the sealing needs of press in different industries.

Light, medium Mechanical & Hydraulic presses are use in forming process covering various applications such as -

- Car body stamping process
- Electric & Household appliances
- Engineering components
- Forging parts
- Plate bending & straightening
- Plywood board pressing
- Ceramic tiles making
- Vulcanising presses

To produce the heavy duty & large diameter seals in endless or split form, Spareage is having an independent division called LDS (Large Diameter Seals). In this division, seals made out of rubber, fabric, metal rubber are manufacturing within a least minimum period at economical cost. Even a small quantity requirements are cater by us. Our infrastructure of LDS can produce seals upto 3 mtr. dia.

Due to large size & heavy equipments, the maintenance in breakdown is time taking job, hence reliability & longer working life is the demand for seals in presses.







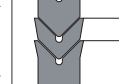



Our technical team have an experience to design standard & customised products backed with field support, you can rely on Spareage for requirement in press industry.




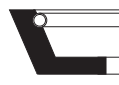








Product Line

Spareage Product Line for Press Forming Industry -

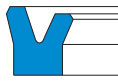




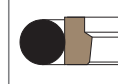

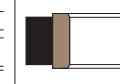
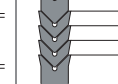
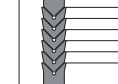
Piston Seal - Hydraulic

									
PUB	PBB	PUD	PTA	PTC	PCE	PVA	PCA	PCI	PEF




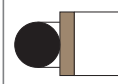






Piston Seal - Pneumatic

									
PPB	PPI	PPK	PPJ	PPC	PUG	PUF	PUC	PUA	PDE

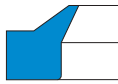



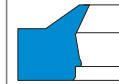




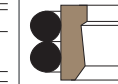
Rod Seal - Hydraulic

									
RUC	RUB	RVI	RBC	RBD	RTA	RTC	RTD	RVA	RVB










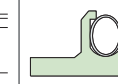
Rod Seal - Pneumatic





									
RUA	RUG	RUK	RTB	SUB	SUC	SUD	SUE	SUL	SUK

Wiper Seals - Hydraulic & Pneumatic

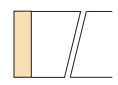
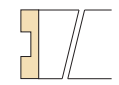
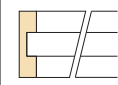

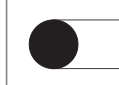
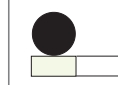
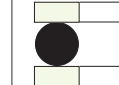


									
WRC	WCB	WCA	WRB	WRH	WRA	WDA	WRK	WTC	WTB

Rotary Seals

									
AIA	ACA	AID	ACB	AIB	ACC	ACD	AID	ATC	ATG

			
ACG	AIE	ATF	ATE

Guide & Back-up Rings

								
GA/GB	GC	GE	GD	OR	OBU	OBU	FB	FB

Application



Heavy Duty
Presses

Mechanical
Stamping
Presses



Hydraulic
Presses

Forming
Presses



Forging
Presses

Aluminium
Extrusion
Presses



Spareage Sealing Solution for presses in different industries

Spareage having capabilities to produce seals upto 3 mtr. dia in-house in elastomers and thermoplastic material. This facility make us capable to cater heavy duty and robust segment.

Reliability, high performance, longer working life are the need of these industries. Spareage understand these needs and with its expertise, capacity to produce high performance sealing solutions for -

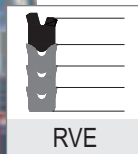
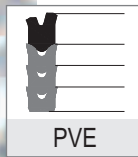
- Heavy Duty Presses
- Hydraulic Presses
- Mechanical Stamping Presses
- Forming Presses
- Forging Presses
- Aluminium Extrusion Presses

Since years, Spareage had become reliable partner in Press Forming Industry and had sharing its expertises in this segment. The following are the branches of industry for Press Forming -

- Automobile Industry
- Automobile Ancillary Suppliers
- Forging Industry
- Aluminium Extruded Parts
- Steel Industries
- Plywood forming
- Ceramic Tiles
- Vulcanise components



Press Application



Heavy Duty Press

Heavy duty V-packing used in presses for Rod & Pistons. A set consists of one pressure ring, one support ring and multiple sealing rings. These V-packing are available in cotton fabric with NBR or FKM and polyurethane.

Features -

- Long service life
- Robust under heavy duty conditions
- Adjustable centre rings as per length requirement
- Split version also available
- Sizes upto 3 mtr. dia



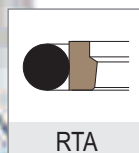
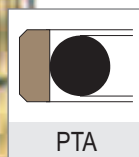
Split Style

Mechanical Stamping Press

Use in Automobile & Auto Anxillary units for vehicle body stamping process. These presses are equipped with clutch & brake. Pneumatic seals are use in this equipments due to low pressure operations.

Features -

- Low Friction
- Long service life
- High abrasion resistance
- Size upto 2 mtr dia.



Hydraulic Press

Medium and heavy duty hydraulic presses are used in all the industrial sectors. Standard V-packings and other hydraulic seals are used in combination for these applications.

Features -

- Long service life
- Stick slip movement
- Low friction
- Seals up to 1 mtr. dia

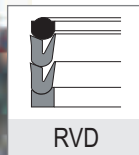
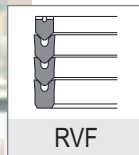
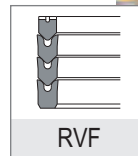
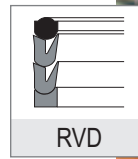
Press Application

Forming Press

Heavy duty V-packing set is use in forming press application. It has a sealing lip profile specially developed to withstand the massive side loads and high pressure peaks encountered on forming presses.

