



Crosshead Repair

Maintain optimal load distribution and maximize the long-term reliability of your compressor



Prevent crosshead damage before it impacts reliability

Insufficient rod load reversal, excessive rod forces and inadequate lubrication are among the most common causes of crosshead damage.

These conditions can lead to wear of crosshead shoes, pin bushings and piston rod connections.

Left unaddressed, they may result in increased vibration, reduced performance and unplanned shutdowns.

HOERBIGER's Crosshead Repair service restores the mechanical integrity of critical compressor components. The piston rod connection, crosshead shoes and connecting rod pin bushing are refurbished or replaced as required, restoring critical clearances to like-new condition.

The result is vibration free operation, reduced wear, extended asset lifetime and reliable compressor performance.

Our Crosshead Repair includes:



- Visual pre-inspection & condition assessment
- Disassembly & cleaning
- Detailed inspection
- Advanced testing (NDT)
- Engineering & repair execution
- Crosshead shoe refurbishment
- Pin bushing replacement
- Reassembly & final quality check
- Documentation & reporting

Your benefits at a glance

Increases efficiency

Repair, replacement or performance upgrades help maximize compressor performance beyond OEM standards.

Extends asset lifetime

Engineering-driven repair solutions restore critical capital parts and help maximize the lifetime of your compressor assets.

Improves reliability

Comprehensive inspections and certified testing ensure safe and reliable compressor operation.

Reduces downtime

Fast turnaround times through our global network of service workshops help minimize downtime.

Simplifies maintenance planning

Detailed reporting and full transparency support informed maintenance and investment decisions.

We are your partner for reciprocating compressors



Proven expertise

We take a holistic view.

Comprehensive compressor know-how, supported by engineering specialists, local experts, and training, empowers your team for tomorrow.



Trusted partner

We support you worldwide.

Dedicated branches in over 40 countries provide global expertise and consistent local service, building long-term partnerships throughout your compressor lifecycle.



Advanced solutions

We optimize your compressor.

Innovative technologies, world-leading compressor components, and proven services that maximize reliability and efficiency while reducing emissions.



Fast & reliable support

We deliver when time is critical.

From quick replacement of parts to outstanding field service on demand - our reliable support minimizes costly downtime with the high quality and fast, thorough repairs you expect.

About HOERBIGER

Founded in 1895 after Austrian engineer Hanns Hörbiger invented the steel plate valve, HOERBIGER has become a global, diversified technology company.

Today, HOERBIGER employs more than 7,500 people at 150 locations in 40 countries and generates annual sales of about EUR 1.6 billion.

The Compression, Automotive, Positioning, Rotary, and Safety business areas offer customers performance-defining components, systems, and services. Key markets include the energy sector, automotive, mechanical engineering, and safety technology, as well as growth markets such as semiconductor manufacturing, automation, photonics, and satellite communications.

The HOERBIGER Foundation, based in Zug, Switzerland, is the majority owner of HOERBIGER and stands for stability, independence, and a long-term business focus.



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