

Технически характеристики



Universal precision drilling/milling machine with manual gearbox

for optimum power transmission

Facts that impress in terms of quality, performance and price

- ► Heavy, solid cast design
- ► Two-stage industrial quality electric motor
- ▶ Operation-friendly control panel with emergency stop shock switch
- ► Thread tapping function
- ► Height-adjustable, large protective screen
- ▶ Manual spindle sleeve feed with fine feed
- ▶ Smooth action due to polished gearwheels running in an oil sump
- ▶ Drilling depth stop

- ► Large speed range from 95 3 200 rpm thanks to 12 different speeds
- ▶ Right-handed/left-handed rotation
- ► Gear head pivots through ± 60°
- Column with dovetail guide, hand honed
- ► Solid and generously dimensioned cross table with precision surface finish and adjustable cleats
- ► Adjustable cleats



- The motor is activated by moving the spindle sleeve down
- > When the preset depth is reached, the spindle reverses
- The machine thread tapping drill moves back out of the workpiece
- When the spindle sleeve has moved in to the switching point, the spindle rotation is stopped



Fig. MB 4 with optional accessories

Accessories **Steel chassis**

Dimensions L x W x H: 650 x 550 x 750 mm Art. no. 3353014

Vibration dampers machine base SE 1

(4 pcs. needed) Art. no. 3381012



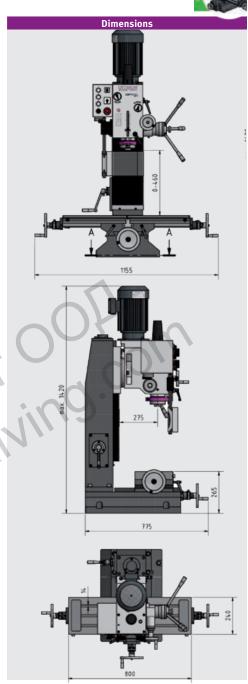


Технически характеристики

Technical specifications, accessories and dimensions

Technical data Electrical connection 400 V / 3 Ph ~ 50 Hz Motor output 1.1 / 1.5 kW Drilling/milling output Drilling performance in steel (\$235JR) \$\text{0.32 mm}\$ Continuous drilling performance in steel (\$235JR) \$\text{0.32 mm}\$ Max. sensor head size \$\text{0.63 mm}\$ Max. shaft milling cutter size \$\text{0.63 mm}\$ Spindle \$\text{Spindle sleeve stroke}\$ Spindle sleeve diameter 75 mm Throat 275 mm Draw-in rod M16 Drilling/milling head Spindle speeds 95 - 3 200 rpm Speeds 95 - 3 200 rpm Speeds 2 x 6 speeds Pivot range \$\text{2 x 6 speeds}\$ Pivot range \$\text{2 x 6 speeds}\$ Pivot range \$\text{4 60}^0\$ Cross table Length x width 800 x 240 mm T-slot size / spacing / count 14 mm / 63 mm / 3 Load bearing capacity 80 kg Clearance spindle to cross table 460 mm Travel X axis 450 mm Y axis 195 mm Z axis 430 mm Dimensions Length x width x height 155 x 775 x 1 420 mm Weight 320 kg	Model	MB 4
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Y axis 195 mm Z axis 430 mm Dimensions Length x width x height 1 155 x 775 x 1 420 mm	Travel	. // /
Z axis 430 mm Dimensions Length x width x height 1 155 x 775 x 1 420 mm	X axis	450 mm
Dimensions Length x width x height 1 155 x 775 x 1 420 mm	Y axis	195 mm
Length x width x height 1 155 x 775 x 1 420 mm	Z axis	430 mm
	Dimensions	
Weight 320 kg	Length x width x height	1 155 x 775 x 1 420 mm
	Weight	320 kg

Accessories	Article no.
Parallel shim set, 20-part	3354001
Horizontal-vertical rotary indexing table RT 100	3356110
Horizontal-vertical rotary indexing table RT 150	3356150
Horizontal-vertical rotary indexing table RTE 165	3356365
Height-adjustable tailstock RST 1	3356155
Assortment of clamping tools size 12, 58-parts	3352017
T-slot nut M12 / 14 mm	3353025
Blank holder 14 mm	3352031
End mill set HSS TiN-coated 12-part	3352250
End mill set HSS TiN-coated 20-part	3352255
Copying and facing blade MT 4	3350214
Vibration dampers SE1 (4 pcs. required)	3381012
Levelling platen SE 55 (4 pcs. required)	3352981
Bore head set MT 4	3352084
Arbor for drill chuck MK4	3350304
Collet chuck MT 4/M16	3352094
Thread tapping chuck M3 - M12	3050705
Thread tapping chuck M8 - M20	3050706
Universal table feed V99	3352022
Assembly kit V99 - X axis	3352035
Universal coolant unit 230 V	3352002
Coolant mist lubricator MMC 1 with magnetic holder	3356663
Coolant hose KMS 2	3356660
Steel chassis (information on page 135)	3353014
> More "Accessories for milling machines" from page 130	



Scope of supply > Adapter MT 4 - MT 3 > Draw-in rod M16 > Operating tool

Machine vices	Article no.
FMS 100	3354100
FMS 125	3354125
FMSN 125	3354120
VMQ 100	3354181
MV3-75	3354175
DAS 100	3355500
ZAS 50	3354170
> Infomation about vices from page 120	