

## Universal drilling/milling machine with automatic table feed for X and Y axis

### Facts that impress in terms of quality, performance and price

- ▶ Vibration absorbing cast design
- ▶ Pivoting milling head with gearbox
- ▶ Gears in oil bath with polished, hardened gear wheel
- ▶ Right-handed/left-handed rotation
- ▶ Spindle sleeve feed with fine feed
- ▶ Coupling for switching from manual coarse feed to manual fine feed
- ▶ Precision Cross table, generously dimensioned with precision surface finish with adjustable V-ledges

- ▶ Automatic feed of X and Y axis with speed adjustment
- ▶ Automatic and adjustable limit switch cut-off of the X axis
- ▶ Mechanical spindle sleeve feed for drilling via spindle sleeve lever
- ▶ Dovetail guides of the table, adjustable via V-ledges
- ▶ Coolant system
- ▶ LED lamp

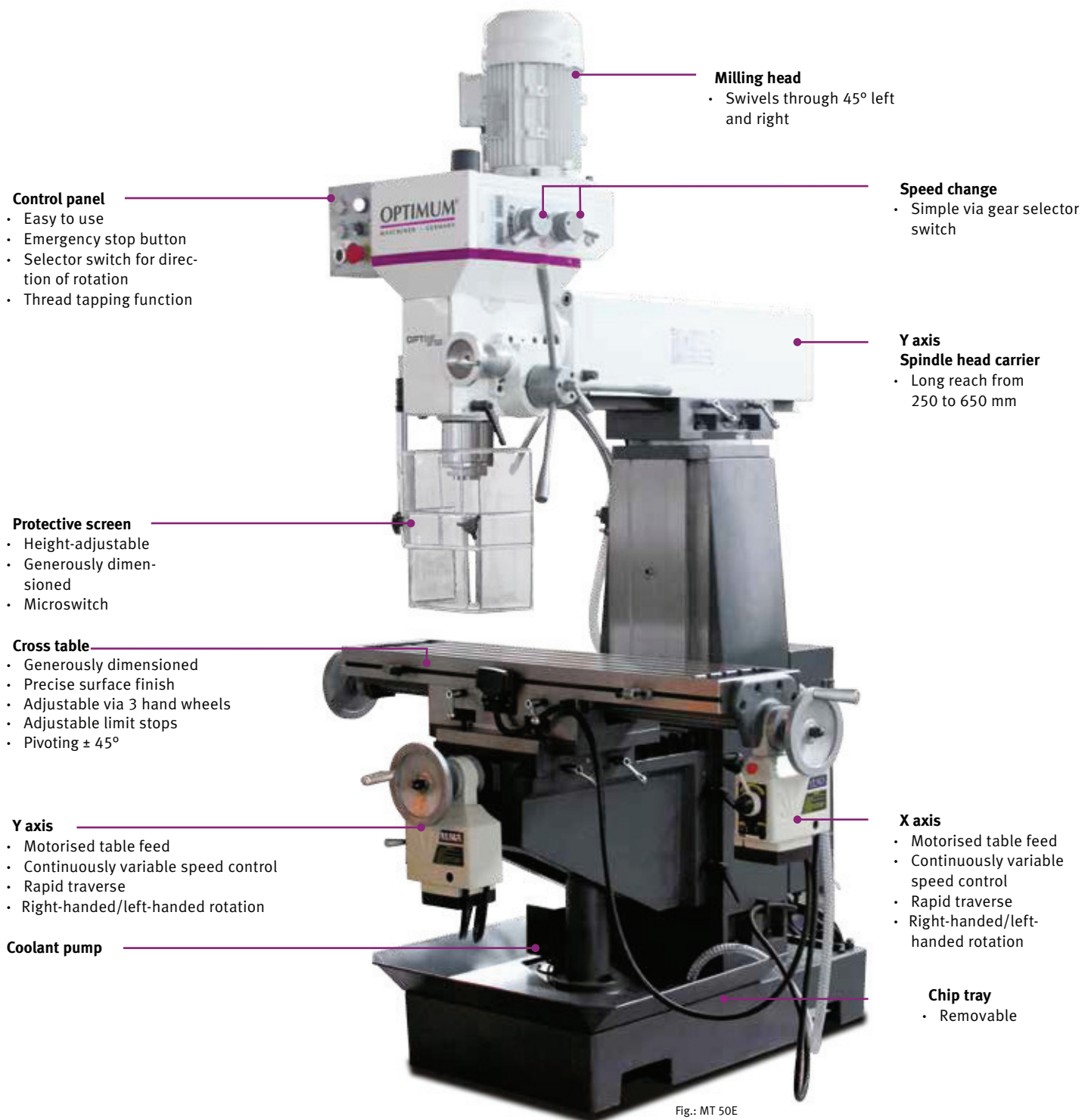


Fig.: MT 50E

## Technical specifications, accessories and dimensions

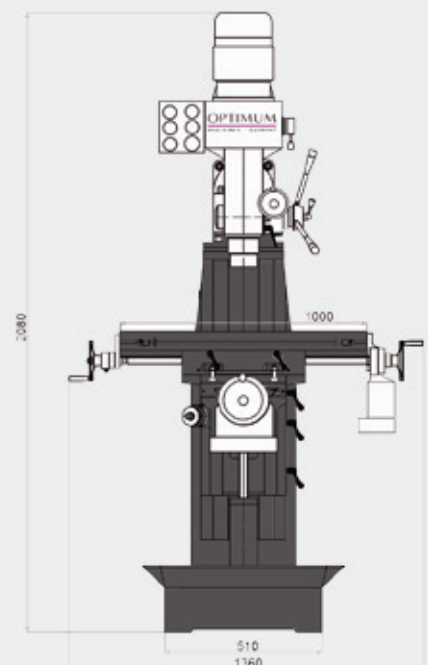
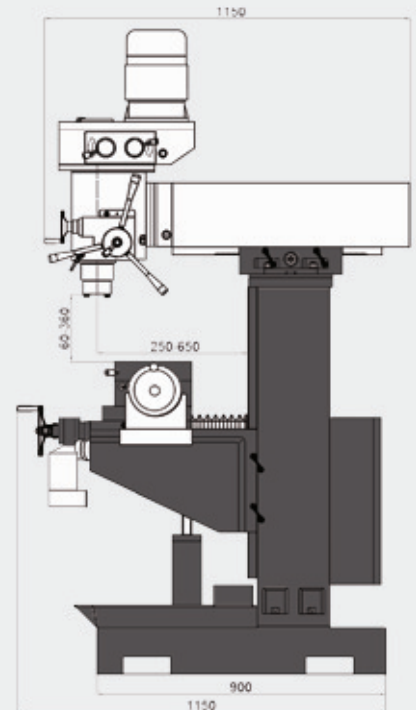
Model	MT 50E
Article no.	3336010
<b>Technical data</b>	
Electrical connection	400 V / 3 Ph ~50 Hz
Drive motor	0.85 / 1.5 kW
Coolant pump output	40 W
<b>Drilling performance</b>	
Drilling performance in steel (S235JR)	Ø 30 mm
Continuous drilling performance in steel (S235JR)	Ø 25 mm
Milling head size (max.)	Ø 63 mm
Max. shaft milling cutter size	Ø 25 mm
<b>Spindle seat</b>	
Spindle seat	SK40 DIN 69871
Spindle sleeve stroke	120 mm
Tightening bar	M 16
