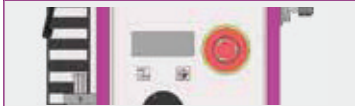


Universal precision drilling/milling machine with manual gearbox and electrical Z axis adjustment. MH 50V with continuously variable speed control. Control unit with dirt- and water-resistant touch keyboard

Facts that impress in terms of quality, performance and price

- ▶ Heavy, sturdy and solid columns made of premium cast material with ground and shaven dovetail guide for excellent stability and precision
- ▶ Right-handed/left-handed rotation
- ▶ Excellent concentricity thanks to tapered roller bearings, better than 0.015 mm measured in the spindle sleeve
- ▶ Gear head inclined through 60°
- ▶ Manual fine feed
- ▶ Drilling depth stop
- ▶ Thread tapping mode
- ▶ Height-adjustable protective screen with microswitch for best possible user protection against chips and parts being flung out
- ▶ Optional, solid, heavy steel substructure ensures stability
- ▶ MH 50G with two-stage industrial quality electric motor

Drilling and thread tapping depth adjustment



Depth selection freely configurable via digital display. In speed mode, the machine automatically switches over from clockwise to anti-clockwise run.

Control panel

- User-friendly touch keyboard
- Easily readable digital display
- Clearly-arranged
- Emergency stop button

Control panel functions

- Drive motor stage selection
- Spindle direction
- Drill thread

Control panel rotary pushbutton

- Adjustment of drilling depth mm / inch and zero point

Manual spindle sleeve feed

- Via spindle sleeve lever (drilling)
- Coupling for switching over from manual rough to manual fine feed

Tapered roller bearing

High levels of concentricity ≤ 0.015 mm measured in the drilling spindle sleeve

Solid column

- Dovetail guide
- Maximum stability
- Greatest possible precision
- Slatted, stainless steel protective cover

Cross table

- Solid and generously dimensioned
- Precise surface finish
- With T-slots
- Adjustable V-ledges
- Adjustable via 3 hand wheels
- Longitudinal scale inset
- Adjustable limit stops

Electrical milling head height adjustment



Energy chain

- cable guidance easy on material

Mechanical quick change clamping system



- Milling head is equipped with a spring collet for the pull stud BT40x45° tooled
- To change, simply release the mechanical lock on the quick-clamping system and push the spindle sleeve lever upwards

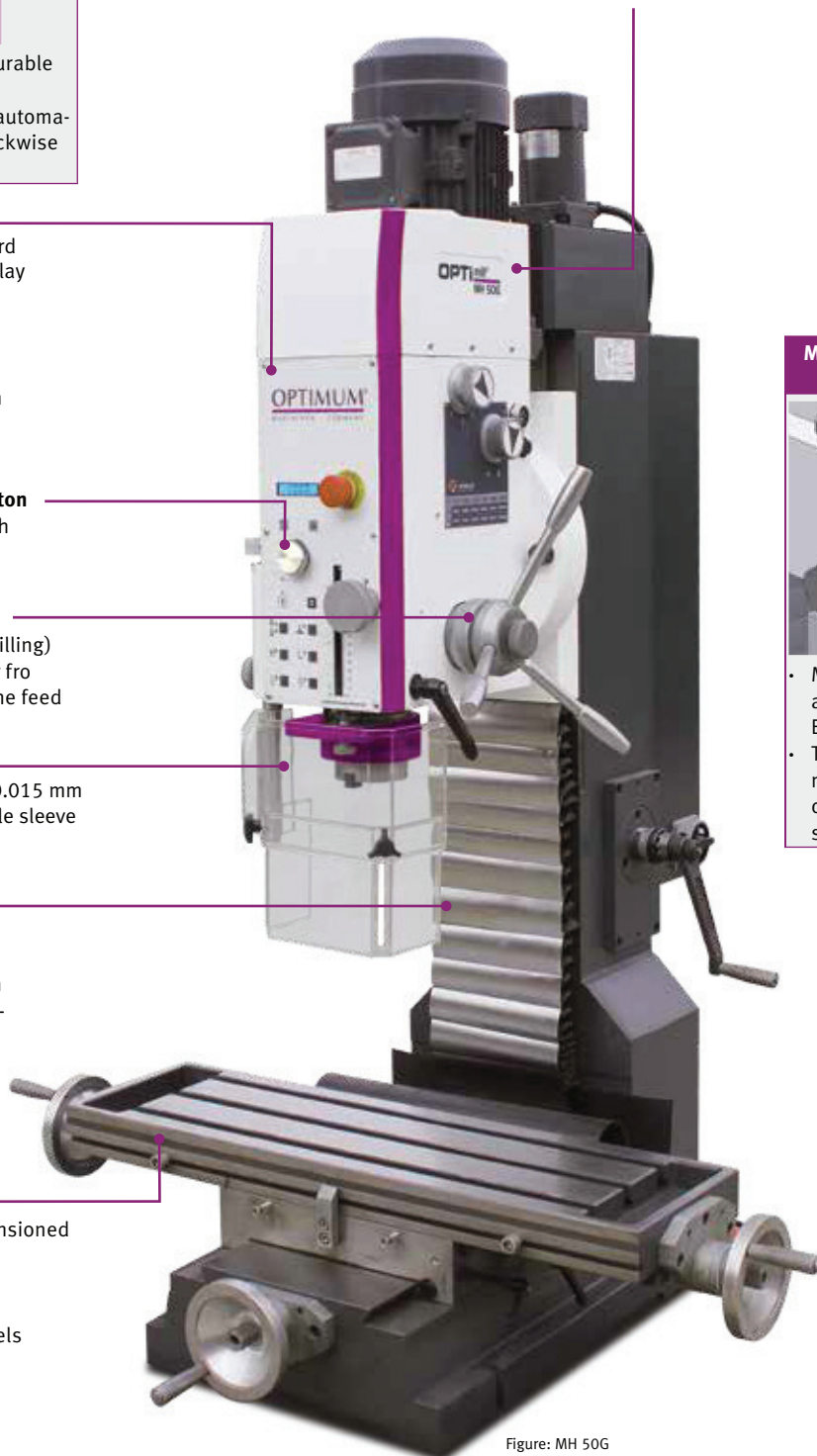
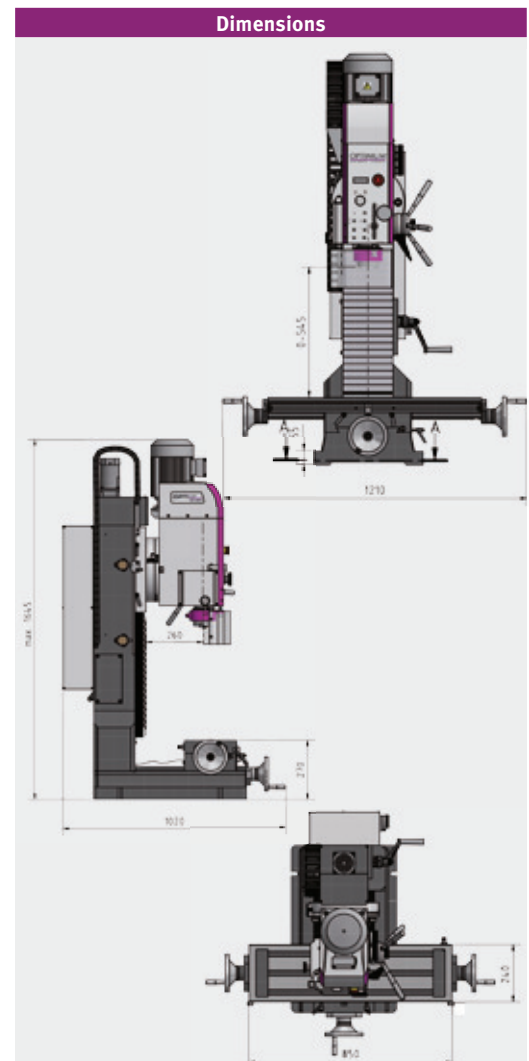