Features -

- Low Friction
- Long service life
- Optimum equipment performance
- Size upto 3 mtr. dia



Forging Press

Heavy duty V-packing set is highly driven on forging press applications. It has a sealing flip profile specially developed to withstand the massive side loads and high pressure peaks encountered on forging presses.

Features -

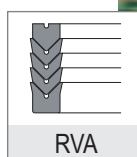
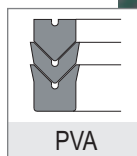
- Low friction
- Long service life
- Reduced leakage
- Size upto 3 mtr. dia.

Aluminium Extrusion Press

Horizontally operated Aluminium Extrusion Presses having V-Packing set on the piston seal and rod end. Thus V-Packs are subjected to sliding speed and high pressure.

Features -

- Long service life
- Adjustable centre rings as per length requirement
- Optimum equipment performance
- Sizes upto 2 mtr. dia



Win with Spareage ...

SPAREAGE® Seals Limited

CORE BUSINESS



HYDRAULIC SEALS

- More than 6000 std. sizes.
- Wide range of seal profiles.
- Medium & heavy duty application.
- Mould available up to 2 mtr. Dia.
- Extended information..



ROTARY SEALS

- More than 7000 std. sizes.
- Wide range of seal profiles.
- Mould available up to 2 mtr. Dia.
- Extended information.



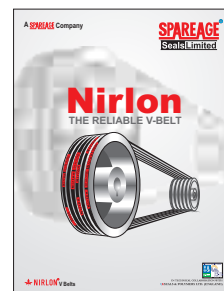
PNEUMATIC SEALS

- More than 4000 std. sizes.
- Wide range of seal profiles.
- Extended information.



O-RINGS

- Listed more than 7000 B.S sizes.
- JIS standard also available.
- Orings available in NBR & FPM matl.



V - BELTS

- Classic V-belts.
- Wedge V-belts & Narrow V-belts.
- Hexagonal V-belts.
- Profile Top V-belts.
- Harvester Combine & Flat belts.
- Fractional Horse Power belts.
- Automotive Wrapped belts.



SPIDER RANGE

- All std. sizes available with 6 different profiles.
- Mechanical Flexibility.
- Available in NBR and PU matl.
- Metal coupling available.
- Protection against overloads.

COMPANY FACILITIES



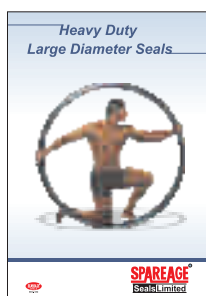
EXPRESS DIVISION

- Delivering 30,000 types of standard seal profiles in 1 hour.
- More than 100 specific seal profiles in sizes of upto 300 mm dia. within 8 hours.
- Express seals helpline.
- Metal Seals upto 200 mm in 24 hrs.



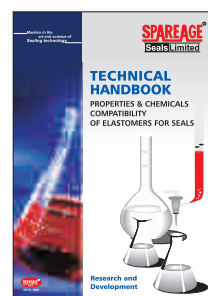
OEM DIVISION

- Injection Moulding Machines.
- PPAP
- SCADA
- Line Production Facilities.
- SAP Systems.



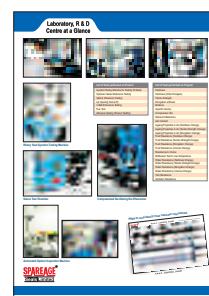
LARGE DIA SEALS

- Mfg.seals upto 4000 mm. in various elastomer compounds.
- Services to MRO & OEM Mfg.
- Large size dia making on VTL.
- High tonnage presses.
- Large size metal & rubber moulding.



R & D CENTRE

- Reverse Engineering.
- Indigenization & Import substitution.
- Endurance testing.
- Polymer & Compound testing.



TESTING LABORATORY

- 7000 sq. ft. state-of-the-art laboratory.
- Advanced testing equipment and tools.
- Testing of seals from raw material to finished stage.
- In-house testing of physical & chemical properties

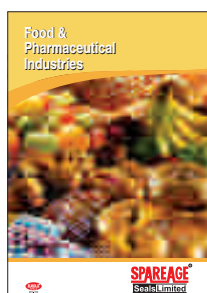
PROVIDING SEALING SOLUTIONS TO BELOW INDUSTRIES -



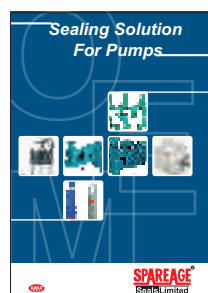
Steel Mill



Oil & Gas



Food & Pharma



Pump & Motor



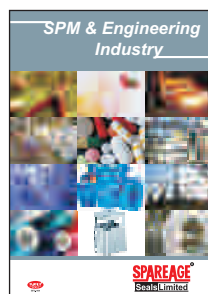
Presses



Cement



Wind Mill



SPM & Engineering

Segments -

- Automobile Industry
- Aluminum Industry
- Cement Industry
- Chemical & Fertilizer
- Earth Moving Equipment
- Engineering & Fabrication
- Food & Pharmaceutical
- Forging Presses
- Hydraulic Cylinder Manufacturing
- Oil & Gas
- Pulp & Paper Mill
- Pharmaceutical
- Pneumatic Cylinder Mfg.
- Power Plant
- Press
- Pump & Motor
- SPM & Engineering
- Steel Mill
- Sugar
- Textile
- Tyre
- Valve Manufacturing
- Wind Mill

Spareage Seals Ltd.

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E-mail: sales@spareage.com | Website: www.spareage.com



IN TECHNICAL COLLABORATION WITH
UKSEALS & POLYMERS LTD. (ENGLAND)