

Simplified Sealing Pan Lowering on AICHELIN Ring Hearth Furnaces

Performance optimization by reduction of maintenance times



REBUILDING AND MODERNIZATION
Performance optimization

SIMPLIFIED SEALING PAN LOWERING

- Lowering of sealing pan with threaded rods for maintenance purposes:
 - Time-consuming due to the large number of threaded rods
 - Threaded rods can be anchored and must be isolated, if applicable

THE AICHELIN SOLUTION: RACK AND PINION DRIVES

- **Simple, safe and fast lowering** of sealing pan using **racks and lifting hoists**



YOUR ADVANTAGES

- **Save time:** Sealing pan lowering (excl. disassembly of the drive) takes approx. 20 minutes (compared to: Duration of sealing pan lowering **with threaded** rods is 1 – 2 days and sometimes cutting the threaded rods is necessary).
- **Improved accessibility for maintenance work** below the furnace, since only five lifting hoists are attached to each side of the sealing pan (5 x inside pan; 5 x outside pan).
- **Ample lowering lift** of approx. 500 mm; the pan is easy to clean in the lowered position.

YOUR RELIABLE PARTNER

- Perfect integration into your AICHELIN ring hearth plant with documentation and warranty.
- Competent engineering partner
- Reliable supplier of components
- High level of expertise in plant modernization
- Experienced partner