

2-Wheels Flat Honing and Fine Grinding

Precision – Stock Removal – Productivity – User-friendliness – Production reliability



2-Wheels Flat Honing / Fine Grinding



Technical advantages

- Integrated computer-based measuring control
- Flow cooling system of the working wheels
- Design O-shape for highest stability
- Quick loading and unloading thanks to the ingenious "Sandwich-System"
- Part or full automation easily interlinked to precision deburring systems or the like
- Process controlled machining
- High availability
- Incidental analysis by machine control
- Remote maintenance /telediagnostic / online-support
- Short changeover times
- Mineral casting structure for highest thermal and mechanical stability
- Automatable

Technical data

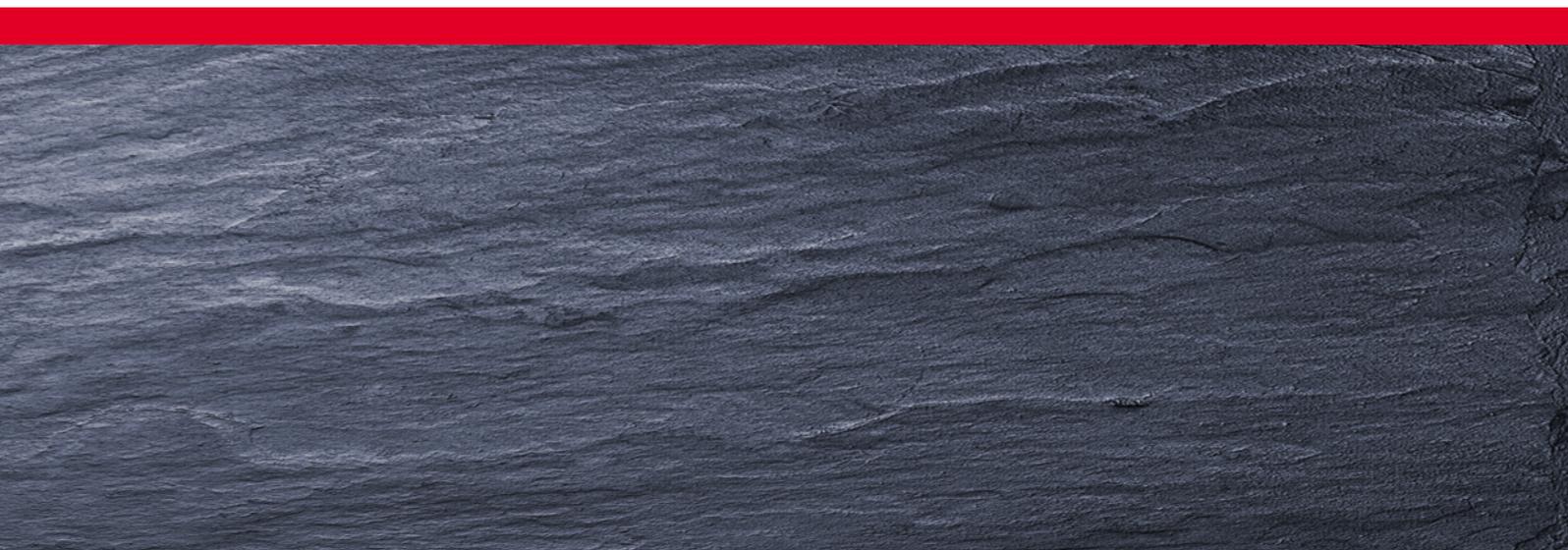
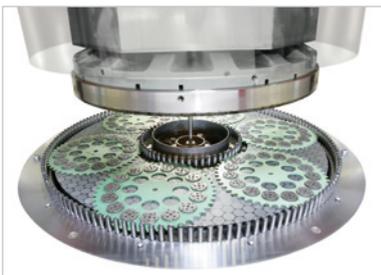
Thickness accuracy of 1 μm for all quantities and best parallel dimension accuracy with high stock removal demands machine stability and performance. The STAHLI machine series is designed for these requirements and convinces with high precision, production reliability, user-friendliness, productivity and efficiency.

Flat Honing with diamond wheels, CBN wheels or alternative fine grinding with conventional SiC or corundum working wheels – decide for the future in superfinishing with a machine from our STAHLI DLM-series. Performance, sturdiness and quiet running for high stock removal stand for high precision and low piece cost.