Figure: MH 50G

Technical specifications, accessories and dimensions

Model	MH 50G	MH 50V
Article no.	3338180	3338185
Technical data		
Electrical connection	400 V / 3 Ph ~50 Hz	
Motor output	1,5 / 2,2 kW	2,2 kW
Drilling/milling output		
Drilling performance steel (S235)R)	Ø 38 mm	
Continuous drilling performance steel (S235)R)	Ø 32 mm	
Milling head size (max.)	Ø 80 mm	
Max. shaft milling cutter size	Ø 32 mm	
Spindle seat		
Spindle sleeve stroke	115 mm	
Spindle seat	BT 40	
Spindle sleeve diameter	80 mm	
Throat	260 mm	
Drilling/milling head		
Swivel range	± 30°	
Spindle speeds	225 - 3,260 rpm	50 - 3,260 rpm
Gears	2 x 6 speeds	6-speed, electronic speed control
Cross table		
Clearance spindle to Cross table	max. 545 mm	
Table length x width	850 x 240 mm	
Table max. load	175 kg	
T-slot size/amount/spacing	18 mm / 3 / 80 mm	
Strokes		
X axis	520 mm	
Y axis	260 mm	
Z axis	manual 460 mm / automatic 385 mm	
Dimensions		
Length x width x height max.	1.210 x 1.020 x 1.645 mm	
Overall weight	525 kg	



Scope of Delivery

- Operating tool

Accessories	Article no.
Starter set BT 40	3353284
<ul style="list-style-type: none"> • Quick release chuck • Milling head holder • 18-part spring collet set ER 32 • BT 40 to MT 3 adapter • 3 pc. spring collet holder ER 32 • 15 pcs. pull studs • Spring collet key ER 32 • Taper squeegee • Height-adjuster • Assembly and tool adjustment gauge • 2 pcs. each Weldon 6 / 20 mm • 1 pc. each Weldon 8 / 10 / 12 / 16 mm 	



Accessories	Article no.
Milling head holder 27 mm	3353336
Chuck 1 - 13 mm	3536333
Weldon holder Ø 6 mm	3353340
Weldon holder Ø 8 mm	3353341
Weldon holder Ø 10 mm	3353342
Weldon holder Ø 12 mm	3353343
Weldon holder Ø 16 mm	3353344
Weldon holder Ø 20 mm	3353345
BT 40 to MT 3 adapter	3353335
Spring collet holder ER 32	3353334
Spring collet holder spanner ER 32	3353307
Spring collet set ER 32	3441122
Height-adjuster	3536290
Assembly and tool adjustment gauge	3536194
Taper squeegee	3353331
Pull stud	3353332
Universal table feed V 99	3352022
Assembly kit V99 - X axis	3352036
Steel substructure	3353015

- Dimensions L x W x H: 750 x 750 x 730 mm . Weight: 134 kg

Vibration damping machine base SE1

(4 pcs. required)

› **More „Rotary indexing tables“ on page 96 onwards**