

## A company of reference in the industry

For more than 40 years LIDERING has specialised in providing advanced industrial sealing solutions.

Our experience in sectors as important as power generation and in the pharmaceutical, food, paper, chemical and petrochemical industries and the endorsement of our clients have allowed us to become a reference in Spain in the design, manufacture and repair of mechanical seals.

Our products and services reach a large part of the national and international market directly or through distribution channels...



Can be found in machinery as diverse as pumping equipment, stirrers, reactors, compressors, calender and propulsion devices in the naval industry



Our production plant in Reus (Tarragona) has the capacity to manufacture of mechanical seal, including standard market solutions and customised products for our clients.

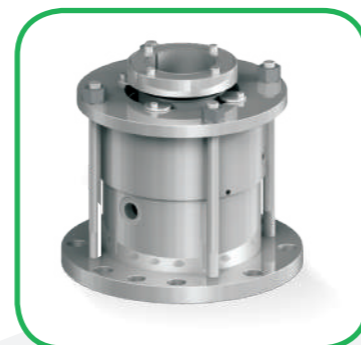
### Component mechanical seals



- Food industry
- Industrial cold-storage facilities
- Water treatment
- Chemical industry

### Cartridge mechanical seals

- Packing replacement in centrifugal pumps
- Screw pumps in the food industry
- Double cartridge seals for critical uses in the chemical industry
- Mills for paints and other chemical products

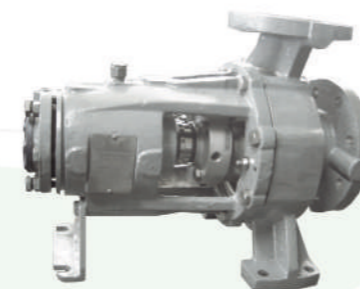


### Cartridge seals for agitators and reactors

- In the chemical and pharmaceutical industries
- Horizontal and vertical
- Guided by bearings, to reduce shaft stress
- Special designs for absorbing axial movements

### Shafts, sleeves, bushing and other pump and stirrer components

- Replacement of damaged elements
- Recovery of shafts and housings
- Improvement in the efficiency of shafts and sleeves by means of coatings and filler metals



## Manufacturing



## Repairs



Thanks to the capacity of our facilities and our technical staff, we can provide the following services:

### Repair and improvement of mechanical seals



### Modification of equipment components and housings



### Sealing tests



### Assembly and dismantling of client equipment on our premises

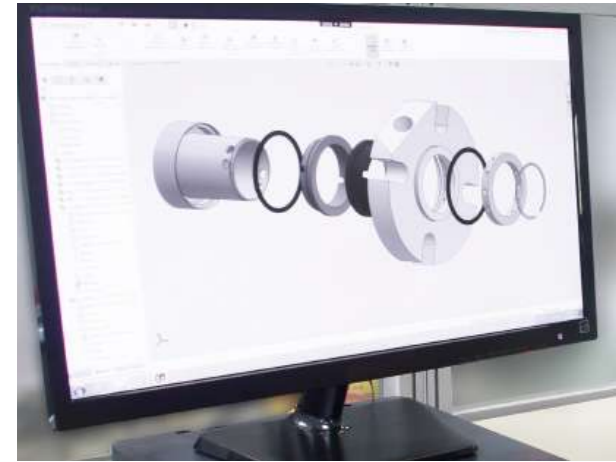


## Design of Solutions

Our Engineering Department is able to provide solutions for sealing problems in pumping and stirring equipment, no matter how complex the application is. We offer you:



### 3D software solution design



### Advice and assistance in installing extremely complex mechanical seals



### Customised sealing solutions



Machining operations on different steels (carbon, stainless), special alloys (chromium-nickel), other metals such as brass and bronze, plastics (PTFE, polypropylene) and carbon (impregnated with resin or antimony).



Welding operations and filler metals for sleeves and other metal parts.

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SAFE INDUSTRY

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## Services and customized solutions

