



## FEATURES

- Multifunctional drilling and milling machines for professional use. Mechanically steplessly adjustable drive
- Heavy, solid design made of high-quality Meehanite cast iron
- High concentricity due to tapered roller bearing, measured smaller than 0.01 mm in the quill
- Automatic quill feed
- Right / left rotation for thread cutting
- X- and Z-axis with adjustable 55 ° dovetail guide
- Y-axis with flat guide
- Coolant system
- Right and left rotation
- Automatic quill feed, 3-stage 0.04 – 0.15 mm / rev
- Precision micro feed
- Milling spindle with precision bearing
- Mechanical spindle brake
- Drilling depth scale and stroke
- Smooth-running, precise cross table with T-slots and coolant channel
- Motor feed in the X, Y and Z axes
- Integrated digital position indicator DPA 2000
- Swiveling arm with integrated control panel
- Central lubrication

## SPECIFICATIONS

length	2,000 mm
Width depth	1,600 mm
height	2,010 mm
Weight (net)	1,000 kg
Total connected value	3 kW
Supply voltage	400V
Phase (s)	3 Ph
Current Type	~
power frequency	50 Hz
Knife head size max.	76 mm
End mill size max.	25 mm
Vertical spindle projection	15-415 mm
Vertical spindle Spindle mount	ISO 40 DIN 2080
Vertical spindle speed range	60 – 4,200 min-1
Vertical spindle Number of speed ranges	2
Vertical spindle Control of the speed control	mechanically stepless
Horizontal milling length	230 mm
Horizontal milling width	1,246 mm
Distance vertical spindle – horizontal milling table max.	405 mm

Horizontal milling T-slots size	16 mm
Horizontal milling T-slots number	3
Horizontal milling T-slots clearance	63 mm
Horizontal milling load max.	200 kg
Vertical spindle Power Drive motor Normal operation	2.2 kW
Traverse X-axis manually	690 mm
Travel Y-axis manually	310 mm
Travel Z-axis manually	390 mm
Traverse X-axis automatically	610 mm
Traverse Y-axis automatically	230 mm
Traverse Z-axis automatically	310 mm
Drilling capacity steel (S235JR)	24 mm
Continuous drilling capacity steel (S235JR)	20 mm
Vertical spindle Turning area milling head X – Y plane	90 degrees
Vertical spindle Turning area milling head Z – X plane	45 degrees
Vertical spindle Pinole diameter	86 mm
Vertical spindle Quill stroke	127 mm
Vertical spindle quill feed	0.04 / 0.08 / 0.15 mm / rev
Vertical spindle Milling head Travel Z-axis	312 mm