

Stähli DLM 805 Flat Honing Machine

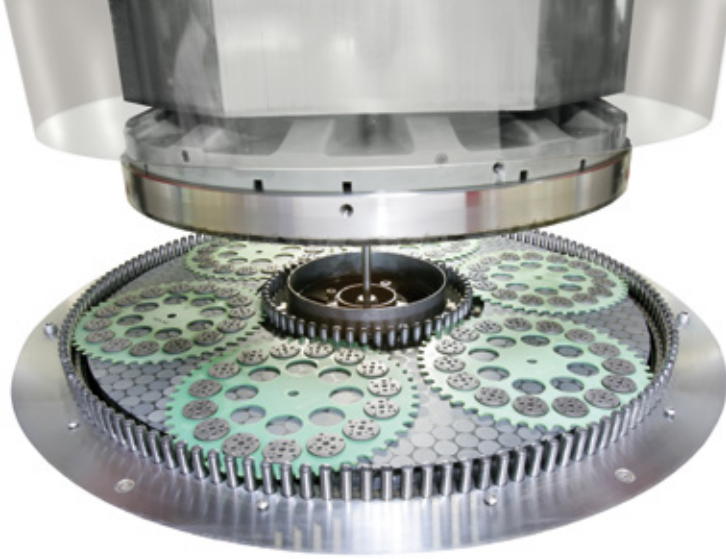
Investment Advantages

- Increased productivity reduces Payback Period while freeing up working capital
- Fixed baseline cost with added increase in productivity



Technological Advantages

- Dual column (wheel support frame) allows for higher working pressures and wheel speeds
- Higher pressures and wheels speeds allows for a larger array of super-abrasive wheel choices
- Flow cooling system of the working wheel
- Quick loading and unloading thanks to the ingenious "Sandwich-system"
- Process controlled machining
- Integrated computer-assisted measurement
- High availability
- High precision in-process size measuring system
- Incidental analysis by machine control
- Remote maintenance / telediagnostic online-support
- Process adapted drives / speeds
- Mineral cast structure guarantees top thermal and mechanical endurance
- Loading and unloading for optimal workflow
- Energy-efficient
- Short changeover time
- Part or full automation easily interlinked to precision deburring systems or the like
- Possibility of process reports



Technical Data

DLM 805		
Working wheel-Ø	820 / 860 mm	
Carrier reference-Ø for 6 pce	285 mm	
Carrier reference-Ø for 8 pce	240 mm	
Switch off precision	0.1 my	
Distance between working wheels	< 390 mm	
Drives	upper spindle	13, 18, 39 kW
	lower spindle	13, 18, 39 kW
	Centre drive	7.5, 11 kW
Speeds	Working wheels, cont. variable	0-250, -400, -600 min ⁻¹
	Centre drive, cont. variable	0-125, -220 min ⁻¹
Direction of rotation, all drives	at choice	
Workload upper spindle	0 – 2000 / 4000 daN	
Pressure preset / ramps	at choice	
Types of workload	hydraulic	
Electrical equipment	3 x 400 / 480 V, N+PE, 50/60 Hz	
Control voltage	24 V DC	
Machine colour standard	RAL 1013 pearl white	
	RAL 2002 vermillion	
Pneumatic connection	min. 6 bar	
Dimensions	approx. 3300 x 1970 x 2600 mm	
Weight	approx. 7800 kg	

machined workpieces



Machine animation

A DLM machine animation available at www.stahli.com

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Budget quote available upon request

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