

# Cylindrical Lapping and Polishing Machines

Increased quantities – More performance – Series production – High productivity  
User-friendliness – Precision and Safety



# Cylindrical Lapping and Polishing Machines

## **Inspiration.**

*Nature is our model: Inspiration and standard for our endeavours towards innovation and perfection.*



## Technical data FLM 500-R

FLM 500-R	
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 <sup>-1</sup>
Main drive	2,2 kW
Voltage	3x400-480 Volt 50/60 Hz
Dimension L x W x H	85x100x200 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	
Polishing system	

For lapping or polishing of cylindrical work pieces, we offer you a choice of two cylindrical lapping systems:

**1.** The FLM 500-R with the 2-wheel principle. It is especially suitable 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 in a lapping-/polishing machine

CLM 150-2



Technical data CLM 150-2

CLM 150-2	
Pair of lapping rolls	2
Length of lapping rolls	150 mm
Diameter of work piece	3–150 mm
Main drive	0,55 kW
Voltage	3x400-480 Volt 50/60 Hz
Dimension L x W x H	100x60x110 cm
Weight	ca. 480 kg
Colour	Pearl white RAL 1013 Vermilion RAL 2002

CLM 500



Technische Daten CLM 500

CLM 500	
Pair of lapping rolls	1
Length of lapping rolls	500 mm
Diameter of work piece	3–150 mm
Main drive	1,1 kW
Voltage	3x400-480 Volt 50/60 Hz
Dimension L x W x H	100x60x110 cm
Weight	ca. 550 kg
Colour	Pearl white RAL 1013 Vermilion RAL 2002

2. The CLM 150-1500 range of machines for time-saving centerless cylindrical lapping and polishing of longer work pieces between two parallel-running rollers:

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

*We are one of the leading companies worldwide in the manufacture of flat honing, lapping and polishing machines. At our customers we are known just as much by our standard products as by custom-made and need-oriented special products. This*

*special know-how results from decades of experience from daily new assignments in contract work and the support of our expert and committed workforce. We are happy to pass on our know-how to our customers within the framework of contract*

*work, tests and complex or experimental project studies. Put to the test our reliability and innovative dynamism. Further information may be obtained from the addresses listed or from our homepage.*

## Consultation and Sales, Machining and Testing centres

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