	DLM 705 - 805	DLM 1005 - 1405
Working wheel diameter, external	650-870 mm	1020-1360 mm
Number of carriers	4-8	
Height range between working wheels	<390 mm	
Working load continuously variable	0-2000 (3000) daN	0-3500 (5000) daN
PC-operating control	programmable control	
Switch off precision	0.1 μm	
Cooling of working wheel	yes	

Speed range, upper and lower wheel, continuously		
Flat honing and fine grinding	0-250, 300, 400, 600 min^{-1}	0-210, 300 min^{-1}
Center drive	0-125, 220 min^{-1}	0-100 min^{-1} , 150 min^{-1}
Direction of rotation for all drives	programmable control	

Power ratings		
Total driving power	3x400-480 Volt, 50/60 Hz	3x400-480 Volt, 50/60 Hz
Dimension W x D x H	approx. 3300 x 1970 x 2600 mm	approx. 4000 x 2700 x 2900 mm
Weight	approx. 8000 kg	approx. 13000 kg

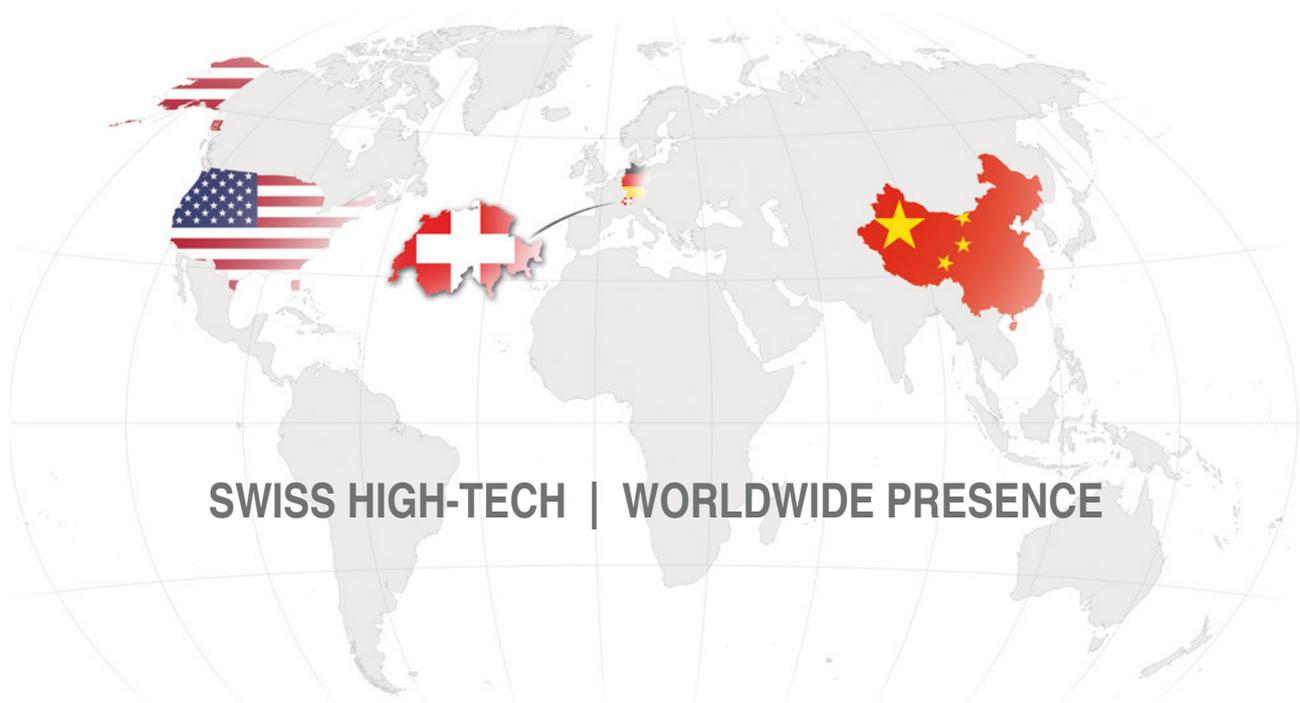


We are one of the leading companies worldwide in the manufacture of flat honing, lapping and polishing machines. At our customers we are known just as much by our standard products as by custom-made and need-oriented special products. This

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.



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