<b>Drilling/milling head</b>	
Spindle speeds	115 - 1,750 rpm
Gears / Motor stps	4 gears / 2 steps
Throat	250 - 650 mm
Swivel range	± 45°
<b>Cross table</b>	
Distance spindle to Cross table	60 - 360 mm
Table length x width	1,000 x 240 mm
Cross table max. load	150 kg
T-slot size / quantity	14 mm / 4
Swivel range	± 45°
<b>Strokes</b>	
X axis	manual 580 mm / automatic 500 mm
Y axis	manual 230 mm / automatic 150 mm
Z axis manual	400 mm
<b>Dimensions</b>	
Length x width x height	1,360 x 1,150 x 2,080 mm
Overall weight	760 kg
Transport packaging flat rate	TPFR2

Accessories	Article no.
Parallel shim set, 20-part	3354001
Vibration damping machine base SE2 (4 pcs. required)	3381016
Assortment of clamping tools SPW 12	3352017
Collet chuck set 18-part ISO40	3352056
Horizontal-vertical rotary indexing table RT 200	3356200
• Worm gear tempered and polished	
Arbor for drill chuck	3352070
• External taper ISO 40 / B16	

Vices	Article no.
HMS 125	3355127
FMS 125	3354125
• Guide surfaces tempered and polished	
• Hardened and polished clamping jaws, replaceable	
• With turntable, rotating through 360°	
› More „Rotary indesing tables“ on page 96 onwards	

The drill (frequency converter) complies with the DIN EN 55011 standard: class A

### Dimensions



### Scope of Delivery

- Gear rim drill chuck 3 - 16 mm / B18
- Arbor for drill chuck ISO40 / B18
- T-slot nuts
- Push-out tool
- Reduction sleeve ISO40- MT 3/MT 3-MT 2
- Coolant pump
- Operating tool