

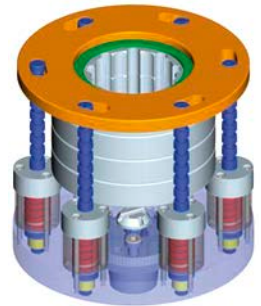


MACRO-SK

CREEP FEED-, PROFILE-, AND HEDG GRINDING



THE SPECIALIST
FOR INNER PROFILE



SIZE MATTERS!

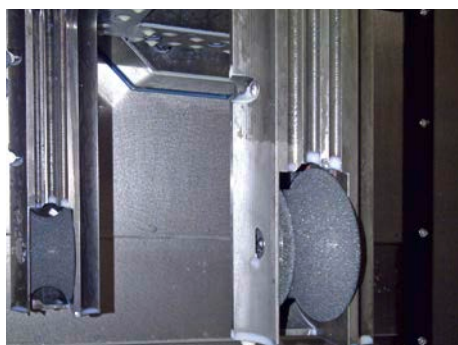
- ✓ Small footprint, machine width only ca. 1.5 m (5 ft)
- ✓ Vertical grinding spindles ensure optimal supply with coolant
- ✓ Separated spindle arms for roughing and finishing
- ✓ Shuttle changer for ergonomic fixture change, parallel to grinding process

SETTING NEW STANDARDS IN EFFICIENCY AND PRECISION



HIGHLIGHTS MACRO-SK

- ✔ Compact design
- ✔ Maintenance friendly
- ✔ Efficient vibration dampening
- ✔ High thermal stability
- ✔ Water cooled spindle
- ✔ Staging station for loading, exact aligning and clamping of parts, space-saving mounted between machine and filter
- ✔ Integrated shuttle changer for ergonomic and fast change of clamping fixtures
- ✔ Highest productivity by loading and unloading parallel to grinding process
- ✔ Various types CNC controls available (standard: Siemens 840 D sl)



Spindle arms roughing and finishing



Staging station



Shuttle changer with clamping fixture

TECHNICAL DATA	MICRON MACRO-SK
Dimensions W × H × D [mm / inch]	approx. 1500 × 2350 × 2500 mm / 59.0551" × 92.5196" × 98.4252"
Weight [kg / lbs]	approx. 8000 kg / 17637 lbs
X-travel [mm / inch]	300 mm* / 11.8110"
Y-travel [mm / inch]	approx. 350 mm* / 13.7795"
Z-travel [mm / inch]	approx. 260 mm* / 10.2362"
SPINDLE TECHNOLOGY [kW]	
Conduct	2 (roughing and finishing)
Spindle motor	water-cooled
Spindle power [kW]	approx. 6.3
Spindle rpm	max. 16000
DRESSING TECHNOLOGY	
Dresser	Table mounted roll dresser
Dressing tools	Diamond profile or form rolls

* Maximum wheel diameter and travel can change due to work piece and fixture size

GET IN TOUCH WITH US TODAY
TOGETHER WE WILL FIND A SOLUTION
FOR YOUR REQUIREMENTS

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