

Main dimensions

Centre height	175 mm
Centre distance	650 mm

Longitudinal slide

Max. distance of traverse	800 mm
Speed vt	0,001-10'000 mm/min
Resolution	0,0001 mm

Weelhead slide

Max. travel	285 mm
Speed vt	0,001 – 5'000 mm/min
Resolution	0,0001 mm

Workhead with roller-bearings

Speed range:	
with revolving center	1-1'500 rpm
with fixed center	max. 1'000 rpm
Fitting taper cone	MT 5
Roundness on live spindle	0,0004 mm
Max. workpiece weight between centres	80 kg
Max. spindle grinding load	70 Nm

Tailstock

Fitting taper cone	MT 3
Barrel-ø	50 mm
Travel of barrel	35 mm
Fine adjustment	+/- 40 micron

B-axis

Hirth-Gearing	1 ° automatic
Swivel range	-15° / + 195°

Turret wheelhead

Power Motor	7,5 kW
Grinding wheel right	
Max. ø x bore x width	500 x 203,2 x 80 mm

I.D. spindle Fischer Type MFM-1224/42/12

Power	17 kW
Max. speed	42'000 rpm
Interface arbors	HJND-21

Divers:

CNC FANUC	21i/-TB
Max. power consumption	20 kVA
Average power consumption	16 kVA
Voltage	3 x 400 VAC +/- 10%
Safety fuse	min. 25A / max. 32 A
Air pressure max.	5.5 – 7,5 bar
Machine weight	4200 kg
Space requirements LxWxH	4,00 x 3,50 x 1,18 Meter
Dimensions LxWxH	2,67 x 2,03 x 1,18 Meter

Accessories:

- 1 Wheel adaptor
- 1 Pick up SENSITRON 2
- 1 Wheel Balancer MPM
- 1 Water cooling unit for I.D. spindle
- 1 hydr. hinged dressing attachment (on table)
- 1 active length Positioning unit Movomatic C25
- 1 Magnetic chuck ø 200 mm
- 1 arbor for I.D. spindle
- 1 Filtering system with paper Streuli SPB