

Universal milling machine for horizontal and vertical milling work.

With digital 3-axis position display DPA 21

Facts that impress in terms of quality, performance and price

- ▶ Heavy, solid design using premium vibration-absorbing grey cast material
- ▶ Spindle sleeve feed via spindle sleeve lever or manual fine feed hand wheel
- ▶ X axis can be moved optionally with the hand wheel or the table feed unit
- ▶ Automatic spindle sleeve

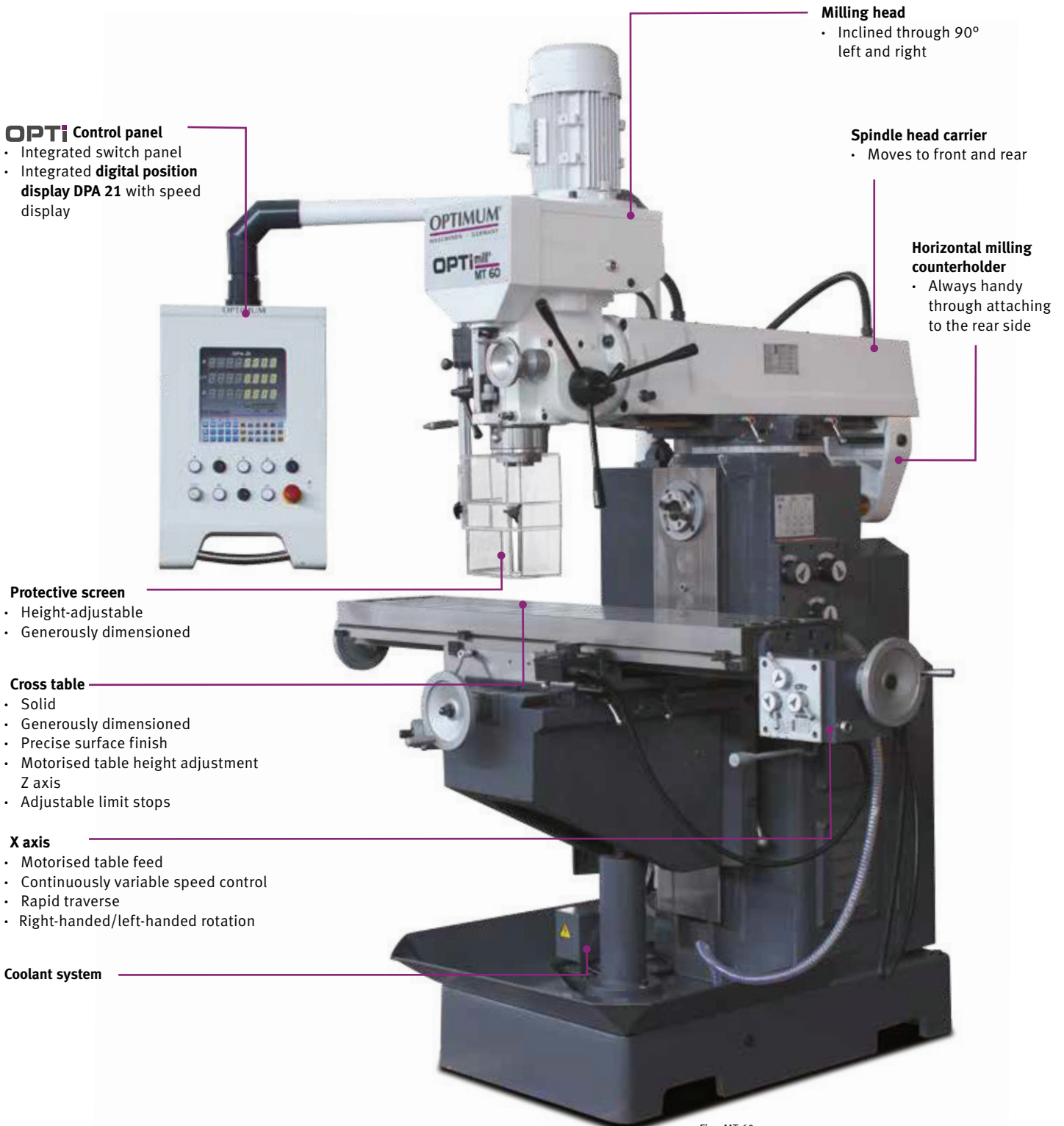


Fig.: MT 60

Technical data and accessories



Horizontal milling position

- For work in horizontal milling position with arbor and collet for disc milling cutter



Control panel

- Inclined to left and right side of machine

Digital position display DPA 21

- Clearly-arranged keyboard layout
- Dazzle-free display
- Resolution 5 µm
- Accuracy ± 0.003 mm
- Protected against dust, chips and splash water by a rubber lip



Table feed

- Motorised table height adjustment
- Gear motor - Table feed X axis

Model	MT 60
Article no.	3336090
Technical data	
Electrical connection	400 V / 3 Ph ~50 Hz
Total connected load	5 kW
Coolant pump output	40 W
Drilling/milling output	
Drilling performance steel (S235JR)	Ø 30 mm
Continuous drilling performance steel (S235JR)	Ø 25 mm
Milling head size (max.)	Ø 100 mm
Max. shaft milling cutter size	Ø 25 mm
Vertical spindle	
Drive motor	2.2 kW
Spindle seat	ISO 40 DIN 2080
Spindle sleeve stroke	120 mm
Throat	220 - 600 mm
Clearance spindle to table	125 - 465 mm
Spindle sleeve diameter	Ø 90 mm
Tightening bar	M16
Spindle speeds	90 - 2,000 rpm
Gears	8 gears
Automatic spindle sleeve feed	3 speeds / 0.08 - 0.25 mm/rev
Horizontal spindle	
Drive motor	2.2 kW
Spindle seat	ISO 40 DIN 2080
Throat	35 - 370 mm
Spindle speeds	40 - 1,300 rpm
Gears	9 gears
Cross table	
Table length x width	1,270 x 280 mm
Cross table max. load	150 kg
T-slot size/amount/spacing	14 mm / 4 / 50 mm
Strokes	
X axis automatic / manual	750 mm / 680 mm
Y axis manual	230 mm
Z axis manual	360 mm
Dimensions	
Length x width x height	1,580 x 1,450 x 2,150 mm
Overall weight	900 kg
Transport packaging flat rate	TPFR2

Scope of Delivery

- Gear rim drill chuck Ø 1 - 16 mm / B18
- Arbor for drill chuck ISO40 / B18
- Adapter ISO 40 / MT 3
- Adapter ISO 40 / MT 2
- Cutter spindle horizontal milling Ø 22 mm
- Cutter spindle horizontal milling Ø 27 mm
- Milling chuck Ø 4 - Ø 16 mm
- Tie rod vertical and horizontal
- Operating tool

Accessories	Article no.
Hydraulic vice HMS 150	3355150
Precision vice FMS 150	3354150
Parallel shim set, 20-part	3354001
Assortment of clamping tools SPW 12	3352017
Horizontal-vertical rotary indexing table RT 200	3356200
› More „Rotary indexing tables“ on page 96 onwards	