



SKU : 362694

This versatile milling machine offers a large work area with a long traverse path on the X-axis. Together with the extensive features, it is ideal for repair workshops as well as training and production departments. The infinitely variable servomotor feed, together with a vertical milling head that can be swiveled on two planes, extends the wide range of applications for the entire UHF series. Wide, stable flat guides on the Z- and Y-axes can also absorb high cutting forces without any problem.

- Universal cutter head swivels on 2 levels
- Outer arbor support for cutter head during horizontal milling
- Swiveling milling table
- Servo-feed on all axes with rapid feed
- Extensive standard equipment

TECHNICAL SPECS

WORKING AREA

Table set up area	1370 mm x 300 mm
Table load capacity (max.)	300 kg
Number of T-slots	3 positions
T-slot (width x spacing)	14 mm x 80 mm
Milling table swivel range	45 deg

TRAVELS

Travel X-axis	1000 mm
Travel Y-axis	360 mm
Travel Z-axis	400 mm

VERTICAL MILLING HEAD

Spindle speed (vertical)	45 1/min - 1660 1/min
Spindle mount	DIN 2080 / ISO 40
Throat	150 mm - 550 mm
Vertical spindle-to-table surface distance	100 mm - 500 mm
Milling head swivel range	360 deg

RAPID FEED

Rapid feed X-/ Y-axis	1335 mm/min
Rapid feed Z-axis	1000 mm/min

FEED

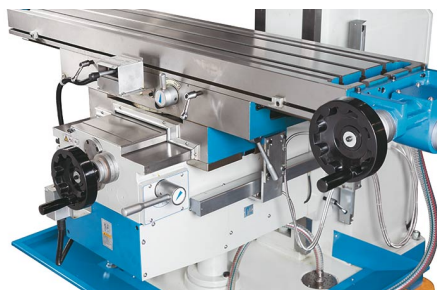
Feed speed X-axis	30 mm/min - 830 mm/min
Feed speed Y-axis	30 mm/min - 830 mm/min
Feed speed Z-axis	23 mm/min - 625 mm/min

DRIVE CAPACITY

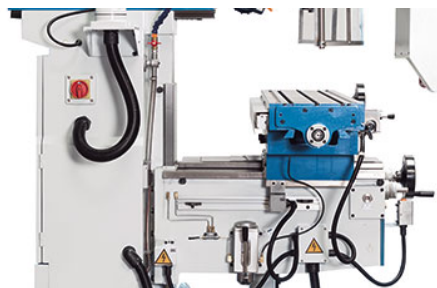
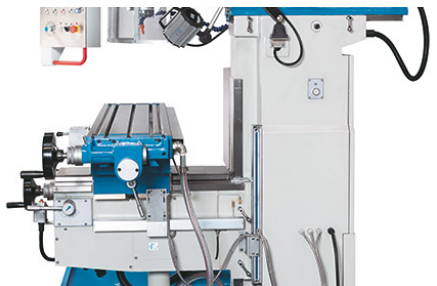
Motor rating main drive	3 kW
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MEASURES AND WEIGHTS

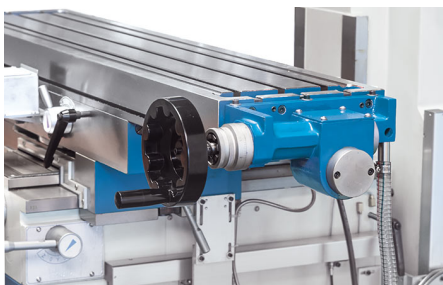
Overall dimensions (length x width x height)	1.83 m x 1.76 m x 1.7 m
Weight	1750 kg



Easy handling: feeds are controlled directly at the milling console



Large throat and long travels



PRODUCT DETAILS

- Extremely rigid machine bed made of high-strength HT-200 cast-iron with heavy ribbing
- Large rectangular guideways ensure precision and quiet operation within permissible high loads
- Universal cutter head swivels on 2 planes - quick change-over from horizontal to vertical machining
- By combining both swivel levels, almost any spatial angle can be set
- Outer arbor support for horizontal milling, mounts to cutter head
- The milling table features a large setup area and can be rotated in linear direction
- Precision-ground guideways with hardened surfaces for long-term accuracy and wear-resistance
- Quiet, precision-made headstock gears with hardened and ground gears
- Powerful servo-motor for infinite variation of feeds in all 3 axes
- Minimum downtime due to rapid positioning of work table and rapid feeds in all axes
- Control panel swivels for comfortable operation
- Coolant system and chip tray are included

STANDARD EQUIPMENT

- Chip tray
- Coolant system
- Central lubrication
- 3-axis position indicator X.Pos 3.2
- Operator instructions
- M16 draw bar
- Operating tools
- Outer arbor support for horizontal milling