



**Sealing  
Solutions**  
Pty Ltd

**QUALITY • RELIABILITY • SERVICE YOU CAN TRUST**



**Eliminate Costly Material Loss  
Built For Extreme Conditions  
Designed To Accommodate Repair Kits**

**Temperature – up to 220°C or 425°F    Speed – up to 1.5 m/sec or 300 ft/min**  
**Pressure – up to 415 kPa or 60 PSI    Misalignment Run Out – 6mm radial**

[www.sealingsolutions.com.au](http://www.sealingsolutions.com.au)

# SOLID SOLUTIONS IN SEALING TECHNOLOGY



## SERVICING A WIDE RANGE OF INDUSTRIES

CinchSeal® is unique in that it is a basic design with few components, fits a range of operating conditions, can handle dry powders, pastes and slurries, is repairable and can compensate for worn equipment.

It doesn't wear shafts and is not labour intensive like gland packing and lip seals but doesn't have the expense or the auxiliary equipment requirement of a mechanical seal.

Therefore it fits in between gland packing and mechanical seals and provides some of the most desirable benefits of both - dry running, large shaft run out, maintenance free, relatively low cost, no equipment or shaft damage.

The CinchSeal® is a good alternative to the existing commonly used sealing methods used on rotating equipment such as Screw Conveyors, Bucket Elevators, In-Line Augers, Ribbon Blenders and Mixers to name a few.



## INDUSTRIES

FOOD & BEVERAGE  
CEMENT / GYPSUM  
INDUSTRIAL / BULK  
PULP / PAPER

FEED & GRAIN  
CHEMICAL  
MATERIAL HANDLING  
PHARMACEUTICAL

## TYPES OF EQUIPMENT

SCREW CONVEYORS  
ROTARY AIR LOCKS  
BUCKET ELEVATORS  
SLURRY HOLDING TANKS  
IN-LINE AUGERS

BLENDERS OF ALL TYPES  
DRYERS & EXTRUDERS  
DRAG CHAIN CONVEYORS  
AGITATORS

## We serve various process and OEM industries such as:

- AGRICULTURAL CHEMICALS
- BAKERY
- COSMETIC
- DAIRY
- GRAIN & MILLING

- INDUSTRIAL CHEMICALS
- MEAT PACKING
- MINING & CONSTRUCTION
- PACKAGING
- PAINT & PIGMENT

- PETROLEUM & REFINING
- PHARMACEUTICAL
- PLASTIC
- PRESERVED FRUITS
- PRESERVED VEGETABLES

- RUBBER
- PULP & PAPER
- SNACK FOODS
- STONE, CLAY, GLASS
- SUGAR & CONFECTIONERY

# CINCHSEALS ARE A TRULY UNIQUE SEALING SOLUTION



**Designed for equipment that seal  
powders, slurries and bulk materials  
on processing equipment.**

## **CINCHSEAL®**

CinchSeal® is a major manufacturer of rotary shaft seals for screw conveyors, ribbon blenders, and all types of bulk handling equipment.

## **WHAT ARE CINCHSEALS**

CinchSeals are air or nitrogen purged seals for use on all types of rotating equipment.

They provide a unique solution sealing vapours, gases, resins, liquids, powders, pastes and slurries where conventional seals cannot be used and can be found in a broad range of industries where there has been no reasonable alternative to the traditional sealing methods of the past.

The product is simple, easy to install, doesn't require onerous tolerances for operation, will not wear shafts and has very few wearing parts.

This robust sealing solution has applications in most industries from food and beverage to mining, to chemical.

## **BENEFITS OF CINCHSEALS**

- NO DAMAGE OR WEAR TO EQUIPMENT SHAFT
- LIMITED AUXILIARY EQUIPMENT REQUIREMENTS
- RUGGED CONSTRUCTION
- REDUCED ONGOING MAINTENANCE



## **CinchSeal rotary shaft seals:**

Reduce costs,  
provide unprecedented durability  
and improve environmental safety

[www.sealingsolutions.com.au](http://www.sealingsolutions.com.au)

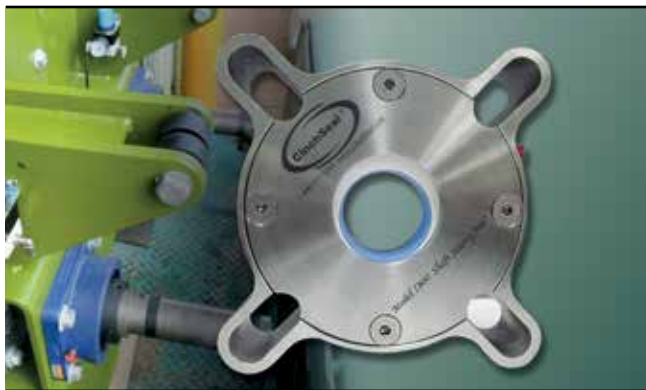
# CINCHSEALS ARE AVAILABLE IN A RANGE OF MATERIALS & CONSTRUCTION TYPES



## 7500 Series Aluminium Seal

The 7500 Series CinchSeal® is designed for zero maintenance due to the unique self adjusting design. The 7500 Series consumes 30% less power than packing seals and will not undercut shafts. Fully assembled and possessing a rugged modular design, the 7500 Series will not leak to foul bearings or contaminate processing areas. These are ideal for screw conveyors, bucket elevators and similar bulk solid applications.

