

Universal milling machine

OPTI UF 100

Quality through precision. The universal milling machine with new standards secures high productivity

Convincing arguments: quality, efficiency and price

- Wide range of applications
- Solid, heavy-duty model made from high-grade Meehanite cast iron
- Solid, precise cross table, precision-ground
- All guideways hardened adjustable due to tapered gibs
- For operations in horizontal milling-position with steady and holding fixture for side milling cutters, adjustable slide bearing
- Central lubrication
- Dove tail slideways
- Main switch with protective motor switch, right-left-hand rotation switch, emergency stop switch
- Heavy duty handwheel with scale
- Machine lamp supplied as standard
- Coolant pump supplied as standard
- Cost-efficient and of stable value

- Easy and clear operation due to individually adjustable control panel



- For working operations in horizontal milling position with steady and collar for disk milling cutter, adjustable bearing

Extent of supply:

- Draw-in collet chuck kit with 8 collet chucks ISO 40 (ER 32) (4 - 5 - 6 - 8 - 10 - 12 - 14 - 16)
- Adaptor ISO 40 - B16
- Adaptor ISO 40 - MT3
- Steady for horizontal milling position with holding fixture for side milling cutter, adjustable slide bearing
- Coolant system
- Machine lamp
- Coolant drip pan
- Solid machine vice with swivel base
- Operating tools

Model	OPTI UF 100
Item No.	333 6100
€ (VAT excl.)	7,950.00

Technical data	
Drilling capacity in cast iron	Ø 22 mm
Drilling capacity in steel	Ø 18 mm
Milling cap. face cutter	Ø 85 mm
Milling cap. of end mill cutter	Ø 16 mm
Distance spindle / vertical position cross table	90 - 520 mm
Y-axis travel spindle head holder	630 mm
Spindle holding fixture	ISO 40 (DIN 2080, DIN 69871)
Spindle speeds (11 steps)	40 - 1,600 rpm
Swivel of milling head	360 °
Inclination of milling head	360 °
Revolutions (9 steps)	18 - 310 mm/min.
Load of cross table (max.)	350 kg
Cross table size (L x W)	260 x 1,120 mm
T-slot size	14 mm, distance 63 mm
Z-axis travel manual ^{*)}	430 mm
Y-axis travel automatic ^{*)}	270 mm
X-axis travel automatic ^{*)}	600 mm
Motor power 400 V / 50 Hz	2.2 kW
Dimensions (L x B x H)	1,655 x 1,325 x 1,730 mm
Net weight	1,350 kg



Extent of supply:

- Solid machine vice with swivel base

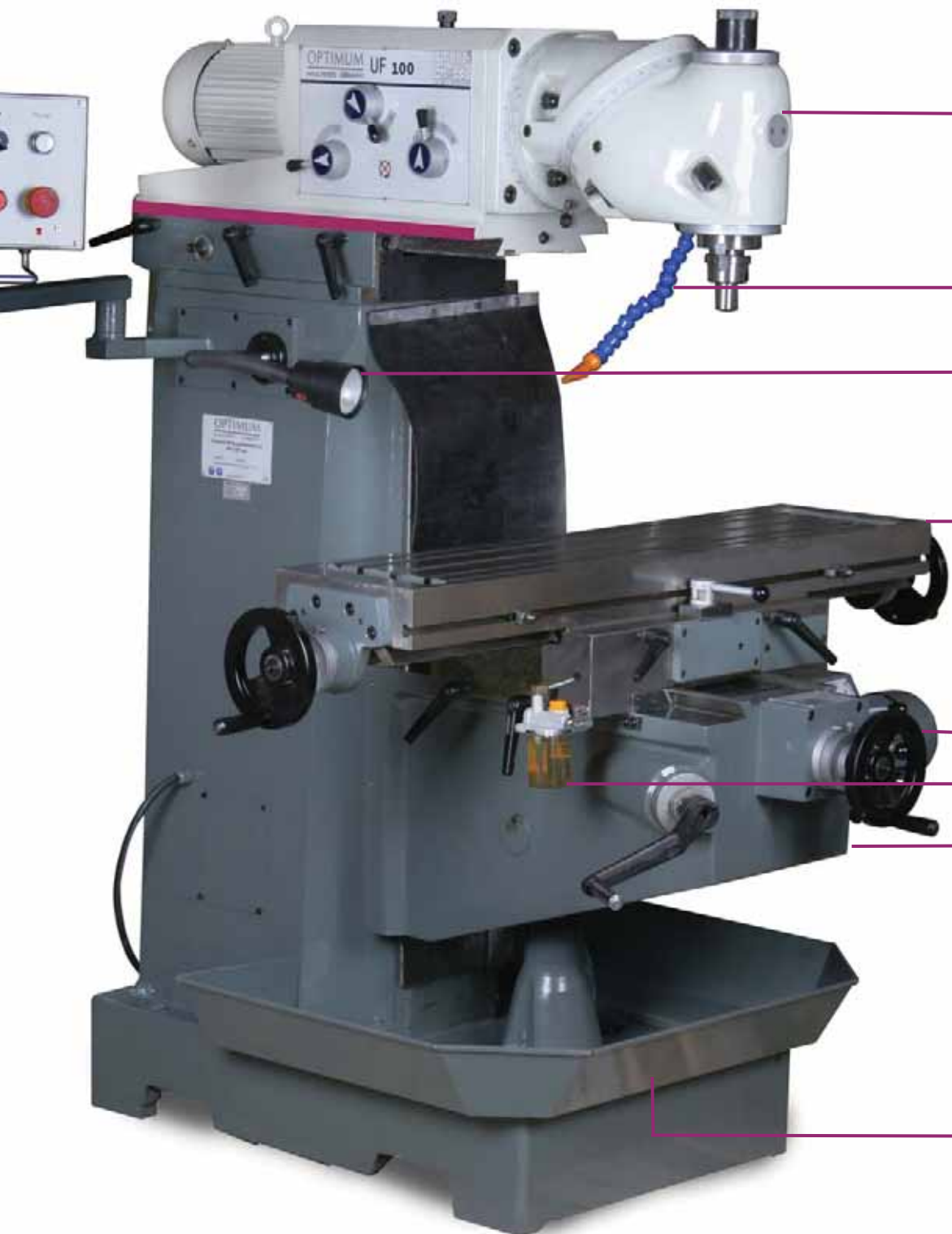


Morse taper B 16

Holding arbor 22 mm

^{*)}Travels are reduced when using measuring gibs for digital displays

New



- Milling head adjustable and rotatable to any three-dimensional angle
- With scales
- Coolant system
- Machine lamp
- Massive, exact cross table largely dimensional and with precisely worked surface
- With T-slots
- Adjustable V-ledges
- Safety handwheel
- Adjustable graduated collar
- Central lubrication
- Motor with gear - table feed X- and Y-axis 9 steps, 18 - 310 [mm/min]
- Chip pan



Accessories	Item No.	€ (VAT excl.)
■ MT for taper mandrel ISO 40 / B16	335 2070	59.00
■ Holding arbor for cutter head ISO 40/22 mm	335 2071	55.00

More accessories from page 27 onwards