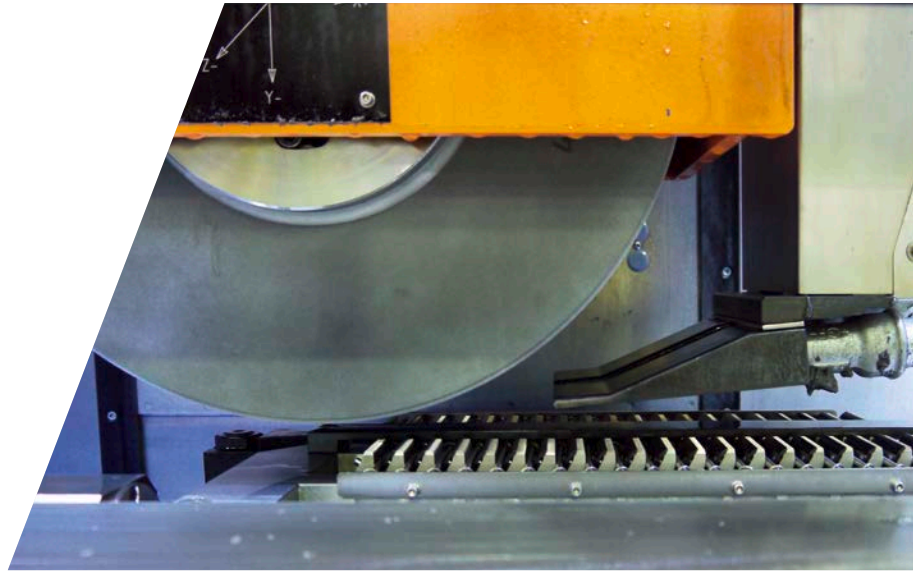


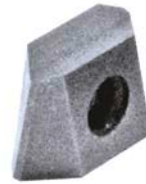


# MACRO-I

CREEP FEED-, PROFILE-, AND HEDG GRINDING



THE HEAVYWEIGHT,  
YOU WON'T EVEN NOTICE



## SIZE MATTERS!

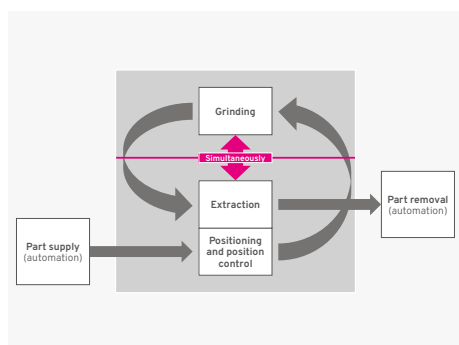
- ✓ Small footprint, machine width only approx. 2.4 m [8 ft]
- ✓ Optimized rigidity for vibration dampening
- ✓ High removal rates
- ✓ Dependable part quality
- ✓ Highest productivity with integrated index table

SETTING NEW STANDARDS IN EFFICIENCY AND PRECISION



## HIGHLIGHTS MACRO-I

- ✔ Compact design
- ✔ Maintenance friendly
- ✔ Efficient vibration dampening
- ✔ High thermal stability
- ✔ Water cooled spindle
- ✔ Spindles in different power classes available
- ✔ Grinding operations in up to five axes
- ✔ Stable temperatures during grinding
- ✔ Various types CNC controls available (standard: Siemens 840 D sl)
- ✔ Integrated wheel management
- ✔ Numerous options available
- ✔ Loading and unloading parallel to grinding
- ✔ Reduced cycle times with overhead dresser



Operating principle MACRO-I



Index table with two clamping fixtures



Overhead dresser

## TECHNICAL DATA

## MICRON MACRO-I

Dimensions W × H × D [mm / inch]	ca. 2357 × 2350 × 2801 mm / 92.7953" × 92.5196" × 110.2756"
Weight [kg / lbs]	approx. 11000 kg / 24251 lbs
X-travel [mm / inch]	900 mm* / 35.4330"
Y-travel [mm / inch]	approx. 350 mm* / 13.7795"
Z-travel [mm / inch]	approx. 300 mm* / 11.8110"
Spindle power [kW]	11-37
Spindle rpm	3200 / 4500 / 16000
Max. wheel diameter [mm / inch]	400 mm* / 15.7480"
Max. wheel width [mm / inch]	150 mm / 5.9055"

\* 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**

**LAPMASTER WOLTERS GMBH**

Phone: +49 4331 458 0

micron@lapmaster-wolters.de

www.lapmaster-wolters.de