



## 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

Seite 1 von 4

Wolfgang Finken GmbH  
Dornierstr. 20  
71706 Markgröningen  
Deutschland

Tel.: +49 (7145) 93930-0  
Fax: +49 (7145) 93930-29  
postbox@wolfgang-finken.de  
www.wolfgang-finken.de

Amtsgericht Stuttgart: HRB722236  
Ust.-Ident.-Nr.: DE252223928  
Geschäftsführer: Dipl.-Ing. (FH) Wolfgang Finken



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

Seite 2 von 4

Wolfgang Finken GmbH  
Dornierstr. 20  
71706 Markgröningen  
Deutschland

Tel.: +49 (7145) 93930-0  
Fax: +49 (7145) 93930-29  
postbox@wolfgang-finken.de  
www.wolfgang-finken.de

Amtsgericht Stuttgart: HRB722236  
Ust.-Ident.-Nr.: DE252223928  
Geschäftsführer: Dipl.-Ing. (FH) Wolfgang Finken



## 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.



