



SHARDA AUTO TRADERS

House Of Oil Seals



About Us

Established in 1967 by Late Mr. Sharda Prasad Mishra, Sharda Auto Traders began its journey in the industrial hydraulic segment. In 1995, Mr. Manish Mishra joined the family business after completing his studies. This pivotal moment marked our strategic shift towards the pneumatics and tractor seal segments.

Over the years, we have broadened our product range and forged strong partnerships with esteemed suppliers such as Freudenberg NOK, SPAC Pneumatics, JK Fenner Industrial Division, and JK Pioneer Tractor Division.

Our dedication to quality and service has earned us the loyalty of our customers and brands alike. We are proud to be the sole distributor in the Vidarbha region, serving a distinguished clientele that includes UltraTech Cement Ltd, Western Coalfields Ltd, Prithvi-II Missile Regiment, Mercedes-Benz India Pvt Ltd, Haldiram, and many more.

Sharda Auto Traders has seen significant success over the past 50 years, and we are committed to a continued growth in the future.

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Oil Seals

Oil seals are designed to prevent leakage and maintain lubrication in various rotary industrial applications. Available in diverse sizes and materials to suit different machinery requirements.

Brands: -

- CFW Freudenberg - NBR, VITON (Imported)
- NOK Freudenberg - NBR, VITON (Imported)
- SOG-NBR (Imported)
- JK Fenner
- OPSON
- ROYAL
- NQK



Piston Seals (D-Seals)

Piston Seal is a versatile seal designed for piston applications in hydraulic systems, offering dependable sealing performance. It provides effective sealing against pressure differentials, preventing leakage and maintaining hydraulic system integrity.

Materials: -

- BFT - Bronze filled PTFE

Compact Piston Seals (TPM)

These seals are designed for hydraulic systems where space is limited. Their space-saving design not only provides a tight seal but also guides and supports the piston within the cylinder, eliminating the need for separate guide belts. Ideal for industrial machinery, TPM offer reliable performance in confined spaces and are suitable for lower pressures compared to D-seals.

Brands: -

- Hallite
- Kastas
- Technolon
- Polypac



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U-Seals

U-seals are designed to prevent leakage and maintain lubrication in various industrial applications, especially in reciprocating systems. Essential for hydraulic and pneumatic systems, these seals can be used in both rods and pistons. They are available in diverse sizes and materials to meet different machinery requirements.

Materials: -

- PU (Polyurethane)
- Canvas
- VITON
- NBR



Wiper Seals

Essential component for hydraulic and pneumatic systems, effectively preventing contaminants such as dirt, dust, and moisture from entering cylinders, ensuring optimal performance and longevity.

Materials: -

- PU (Polyurethane)
- VITON
- NBR
- Metal Wiper



Chevron Set

A stack of V-shaped rubber rings used for sealing hydraulic systems, preventing fluid leaks in machinery and industrial equipment. Typically employed in open housing high-pressure cylinders, it offers robust sealing performance compared to TPM.

Materials: -

- Canvas
- PU (Polyurethane)



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Rod Step Seals

Rod step seals are specialized sealing components used in hydraulic and pneumatic systems to prevent fluid leakage along the piston rod. They feature a stepped design that ensures a tight seal between the rod and the cylinder bore, even when the rod undergoes axial movement.

Material: -

- BFT - Bronze filled PTFE



O-Rings and O-Ring box

Essential sealing components for various industrial applications, available in diverse materials and sizes to meet specific sealing needs. An O-ring box typically includes standard-sized rings (in mm or inches) commonly used in JCBs, Pokland machines, and similar equipment. These boxes provide convenient access to essential seals for maintenance and repairs.

Materials: -

- Silicone
- VITON
- NBR



Trolley Jack Seal Kit

A Trolley Jack Seal Kit is a collection of seals and related components used to repair and maintain a trolley jack. The kit typically includes O-rings and seals essential for restoring the jack's hydraulic system to optimal performance, ensuring it operates smoothly without leaks.

Materials: -

- PU (Polyurethane)
- Rubber
- Canvas



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Mechanical Seals

A mechanical seal is a device used to prevent leakage of fluids between rotating and stationary components, typically in pumps, compressors, and other equipment.

It consists of a rotating element attached to the shaft and a stationary element attached to the housing. These components are pressed together by a spring, creating a tight seal. They are commonly used in various industrial applications, including chemical processing, water treatment, and oil and gas production.



Cassette Seals

Cassette seals, also known as hub seals are advanced sealing solutions commonly used in heavy-duty applications, mainly in automotives. They consist of multiple integrated sealing elements contained within a metal or elastomeric case, providing superior protection and durability compared to conventional seals.

These seals are widely used in wheel-end applications such as the front and rear axles of tractors, construction equipment and trucks.

Brand: -

- NOK

Concrete Mixer Seals

Concrete mixer seals are specialized sealing solutions designed for use in concrete mixing equipment. These seals are crucial for preventing the leakage of concrete slurry, water, and other materials during the mixing process, ensuring the integrity and efficiency of the mixer. These seals are essential components in both portable and stationary mixers.

Brand: -

- Sauer Danfoss Daikin
- CFW



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Dowty Seals

Dowty seals, also known as bonded seals, are washer-like components designed to secure connections around hydraulic adapters. These seals are typically composed of a combination of metal and synthetic rubber or other elastomers.

