



polycom® high-pressure grinding roll



Extends the life of polycom® high-pressure grinding rolls

Regular inspections and maintenance by our polycom® experts ensure consistent and reliable performance, as well as an extended service life for your polycom® rolls. Our experts record the exact condition of your polycom® rolls and recommend specific optimisation measures.

Our polycom® Expert Service is the ideal programme for the maintenance and servicing of your rolls. The service life, the feed material pull-in capability, the formation of autogenous wear protection and the smooth running of the entire polycom® are all positively influenced by expert maintenance of the roll bodies. The right profile care for the rolls is therefore always our priority when maintenance is carried out. After all, only in this way can high availability and economical continuous operation be ensured.

Our specially-developed equipment for profile care and refurbishment of the rolls – be it for build-up welding or the elimination of concavity – allows high-quality execution of the work. With our further-developed oscillating system for profile care (so-called semiautomatic intermediate profiling), we achieve even higher-quality profile welding than was the case in the past for our compound-cast rolls. This procedure considerably increases the service life of the rolls. See for yourself – feel free to contact us.

Our service is available worldwide. We assist you not only during inspection and maintenance, but also when determining suitable measures for the care of your rolls. Competent training of your staff rounds off our range of services.

polycom® roll wear-protection service:

- On-site support
- Surface care: mechanical re-profiling, semiautomatic intermediate profiling, repair of local damage
- Optimisation of the edge zones by means of grinding; elimination of concavity
- Repair of the wear surface by means of removal and rewelding of the hard weld layer/profiling
- Theoretical and practical training of the plant personnel with regard to wear measurement and profile care
- Documentation and tracking

polycom® roll inspection service:

- Inspection and analysis, wear measurement, and checking of the wear profile of the roll bodies
- Condition report with recommendations for optimisation of the wear protection
- Documentation and tracking

Your service advantages

- Extended service life for your polycom® rolls
- Inspection by thyssenkrupp experts
- Detailed condition recording, with analysis and recommendations
- Early detection of damage
- Avoidance of loss of production
- Optimisation of material throughput