

FH3-450

Flat Honing Machine

Investment Advantages

- New three plate concept
- Loading and unloading workpieces while machining time
- Quick change of lower plate
- Highest productivity
- Space-saving automatable



Technical Advantages

- Flow cooling system of working wheel
- Process controlled machining
- Integrated computer-assisted measurement
- Mineral cast structure guarantees top thermal and mechanical endurance
- High availability
- High precision in-process size measuring system
- Incidental analysis by machine control
- Remote maintenance / tele diagnostic / online support
- Energy-efficient
- Process adapted drives / speeds
- Short changeover time
- Part or full automation easily interlinked to precision deburring systems or the like
- Possibility of process reports

Technical Data

		FH3-450
Working wheel-Ø	with 5 carriers	450 / 190 mm
	with 6 carriers	450 / 198 mm
Carrier reference-Ø	with 5 pce.	152 mm
	with 6 pce.	148 mm
Switch off precision		0.1 my
Distance between working wheels		< 140 mm
Drives	upper spindle	9, 5 kW
	lower spindle	9, 5 kW
	centre drive	3 kW
Speeds	working wheels, cont. variable	0-420 min ⁻¹
	center drive, cont. variable	0-240 min ⁻¹
Direction of rotation, all drives		at choice
Workload upper spindle		0 – 500 daN
Pressure preset / ramps		at choice
Type 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 vermilion
Pneumatic connection		min. 6 bar
Dimensions		approx. 2560 x 2210 x 2120 mm
Weight		approx. 4500 kg

machined workpieces



03/2016 – Subject to corrections and changes

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