



HPR

Packing Case Repair

Benefit from leak-proof packing


HOERBIGER

Packing Case Repair makes it possible

HOERBIGER offers packing reconditioning and parts in multiple ways. Together we choose the solution that best suits your company's needs.

Depending on your needs, HOERBIGER's Packing Case Repair can cover:

- Reconditioning contract
- Parts availability
- Stocking strategy
- Lifetime warranty
- Upgrade strategies to turn one time capital expenses into operating costs
- Focus on full sealing solution by service and upgrade of piston rod and piston



This is why Packing Case Repair is vital for your compressor's lifespan

- Corrosion, deterioration and surface damage on the packing case cups decreases sealing performance – increasing leakage and causing fugitive emissions.
- Deposits and dirt in cooling passages hinder heat dissipation and reduce the lifetime of the pressure packing.
- Poor condition of O-rings grooves lead to leakage of gas to cooling water compromising the compressor safety, employees and environment.
- A damaged piston rod surface will worsen the packing sealing performance.

HOERBIGER's Packing Case Repair solves your issues

- Witness testing, including extended leak tests.
- Full service, from the replacement of internals to tailored manufacturing of damaged packing cups.
- Reconditioning of pressure packings, intermediate packings, oil wiper packings and internals for leakage reduction and less emissions.
- Piston rod and piston repair as well as upgrade for longer lifetime and a sustainable production.
- Inspection report and advanced engineering services.
- Reconditioned packing cases supplied "as-new" and fully compliant with process needs and more efficiency.

Recent reliability studies have shown that packing cases are one of the most critical components in a reciprocating compressor. They seal the compression chamber and crankcase to prevent emissions of compressed gas, as well as gas leaks into the frame lube oil circuit.

To ensure long-term compressor reliability and to safeguard employees as well as the environment, proper servicing of the packing cases, piston and internals is essential. When replacing the internals, packing cases and piston rods should be inspected. This saves unplanned downtime as well as energy, avoids fugitive emissions and leads to a sustainable production.

This is how our Packing Case Repair works

- Thorough packing measurement
- In-house machining & replacement of over-repaired or heavily damaged cups
- Leak tests with air/nitrogen/helium
- Rework & cleaning of cooling channels
- Rework of grooves & connection
- Offered in combination with piston rod inspection and repair
- Damage assessment and full inspection report
- Documentation in HOERBIGER database
- Testing and parts engineering for demanding applications
- Corrosion prevention and protective packaging
- Exchange of internals (rings, O-rings, gaskets)
- Thorough cleaning by degreasing and sandblasting



Why HOERBIGER's Packing Case Repair?

- Leakage standards: API 618 and stringent HOERBIGER regulations enforced. Certificate available on request.
- Packing cups and cooling channels leak tested according to API 618.
- One stop shop of pressure, intermediate and wiper packing with piston rod and piston repair.
- Lapping and flatness check ("light band test") of all reconditioned cups.
- Advanced machining capabilities (grooves, channels, threads, etc.).
- One-year warranty for all reconditioned packing cases (wear parts excluded). Optional: 2 years warranty.
- Standardized HOERBIGER workshops certified to ISO 9001.



Learn more by visiting
www.hoerbiger.com/hpr
today!



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Locally close to the customers – globally successful: HOERBIGER is active worldwide in 43 countries on all continents. 5,948 employees at 127 locations – including 25 production plants – deliver reliable solutions for better performance, increased safety, and fewer emissions. In 2022, they generated sales of 1.267 billion euros. For renowned customers from the energy sector, the process industry, the automotive industry, the mechanical engineering industry, safety technology, and the electronics industry, performance-determining products and services from HOERBIGER make the difference. With innovations for decarbonization and energy transition, HOERBIGER is already enabling change today for a better tomorrow. As majority shareholder, the HOERBIGER Foundation preserves the 128-year-old entrepreneurial heritage and guarantees stability, independence, and a future-oriented strategy.

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