



MACHINES

Cylindrical Lapping & Polishing Machines

FLM 500-R

The FLM 500-R with the 2-wheel principle is especially suited for high-precision machining of small, cylindrical components to nanotechnological tolerances:

- Quick adjustment of wheel geometry by means of central screw
- Even and precise removal of material with oscillating pattern movement
- Cooling of the lapping wheel
- Suitable for both small and large series
- Compact and robust construction
- Quick transformation to a flat lapping or polishing machine.



CLM 500

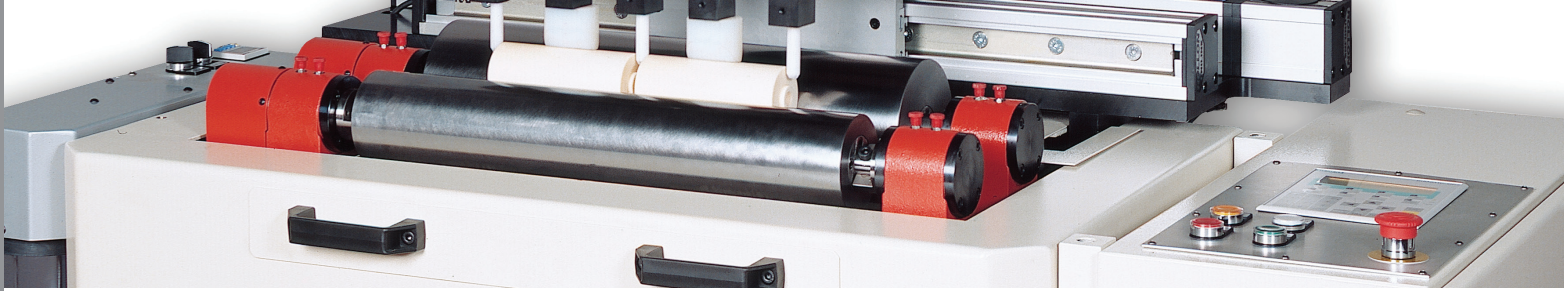
The CLM 500 machines are known for time-saving centerless cylindrical lapping and polishing of longer work pieces between two parallel-running rollers:

- Easy and time saving handling
- Single piece machining and small series to close tolerances
- Correction of straightness
- Precision bearing to guide the lapping rolls
- Quick change of lapping rolls
- Quick adjustment of lapping rolls by means of handwheel



YOUR CHALLENGE IS OUR SPECIALTY
Fine Grinding, Flat Honing, Lapping and Polishing

STÄHLI
FEELING FOR FINISHING



FLM 500-R TECHNICAL DATA

- Working wheel, outer Ø	500 mm
- Eccentricity of carrier	0-20 mm
- Pneumatic lift, 6 bar	0-110 daN
- Timer	Digital
- Variable speed of working wheel	0-75 min-1
- Main drive	2,2 kW
- Voltage	3x 400-480 Volt 50/60 Hz
- Dimension L x W x H	85 x 100 x 200 cm
- Weight	ca. 350 kg
- Colour	Pearl white RAL 1013 Vermilion RAL 2002
- Dimensions of work pieces	Ø 0,7-30 mm 5-200 mm length

Options

Cooling of working wheels

CLM 500 TECHNICAL DATA

- Pair of lapping rolls	1
- Length of lapping rolls	500 mm
- Diameter of work piece	3-150 mm
- Variable speed of working roll	0-75 min-1
- Main drive	1,1 kW
- Voltage	3x 400-480 Volt 50/60 Hz
- Dimension L x W x H	100 x 60 x 110 cm
- Weight	ca. 550 kg
- Colour	Pearl white RAL 1013 Vermilion RAL 2002

Options

Semi-automation

Stahli is a worldwide leader in the manufacturing of precision flat honing, lapping and polishing machines. Our name is synonymous with the highest standards of performance, power, automation, productivity and efficiency for customers in such diverse industries as automotive, electronics, aerospace and ceramics.

The dynamic design of our ultramodern machine line ensures precision and reliability. Stahli: always user-friendly; always environmentally sound.

Consultation and Sales, Machining and Testing Centers



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