



**SKU : 702336**

**USED**

**Construction year 2017, used for approx. 2 years**

The proven concept of the tool milling machine has found its widest distribution in this version and has proven itself in many production processes. As a universal milling machine with a vertical and horizontal spindle, swivelling vertical head, quill stroke and large horizontal and vertical clamping surface, it is particularly flexible and can be used for complex applications. It is ideal for tool and mould making, for repair workshops and for training and production departments.

### TECHNICAL SPECS

#### WORKING AREA

Table dimensions	460 mm x 800 mm
Vertical table	274 mm x 842 mm
Table load capacity (max.)	400 kg
Number of T-slots	7 positions
T-slot (width x spacing)	14 mm x 63 mm
Table load capacity, vertical table (max.)	600 kg
T-slots, vertical table (number)	4 positions
T-slots, vertical table (width x spacing)	14 mm x 63 mm

#### TRAVELS

Travel X-axis	500 mm
Travel Y-axis	400 mm
Travel Z-axis	400 mm

#### VERTICAL MILLING SPINDLE

Spindle mount	ISO 40
Travel pinole	80 mm

#### RAPID FEED

Rapid feed X-axis	1300 mm/min
Rapid feed Y-axis	1300 mm/min
Rapid feed Z-axis	1300 mm/min

#### HORIZONTAL MILLING SPINDLE

Speed range	50 1/min - 2500 1/min
Spindle mount	ISO 40

#### FEED

Work feed X / Y / Z axis	6.3 mm/min - 630 mm/min
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#### DRIVE CAPACITY

Main motor rating	3,75 / 4,4 kW
Motor rating feed	0,8 / 1,2 kW
Total power consumption	5.7 kVA
Power supply voltage	400 / 50 V/Hz

#### MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	1.98 m x 1.35 m x 1.9 m
Space requirement incl. safety zone	2.5 m x 2.5 m
Door opening (width x height)	1.3 m x 1.8 m
Weight	1415 kg

## PRODUCT DETAILS

- Universal tool milling machines are an absolute necessity for tool, form, model, die and device construction
- Its flexible production without programming brings many advantages for single-part construction, but also provides a cost-effective alternative for the production of small to medium-size batches
- Its proven design features excellent rigidity and performance
- The heavy fixed-angle table features a large setup area and high load capacity
- The vertical cutter head swivels and the quill can be moved manually
- Includes a manual central lubrication system for reliable lubrication of all guideways
- Standard coolant system with large reservoir
- All operating controls are clearly arranged and placed ergonomically
- Price incl. fully assembled 3-axis position indicator

## STANDARD EQUIPMENT

3-axis position indicator X.pos Plus  
Coolant system  
Fixed-angle table  
Outer arbor support for horizontal milling  
LED work lamp  
Chip tray  
Splatter guard  
Central lubrication  
Operating tools  
Operator instructions



## KNUTH on YouTube Information to the point

On our YouTube channel you can find videos for nearly all machines from our program. We show the machines from current deliveries and you get an impression of the handling, the processing quality and the machining performance.

**Are you interested in a machine for which you cannot find a current video?  
Please feel free to contact us!**