



Vertical Pick-up Lathe

EMAG VL 3

GENERAL

Project No:	905398
Quantity:	1 pc.
Manufacturer:	EMAG
Type:	VL 3
Control:	Fanuc 18i TB
Year of Manufacture:	2001/2022
Condition:	Retrofitted Machine
Shifts approx.:	2-3 shift

DESCRIPTION

TURNING

Max. Swing diameter over bed cover 210 mm
Max. Clamping chuck diameter 170 mm
Max. speed main spindle 7500 1/min
Max. power main spindle at 10-40/100% duty ratio 25/16 kW
Max. torque main spindle at 10-40/100% duty ratio 134/85 Nm
Spindle diameter in front bearing main spindle 80 mm
Spindle flange size main spindle Gr. 5 (DIN 55026)
Axis at main spindle unit X/Z
Travel in X/Y/Z main spindle unit 400/-/200 mm
Max. rapid traverse in X/Y/Z main spindle unit 60/-/30 m/min
Feed force X/Y/Z main spindle unit 5000/-/5000 N



Linear glass scales main spindle unit X/Z
Solid clamping cylinder at main spindle

Lower turret

No. of stations/driven 12/12
Tool reception in turret VDI 40
Speed tool drive 6000 1/min

FURTHER EQUIPMENT

Fully enclosed work area
Light in working area
Oil/emulsion mist extraction unit
Slat band chain chip conveyor
Discharge high chip conveyor 1250 mm
Coolant unit 80 l/min at 7 bar
Loop-type part storage conveyor
Max. workpiece diameter (27 workpieces with 30-85 mm or 18 workpieces with 30-130 mm) mm
Max. workpiece length 100 mm
Automatic central oil lubrication

GENERAL TECHNICAL DATA

Operating voltage 400/50 V/Hz
Total power requirement 28 kVA
Machine dimensions (LxWxH) approx. 2500x1900x2300 mm
Space requirement of the whole equipment (LxWxH) approx. 3600x1900x2300 mm
Machine weight approx. 5500 kg

REMARKS

We offer a professionally retrofitted machine. All crucial components, like guideways with roller carriages, ball screws, main spindle, bearings in turret and tool drive etc. have been replaced. Please also see attached document.

We described the specified product with the upmost attention. As this product is not manufactured by us, the mentioned data and description can deviate. Herewith, we point out that they are non-binding and ask you to check them during your inspection.



