



SURFACE GRINDING MACHINES

With an exceptionally wide range of standard equipment

- Sturdy, die-cast machine components
- High machine weight for maximum rigidity
- Vertical and transverse axes equipped with prestressed linear guidance systems from RexrothStar for outstanding precision
- Scraped and coated slide guides in the longitudinal axis to ensure outstanding damping characteristics and a high-quality grinding surface pattern
- Hydraulic longitudinal motion with return cooling unit to achieve good surfaces
- Electro-mechanical transverse and vertical motion
- Measuring systems from Heidenhain in vertical axis for exact positioning
- Maintenance-free belt filtration system with 500 litre tank capacity and 2-bar pressure pump for effective cooling and cleaning
- Additional upstream magnetic separation for the pre-filtration of the belt filtration system
- Integrated trough cleaning
- Machine lighting
- Table-mounted planing device for a high degree of accuracy and a quality surface finish
- Electric, fixed magnetic clamping plate from SAV with an integrated polarity reversing device and regulation of clamping force
- Partial enclosure of the machine with sliding door and service door mounted on the front side
- Effective splash protection with unobstructed access
- The machine is prepared for connection to an emulsion fog extractor

Control system features:

- Very comfortable and easy to operate Z-control
- Automatic vertical positioning with compensation for the planing value
- Fully-automatic grinding cycle with planing cycles
- Easy operation via touchscreen
- Large, easy to read 10,4" colour display
- Electronic handwheel, effective for vertical and transverse axes

■ THE NEW ZT SERIES FROM ZIERSCH - BUILT TO IMPRESS