

OPTImill[®]* MT 130S

Versatile and easy retooling.

The universal milling machine for workshops

Facts that impress in terms of quality, performance and price

- ▶ Versatile range of applications
- ▶ Heavy, solid design using premium cast meehanite
- ▶ Vertical and horizontal milling position
- ▶ Rugged machine construction
- ▶ Milling head pivots and rotates to any spatial angle
- ▶ Smooth action due to polished gearwheels running in an oil sump
- ▶ All guides tempered and adjustable using cleats
- ▶ Central lubrication
- ▶ Generously dimensioned, decoupled hand wheels with scales
- ▶ LED machine lamp
- ▶ Coolant system
- ▶ Easy operation of the switching elements
- ▶ Sturdy, square guide rails on Y and Z axis
- ▶ Height-adjustable protective screen with microswitch for best possible user protection against chips and parts being flung out
- ▶ Solid and generously dimensioned cross table with precision surface finish and T-slots
- ▶ Digital position display DPA 21
- ▶ Feed system controllable by servomotor in fixed steps
- ▶ Table feed X, Y and Z axis

Horizontal milling position



- > with arrester and collet for disc milling cutter
- > Adjustable plain bearing

OPTi Control panel

- > Integrated switch panel
- > Integrated digital position display
- > Rotates about its own axis

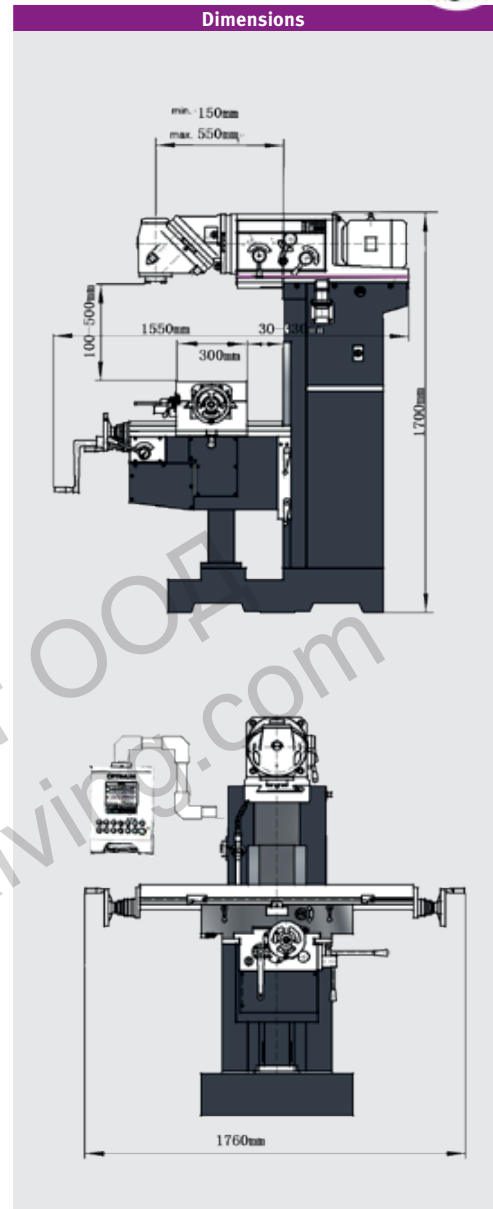


Fig.: MT 130S



Technical specifications, accessories and dimensions

Model	MT 130S
Article no.	3344110
Technical data	
Electrical connection	400 V / 3 Ph ~50 Hz
Total rated value	6 kW
Drive motor	3 kW
Feed motor output	3 kW
Coolant pump motor	60 Watt
Milling capacity	
Max. sensor head size	Ø 100 mm
Max. shaft milling cutter size	Ø 100 mm
Vertical	
Spindle seat	ISO 40 DIN 2080
Draw-in rod	M16
Clearance spindle to cross table	196 - 646 mm
Spindle speeds	45 - 1 660 rpm
Speeds	11 speeds
Throat	150 - 550 mm
Milling head tilt angle	360°
Cross table	
Length x width	1 270 x 300 mm
Max. load bearing capacity	200 kg
T-slot size / spacing / count	14 mm / 80 mm / 3
X axis	
Cross table stroke	manual 720 mm / automatic 650 mm
Table feed automatic	30 - 830 mm/min.
Rapid traverse	1 335 mm/min
Y axis	
Cross table stroke	manual 300 mm / automatic 220 mm
Table feed	30 - 830 mm/min.
Rapid traverse	1 335 mm/min
Z axis	
Cross table stroke	manual 400 mm / automatic 320 mm
Table feed	23 - 625 mm/min.
Rapid traverse	1 335 mm/min
Dimensions	
Length x width x height	1 760 x 1 550 x 1 700 mm
Weight	1 450 kg



Accessories	Article no.
Parallel shim set, 20-part	3354001
Horizontal-vertical rotary indexing table RT 150	3356150
Horizontal-vertical rotary indexing table RT 200	3356200
Horizontal-vertical rotary indexing table RTE 165	3356365
Horizontal-vertical rotary indexing table RTU 165	3354165
Assortment of clamping tools size 12, 58 parts	3352017
Blank holder set of 2 14 mm/M12	3352031
End mill set HSS 12-part	3352250
End mill set HSS 20-part	3352255
Precision machine shoe SEU1 (4 pcs. required) see page 132	3352985
Arbor for drill chuck ISO 40/B16	3352070
Collet chuck set 18-part ISO40	3352056
› More accessories for milling machines from page 126	

Scope of supply

- › ISO 40 taper shank with arrester for horizontal milling
- › Cutter arbour Ø 32 mm
- › Operating tool

Machine vices

Machine vices	Article no.
HMS 125	3355127
FMS 150	3354150
FMSN 150	3354130
VMQ 150	3354183
MV3-75	3354175
MV3-125	3354178
DAS 100	3355500
HCV 105	3356210

- › Information about vices from page 120