Usually rounded in shape, these seals are utilized in high-pressure applications within hydraulic systems. These seals can withstand pressures up to 2000 PSI.



Guide Belts

Guide belts, also known as guide rings, are essential components in hydraulic and pneumatic cylinders. These belts are positioned around the piston or rod to provide a smooth, low-friction surface that guides the movement of these parts within the cylinder bore. By maintaining proper alignment and preventing metal-to-metal contact, they minimize the risk of scratches or damage to the barrel and rod of the cylinder.

Materials: -

- Bronze-filled PTFE
- Nylon
- PTFE
- Bakelite



Circlips

Circlips are retaining rings used in mechanical assemblies to secure components onto shafts or within bores. They come in various sizes to accommodate different applications.

Types: -

- External Circlips
- Internal Circlips
- E-Type Circlips



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Hydraulic Cylinders

Hydraulic cylinders are mechanical devices that convert hydraulic oil pressure into linear motion to power various industrial applications. Available in various sizes and configurations, these cylinders are essential for achieving reliable and efficient motion control in hydraulic systems. Our experienced team handles all types of hydraulic cylinder repairs, ensuring your equipment is back up and running quickly.

We are dedicated to providing exceptional service and support, helping you find the right solutions for your hydraulic needs.



Hydraulic Power Packs

A hydraulic powerpack is a compact unit that generates hydraulic power, typically by using an electric motor. It's commonly used to provide energy to hydraulic machinery and systems, enabling them to perform tasks such as lifting, pushing, pulling, and bending with precision and force.

We specialize in the sale and repair of hydraulic powerpacks and components, including gearboxes, valves, and more.

Hydraulic Motors

Hydromotors are devices that convert hydraulic fluid pressure and flow into mechanical torque and rotation. They are used to drive various types of machinery and equipment, providing rotary power in applications where hydraulic power is used.

Brands: -

- VARAK
- EATON
- PARKER



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Hydraulic Pumps

Hydraulic pumps are devices that transfer mechanical energy into hydraulic energy, powering various hydraulic systems. Specializing in Gear pumps, Piston pumps and Vane pumps, we offer top-quality products and reliable repair services for hydraulic pumps.

Brands: -

- Yuken
- EATON
- Polyhydon
- Rexroth
- Dowty
- VARAK
- VELJAN



Hydraulic Valves

Hydraulic valves are essential components in hydraulic systems, regulating the flow and pressure of hydraulic fluid to control the movement and direction of actuators. These valves are crucial for precise operation in industries such as manufacturing, construction, and agriculture. We offer top-quality products and reliable repair services for hydraulic valves.

Brands: -

- Yuken
- Rexroth
- Polyhydon
- VARAK



Other Hydraulic fittings and accessories

Hydraulic fittings and accessories are used to connect and manage the flow of clean hydraulic fluid within a system, ensuring leak-free connections and facilitating oil level and pressure checks. These include oil filters, adapters, pressure gauges, oil level gauges, breathers, hosepipes, gear coupling and more.

Brands: -

- Hydroline (Returnline, Suction)
- Airtech
- JK Pioneer



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Pneumatic Cylinders

Pneumatic cylinders are mechanical devices that convert compressed air into linear motion to power various industrial applications. Available in various sizes and configurations, pneumatic cylinders are essential for achieving reliable and efficient motion control in pneumatic systems. We specialize in trading and repairing pneumatic cylinders to restore your equipment to optimal working condition, minimizing downtime and maximizing efficiency.

Brands: -

- SPAC



Pneumatic PU pipes

Pneumatic PU pipes are used to supply compressed air in pneumatic systems, enabling the operation of various pneumatic devices and machinery. Made from Polyurethane (PU), they ensure efficient and leak-free air flow. These pipes are available in various sizes.

Brand: -

- SPAC



Pneumatic Control Valves

Pneumatic control valves are devices used to regulate the flow, pressure, and direction of compressed air in pneumatic systems. These valves are essential in various industrial applications such as automation, manufacturing, and process control, providing reliable and responsive air management. Our range includes single and double solenoid valves and all types of manually controlled valves.

Brand: -

- SPAC



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Pneumatic Cylinder specially for Ginning plants

Pneumatic cylinders are widely used in the ginning and pressing industry due to their efficiency, reliability, and ease of maintenance. They have various functions and applications in ginning and pressing industries like cotton handling and transportation, conveying systems, linter machines etc. Their advantages in terms of precision, durability, and ease of maintenance make them a preferred choice for many applications in this sector.

Brand

- SPAC



Pneumatic Connectors

Pneumatic connectors and fittings are essential for connecting and securing parts of a pneumatic system, ensuring leak-free compressed air transmission. These include quick-connect fittings for easy assembly and disassembly of air lines, ensuring reliable operation of pneumatic tools and equipment.

Brands: -

- SPAC

FRL Units

Filter, Regulator, and Lubricator (FRL) units, are essential components in pneumatic systems. They ensure clean, regulated, and lubricated air supply to pneumatic tools and equipment. The filter removes contaminants, the regulator controls air pressure, and the lubricator adds a fine mist of oil to the airflow, enhancing the performance and longevity of other devices. They are generally mounted near the entry point of compressed air lines in pneumatic systems.

Brands: -

- SPAC



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