

## Vertical bed milling machine WBK 1300 / WBK 1600

WBK 1300 with digital position display in 4 axes, completely assembled Order No. : 510751

WBK 1600 with digital position display in 3 axes, completely assembled Order No. : 510750

Stepless speed range, automatic, stepless, frequency-controlled feeds in all 3 axes



### Technical specifications

Work table:

Table surface area, mm 1500 x 400 / 1900 x 700

Tischbelastung, kg 800 / 1400

Number of T-slots 5 / 6

T-slot width, mm 16 / 18

T-slot distance, mm 63 / 105

X-axis travel lengthwise autom., mm 1300 / 1600

Traverse path Y-axis transversely autom mm 460 / 800

Z-axis vertical travel, motorized, mm 770 / 630

Automatic feeds

infinitely variable with individual servomotors

X-Axis

Y-Axis

Z-Axis

Quill diameter 100 / 110

Quill stroke 120 mm

automatic feeds 3

stepless speed 70-3800 / 60-3000 U/min.

Tool holder in the spindle DIN 2080 ISO40

Motor power, spindle 3,75 / 5,5 kW

Longitudinal / cross feed 0,75 kW

Vertical adjustment 0,75 kW

Coolant pump 0,08 kW

Dimensions LxWxH 2452X2720X2389 mm

4500x2900x2700 mm

weight ca. 2800 / 7000 kg

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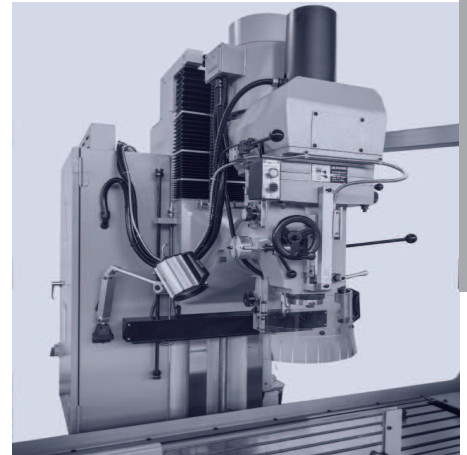
- Strongly ribbed vertical stand, thus low-vibration spindle run
- Digital position indicator
- Control panel with ergonomically arranged function keys including swivel arm
- Partial enclosure of the work area with front sliding door made of acrylic glass
- Longitudinal table movement by means of a recirculating ball screw manually and with automatic, stepless Feed
- Complete cooling-lubrication system
- Strong machine bed made of quality cast
- Strong flat guides in the Z-axis with bellows cover and recirculating ball screw
- Vertical milling head with continuously adjustable spindle speeds
- Mechanical spindle brake with switch-off
- Halogen work light
- Bellows cover in the Y-axis
- Powerful flat guidance in the Y-axis table transverse movement with manual and autom. gradual Feed with ball screw
- Chip collecting tray



control panel



Gear head (option)



Milling head

## Standardausstattung

- Feed in all 4 axes (WBK 1300) and 3 axes (WBK 1600) infinitely variable via potentiometer, or adjustable with an electronic handwheel (no conventional handwheels)
- Vertical milling head SK 40, DIN 2080 with quill and three automatic feeds.
- Complete coolant system
- Ground table surface
- Ball screws in the X, Y and Z axes
- Flat guides in the Y and Z axes are hardened and counter-coated (Turcite)
- Weight compensation in the Z-axis
- Automatic tool clamping
- (pneumatic via pull rod)
- Stepless feed in the X, Y and Z axes
- Sheet steel telescopic cover in the Y-axis
- front and back
- Bellows cover in the Z-axis
- Automatic central lubrication
- Spindle speeds in 16 steps, 60 - 3000 rpm.
- Complete electrical equipment 400 V. / 50 Hz.
- Operating tools and documentation
- CE standard