Designed for C.E.M.A screw conveyors. Can be supplied with split repair kits.



## 7800 Series 316 Stainless Seal

The 7800 Series CinchSeal® is designed using 316 Stainless steel to handle dry and slurry products in the food service, pharmaceutical and chemical industries.

These are ideal for screw conveyors, bucket elevators and similar bulk solid applications.

Designed for C.E.M.A screw conveyors. Can be supplied with split repair kits.



## 9100 Series Stainless Sanitary Seal

The 9100 Series CinchSeal® is designed so that it requires no removal of bearings or drive units due to entirely split design.

It is USDA accepted for the meat and poultry industry and constructed out of stainless. These are ideal for meat blenders, mincers and cookers used in the meat and poultry industry.

Ideal for ribbon blenders and paddle mixers used in processing of dry powder, semi-solid and slurry applications.

**OUR GOAL is to provide customers with answers**

to leakage problems that eliminate valuable product loss, improve housekeeping and save customers' money.

### The 9700 Series Split Stainless

The 9700 Series CinchSeal® is designed so that it requires no removal of bearings or drive units due to entirely split design.

These are ideal for food and cheese processing, spices and flavourings, pharmaceutical and chemicals that require stainless steel due to caustic wash downs and sanitary requirements.



### OFCT Split Aluminium Seal

The OFCT fully split CinchSeal® is designed for mixers that process dry or slurry mixes where frequent product changes and wash downs are required.

These are ideal for ribbon blenders, paddle mixers, holding tanks, tempering units and conches.



### Rotary Air Lock Seal

The Rotary Air Lock CinchSeal® is designed to replace rope packing on Rotary Air Locks.

These are ideal for a variety of applications such as salt, sugar, flour and a wide variety of powders.



### Cartridge Seal

Custom made for specific applications. CinchSeal® Cartridge Seals are designed to replace lip seals on screw conveyor drive adaptor plates such as Dodge and Falk.

The seals are air-purged by drilling and tapping the CEMA adapter housing for standard pipe thread.



These cartridge seals also replace packing on rotary air locks.

## TECHNICAL DATA and support

We have a large library of installation guides to assist in applying our products as well as brochures containing overviews of these products.

# WE FOCUS ON ALL TYPES OF SEALING PRODUCTS

## ABOUT US

Sealing Solutions is a privately owned and operated Australian company established in 1995 that specialises in the supply and refurbishment of mechanical seals and other sealing products.

The business has flourished over 20 plus years and was founded by, and is still owned and managed by, Tony Eldridge and Luke Carlon.

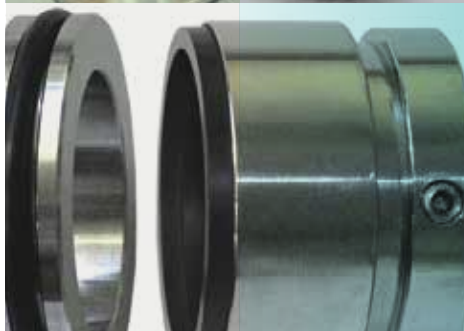
## UNPARALLELED KNOWLEDGE OF THE INDUSTRY

Staff at Sealing Solutions have over a century of experience, which is unique in our industry.

Every staff member is an important part of the company process, with an emphasis on service from reception right through to after sales service. Our experience across our sales, technical and operational team members is what we believe provides a sound base for continued growth and stability.



**Sealing Solutions**  
Pty Ltd



## AUSTRALASIAN DISTRIBUTOR FOR WORLD LEADING SEAL MANUFACTURERS

Sealing Solutions offers a complete range of mechanical seals, gasketing, packings and air purged shaft seals.

We are the Australasian distributor for Vulcan Engineering and CinchSeal®.

Vulcan is the world's leading single spring seal manufacturer, who also manufactures an unparalleled range of food, beverage and dairy seals.

## OUR PRODUCT RANGE INCLUDES:

Elastomer bellows, single, multi and wave spring and metal bellows seals in component and cartridge configurations.

- OEM specific component seals and cartridges.
- Split seals.
- Single and Dual liquid and dry gas seals.
- Single and dual slurry seals in single spring, multi spring and cone spring designs.
- Seal support systems.
- Water flow management products.
- Gland packing and gaskets.

## QUALITY • RELIABILITY



## SERVICE YOU CAN TRUST

**Sealing Solutions Pty. Ltd.**

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