

# polgrind® tyre grinding for rotary kilns



Grinding work on the tyre and a supporting roller



Our polgrind® service ensures your tyres and supporting rollers are trued up again.

## To true up tyres and supporting rollers

Tyres and supporting rollers for rotary kilns are exposed to extreme forces on an ongoing basis. Over the course of time, geometric faults and damage therefore occur on the surfaces of these components.

This leads to unevenness and damage to the machines. Our mobile polgrind® machining service ensures that the surfaces are returned to a pristine condition. This significantly improves the operational reliability of your rotary kiln.

The centrepiece of our service is the systematic grinding process: kiln tyres, supporting rollers and slide rings are carefully machined using grinding belts with different grit sizes. This allows us to eliminate all unevenness, damage and geometric faults. The result is impressive: the surfaces are returned to a first-class round and cylindrical condition.

To ensure optimum quality, our grinding equipment has high-precision measuring instruments. These measure the diameter and roundness of the tyres and supporting rollers. The condition before and after grinding can therefore be precisely documented and evaluated.

We can also machine the lateral tyre face and the thrust roller.

polgrind® is available to customers worldwide. Universal electrical devices ensure compatibility across the globe.

### Your service advantages

- Effective elimination of defects and surface damage on tyres and supporting rollers
- Documentation of the process by electronic diameter and roundness measuring instruments
- Can be used worldwide
- Significantly increases the service life of tyres and supporting rollers
- Axial movement of the kiln is no longer impeded

