



## FEATURES

- Stable drilling and milling machine with electronically infinitely variable drive. MH 22VD with digital position indicator DRO 5
- Feed spindles adjustable without backlash by adjustable spindle nuts
- Stable dovetail guide, precision ground and scraped with adjustable wedges
- EMC filter class B (use in private households)
- All guides are ground and visibly scraped (oil pockets for lubrication)
- Precisely processed
- Double-row angular contact ball bearings in the axles, adjustable without backlash
- Safety electronics in 24 Volt version
- Bellows as guide protection
- Forward / reverse operation
- Drilling and milling head can be tilted by  $\pm 90^\circ$ , for milling and drilling work in any angular position
- machine lamp
- Height-adjustable protective screen with micro-switch, against flying chips and parts, for maximum protection of the user
- Easy to read speed display and depth display, switchable mm / inch
- fine feed

## SPECIFICATIONS

length	945 mm
Width depth	650 mm
height	950 mm
Weight (net)	120 kg
Power drive motor	0.95 kW
Supply voltage	230V
Phase (s)	1 Ph
Current Type	~
power frequency	50 Hz
Knife head size max.	52 mm
End mill size max.	12 mm
Vertical spindle projection	170 mm
Vertical spindle Spindle mount	BT 20
Vertical spindle speed range	90 – 3000 min <sup>-1</sup>
Vertical spindle Number of speed ranges	2
Vertical spindle Control of the speed control	electronic

Horizontal milling length	700 mm
Horizontal milling width	180 mm
Distance vertical spindle – horizontal milling min.	370 mm
Distance vertical spindle – horizontal milling table max.	370 mm
Horizontal milling T-slots size	12 mm
Horizontal milling T-slots number	3
Horizontal milling T-slots clearance	63 mm
Horizontal milling load max.	50 kg
Traverse X-axis manually	480 mm
Travel Y-axis manually	175 mm
Travel Z-axis manually	370 mm
Drilling capacity steel (S235JR)	20 mm
Continuous drilling capacity steel (S235JR)	16 mm
Vertical spindle Turning area milling head Z – X plane	90 degrees
Vertical spindle Pinole diameter	60 mm
Vertical spindle Quill stroke	50 mm