R.B. Packings & Seals

Solutions for all sealing applications

AGRICULTURE



www.sealsonline.com



1. Hydraulics in agriculture

Hydraulic components are used worldwide in commercial agriculture. These components are required to operate at maximum efficiency in order to maximize productivity, and in order to do so, are in constant evolution, either with higher systems pressure or temperature. We offer a wide range of products which will help you to meet and exceed these new operating parameters, either for original equipment or for the repair and maintenance of existing machinery.



Main applications

Augers
Bins
Combine and Headers
Dryers
Irrigation Systems
Loaders
Planters and Seeders
Tillage
Tractors









Static Seals



Piston Seals



Rod Seals



Rod Wipers



Vee Packings



Guiding Elements



Piston Cups



O'Ring kits and accessories



2. Rotary Applications

The various types of equipment found in agricultural equipment all have to face nature's harshest conditions: dust, water, mud baths, ingression of abrasive materials, while being exposed to ultra-violet rays and aggressive fluid media. We offer a complete line of rotary sealing elements for drive axles, power take-offs, pumps, motors and oscillating and rotary pivots, in the form of lip seals and compression packings in a wide variety of styles and materials.



Rotative applications

Combine harversters

Crushers

Cultivators

Forage haversters

Mower-conditioners

Ploughs

Presses

Rakes

Seeders

Spravers

Telescopic loaders

Tillers

Tractors

Wrappers

And other agricultural equipment









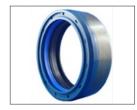
Braided Packing



Shaft Seals



Mechanical Face Seals



Combi Seals



Pin Wipers



Axial Seals



V-Rings



Swivel Seals



3. Bushings

The mechanical strain of side-loading, pressure spikes and impacts inflicted on agricultural mechanical components require plain bearings of the best quality in order to provide support, guiding and corrosion resistance. Shaft bearings require a superior design along with state-of-the-art materials for each one of your specific applications. From engineered plastics to the most sophisticated metallic alloy, we have products which will insure the reliability of your equipment, either on standard, off-the-shelf parts as well as custom-made styles and dimensions.







Main applications

Auger heads

Boom pivots

Bush cutters

Chaff discharge

Disc harrows

Dics tillage

Doors and chutes

Front loader

Grainhead and cornhead real systems

Harversting head

Hinges

Hydraulic cylinders

Linkage and pivot points

Pedals

Ploughs

Seeders

Steering and suspension assemblies

Strip tillage



Self-Lubricated



Plastic



Hard Metals



Plugged Bronze



Phenolic/ Polyester



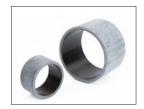
Sintered Bronze



Bronze Plain Bearing



Custom Machined Size



Woven Fiber



Hardened Steel Pins



4. Static Sealing

A static seal is a device used to stop the migration of a fluid (gas, liquid or solid) between two surfaces. Various products are offered in the form of gasket sheets, braids, tapes, elastomeric molded shapes, sealants, custom die-cut parts and much more. From the most basic of materials up to the latest high-performance exotics, we can supply the right part for your flange and cover sealing solutions as well as any other specific requirement.



Main applications

Cabin dust seals
Cam-Lock gaskets
Engine and transmission covers
Fuel tanks
Grommets
Hose assemblies
Hydraulic cylinders and valves
Irrigation systems
Sanitary piping gaskets

Threaded parts









O'Rings



Cut Gaskets



Joint Sealant



Anaerobic Sealant



Cam-Lock Gaskets



5. Accessories

In order to facilitate the assembly and installation of your seals, an assortment of complementary products are made available to you. Items such as retaining rings, sealants, adhesives, lubricants, installation and extraction tools, as well as spot-repair kits are offered, for shop as well as field repairs.



Main applications:

Component assembly
Emergency repair kits
Lubricants for ease of installation
Service truck parts
Threaded parts and guides
Work bench tools









O'Ring Kits



Lubricants



Mechanical Fixturing



Sealants and Adhesives



Installation/ Extraction tools



PTFE Tapes



6. Comfort

When eight hours isn't enough, operator comfort is essential. By providing innovative sealing components, we can assist with reducing equipment vibration, ensuring a smoother, less fatiguing ride. Our diaphragm and piston accumulators provide excellent energy storage with unique materials to prevent permeation, cover wide temperature ranges, and provide outstanding life.



Main applications:

Adaptive suspensions
Combine floating headers
Ride improvement
Seeder depth control
Three-point hitch
Tractor drive
Tractor steering









Diaphragm & Piston accumulators



Linear compensator



Hydro mounts / Hydro bushings



Central tire inflation



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