

AC microLine® 400

DOUBLE-SIDE BATCH PROCESSING MACHINE



WORK PIECES UP TO
100 MM DIAMETER
50 MM THICKNESS



SMALL BUT POWERFUL

- ✓ Designed for high-precision production of small work pieces
- ✓ Suited for fine grinding, lapping, polishing, and deburring
- ✓ Optimum surface quality, flatness, thickness tolerance and plane parallelism with tightest tolerances on the work piece
- ✓ Special epicyclic workholder drive for filigree work pieces

ADVANCED TECHNOLOGY IN A SMALL PACKAGE

HIGHLIGHTS AC microLine® 400

- ✔ Fast and ergonomic loading and unloading
- ✔ Total accessibility from 3 sides
- ✔ Extremely low space requirements due to swivel mounted switch cabinet
- ✔ Extreme temperature stabilization over the tool surface
- ✔ User friendly, intuitive operation
- ✔ Excellent machining results and precision
- ✔ Low operating costs
- ✔ Individual process development
- ✔ Easy to maintain
- ✔ High-precise non-contact measuring control
- ✔ Powerful drive technology
- ✔ High-precise pneumatic load system
- ✔ High production reliability
- ✔ Stable cast iron base frame
- ✔ Siemens PLC Control and Siemens 12" Touch Panel
- ✔ Remote maintenance solution RangeCare® via mobile communications or VPN



Polishing process with special epicyclic workholder drive for filigree work pieces



Swivel mounted switch cabinet for optimal machine accessibility



AC 400-F gap loading table for comfortable machine operation

TECHNICAL DATA		AC microLine® 400	
VERSION	F, P	L, P, D	
Wheel diameter [mm]	425 / 445 / 475	425 / 445 / 475	
Ring width [mm]	120 / 150	120 / 150	
Max. load pressure [daN]	300 / 500	300 / 500	
Upper / lower drive power [kW]	3 / 4	2 / 3	
Upper / lower drive speed [rpm]	175 / 320	100 / 175	
Center drive power [kW]	1.2	1.2	
Center drive speed [rpm]	100	100	
Working wheel cooling	wheel cooling optional	wheel cooling optional	
Machine dimensions [H × W × D] [mm]	2200 × 800 × 1545	2200 × 800 × 1545	
Machine weight incl. switch cabinet [kg]	1750	1750	
Max. work piece thickness [mm]	50	50	
Max. work piece diameter [mm]	100	100	

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

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