

Multifunctional drilling/milling machine with tool clamping system for professional deployment. With digital 3-axis position display DPA 2000

Facts that impress in terms of quality, performance and price

- ▶ Heavy, solid design using premium cast meehanite
- ▶ Smooth action due to polished gearwheels running in an oil sump
- ▶ 20 switchable speeds thanks to two-speed motor in combination with 5 belt stages and reduction gearbox
- ▶ Sturdy, square guide rails on Y and Z axis
- ▶ Solid Cross table, generously dimensioned with precision surface finish
- ▶ All axes adjustable in guides using cleats
- ▶ Detachable cross table housing for protection against chips and coolant
- ▶ Excellent concentricity thanks to tapered roller bearings, better than 0.01 mm measured in the spindle sleeve
- ▶ Coolant system
- ▶ Adjustable drilling depth stop with millimetre scale, can be read off on front
- ▶ LED machine lamp
- ▶ Chip tray
- ▶ Siemens electronics
- ▶ Right-handed/left-handed rotation for thread tapping

Compressed air tool clamping system

- › Short change times
- › Low effort thanks to optimised structure
- › Precise guiding thanks to optimised geometry
- › Lowest air consumption

Horizontal milling position



- › with arresster and collet for disc milling cutter
- › Adjustable plain bearing



Fig.: MT 8 with horizontal and vertical milling position



Technical data and accessories

Model	MT 8
Article no.	3336088
Technical data	
Electrical connection	400 V / 3 Ph ~50 Hz
Total rated value	7.2 kW
Vertical spindle drive motor	5.5 kW
Horizontal spindle drive motor	4 kW
Coolant pump motor	90 W
Total rated value for compressed air	min. 6 bar
Drilling/milling output	
Drilling performance in steel (S235JR)	Ø 30 mm
Continuous drilling performance in steel (S235JR)	Ø 21 mm
Max. sensor head size	Ø 80 mm
Max. shaft milling cutter size	Ø 25 mm
Vertical spindle	
Spindle sleeve stroke	140 mm
Spindle sleeve feed	3 speeds: 0.086 - 0.142 mm
Spindle seat	ISO 40 DIN 2080
Spindle speeds	60 - 4 660 rpm
Speeds	20 speeds
Milling head tilt angle	± 45°
Horizontal spindle	
Spindle seat	ISO 50 DIN 2080
Spindle speeds	58 - 1 800 rpm
Speeds	12 speeds
Cross table	
Clearance spindle to table	155 - 610 mm
Length x width	1 320 x 360 mm
Table feed (9 speeds)	15 / 370 mm/min.
T-Slot size / no / distance	18 mm / 3 / 80 mm
Max. load bearing capacity	350 kg
X axis	
Travel	manual 980 mm / automatic 900 mm
Table feed	15 / 370 mm/min.
Y axis	
Travel	manual 300 mm / automatic 220 mm
Table feed	15 / 370 mm/min.
Y boom swivel range	± 30°
Z axis	
Travel	manual 450 mm / automatic 370 mm
Dimensions	
Length x width x height	2 220 x 2 060 x 2 550 mm
Weight	2 500 kg

Scope of supply

- › Quick clamping drill chuck Ø 1 - 16 mm / B18
- › Adapter 7:24 ISO 50 - MT 3
- › Adapter 7:24 ISO 50 - MT 2
- › Arborfor drill chuck 7:24 ISO 40 / B18
- › 1 each cutter spindle horizontal milling Ø27 / Ø32 mm
- › Milling chuck set Ø 4 - Ø 16 mm
- › Operating tool

Accessories	Article no.
Assortment of clamping tools size 16, 58-parts	3352017
Collet chuck set 18-part ISO 40	3352056
Collet chuck set 18-part ISO 50	3352065
Precision machine shoe SEU1 (4 pcs. required) see page 132	3352985
Blank holder set of 2 18 mm/M16	3352032
Morse cone ISO50 B18 DIN2080	3352067
Milling head holder SK 50	3352066
Arbor for drill chuck ISO 40 / B16	3352070
Copying and facing blade head ISO 40 DIN 2080	3350216
Precision bore head set ISO 40	3352128
Precision bore head set ISO 50	3352129

Machine vices	Article no.
FMS 200	3354200
HMS 150	3355150
FMSN 150	3354130
VMQ 150	3354183
MV3-75	3354175
MV3-125	3354178
ZAS 50	3354170
DAS 100	3355500
HCV 105	3536210
HCV 125	3536214