

**MACHINES**

# Single-Side Lapping Polishing & Flat Honing

The Stahli FLM series machine is the perfect addition to your production lab for lapping, polishing and single-side flat honing applications. This multipurpose series is a cost-effective way to receive the highest precision possible. You have the flexibility to use either loose abrasive or a fixed abrasive wheel on any platform. Their capabilities are ideal for both large and small manufacturing shops. Key features include: adjustable rotating speeds of the working wheel, stable bearing arrangement for quiet operation, quick adjustment of the working wheel by the center screw, slurry distribution system to maintain cleanliness, flexibility to quickly change over to other processes and integrated cooling chiller unit to keep the machine running at the same temperature constantly. The outcome will be more production completed in a favorable amount of time. Experience absolute precision, superior quality and economic efficiency with Stahli's FLM series machine. This system can be customized specifically to customers' needs. Discover the key features the FLM machine has to offer from our experts today!



**FLM 500-505**

Space-saving dimensions while obtaining throughput productivity. Operational application is mainly concentrated on small to medium series.



**FLM 750-1500**

Perfect to process medium to large parts. Has the capability to run one piece at a time to large capacity batches.

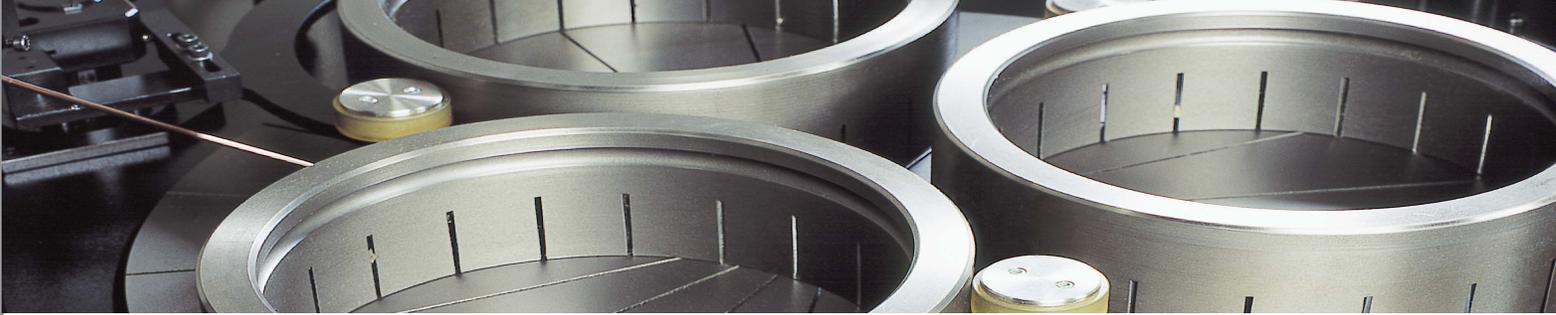


**FLM 1800-3250**

Production machine for parts up to 1500mm in diameter. Programmable force on workpieces between 0-750daN

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





## FLM 500 -1500 Technical Data

	FLM 500	FLM 550	FLM 750	FLM 1000	FLM 1250	FLM 1500
- Lapping Plate, outer	500mm	550 mm	750 mm	1000 mm	1250 mm	1500 mm
- 3 conditioning rings- inner	19mm	220 mm	300mm	400mm	500mm	600mm
- Rotating speed of lapping plate	0-75 min -1	0-75min -1	0 - 75 min-1	0 - 60 min-1	0 - 50 min-1	0 - 40 min-1
- Timer	digital	digital	digital	digital	digital	digital
- Main drive	2,2 kW	2,2 kW	4 kW	7,5 kW	15 kW	22 kW
- Voltage	3x400-480 Volt, 50/60 Hz	3x400-480 Volt, 50/60 Hz	3x400-480 Volt, 50/60 Hz	3x400-480 Volt, 50/60 Hz	3x400-480 Volt, 50/60 Hz	3x400-480 Volt, 50/60 Hz
- Dimentions L x W x H	850x1200x1450 mm	850x1200x1450 mm	1250x1700x2200 mm	1500x2000x2200 mm	1850x2500x2300 mm	2000x2500x2300 mm
- Weight	approx. 480 kg	approx. 480 kg	approx. 2500 kg incl. pneumatic	approx. 3000 kg incl. pneumatic	approx. 4000 kg incl. pneumatic	approx. 6000 kg incl. pneumatic
- Color	All Machines are Pearl white RAL 1013 Vermillion RAL 2002					

## Special Purpose Machinery



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



**Stahli USA**

Lake Geneva, Wisconsin P 847-719-0360 sales@stahliusa.com www.stahliusa.com



**Stahli L äpp-Technik GmbH**

Weil im Schönbuch, Germany P +49 7031 75 7796 LTS@stahli.com www.stahli-lohnfertigung.de



**Stahli L äpp-Technik AG**

Pieterlen, Switzerland P +41 32 376 0500 LTP@stahli.com www.stahli.com



**Stähli Lapping Technology Ltd.**

Winterthur, Switzerland P +41 52 203 50 51 LTW@stahli.com www.stahli.com



**Stahli Lapping Technology (Xiamen) Co., Ltd.**

Xiamen, China P+86 592 651 3551 LTCN@stahli.com www.stahlichina.com