



See this machine  
in action on  
YouTube

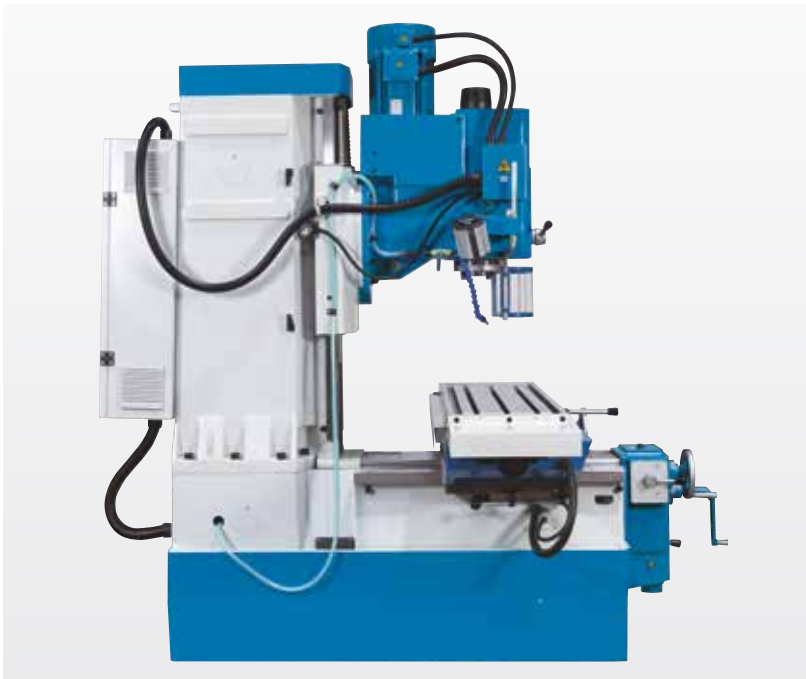


- **Infinitely variable speed control**
- **Extensive standard equipment**

- Only the cutter head (with the part) - not the machine table - moves on the Z-axis. This results in improved stability, less vibration, and ultimately increases precision and extremely high table load capacity! This effect is emphasized even more by the large, heavy cast-iron frame (Meehanite) and extremely wide box ways.
- infinitely variable speed adjustment provided through frequency drive
- Rigid rectangular guideways for long-lasting accuracy
- Meehanite cast-iron frame
- cutter head swivels  $\pm 45^\circ$
- standard 3-axis position indicator



The very rigid cutter head can be precisely swiveled and aligned



Heavy-duty design with large throat and generous work space



Face milling with cutter head

## Specifications

## KB 1400

### Working area

Spindle axis-to-table surface distance	mm	150 - 650
Number of T-slots	Pieces	3
Table set up area	mm	1.400x400
T-slots, width	mm	18
T-slots, spacing	mm	100
Speed height-adjustment (max.)	mm/min	1.670

### Travels

Travel X-axis	mm	950
Travel Y-axis	mm	400
Travel Z-axis	mm	500

### Vertical milling head

Spindle mount		ISO 50
Throat	mm	510
Spindle speed (vertical)	1/min	30 - 1.800
Quill stroke	mm	105
Head swivel range		± 45°

### Rapid feed

Rapid feed X-axis	mm/min	1.670
Rapid feed Y-axis	mm/min	1.670
Rapid feed Z-axis	mm/min	1.670

### Feed

Feed speed X-axis	mm/min	(9) 18 - 627
Feed speed Y-axis	mm/min	(9) 18 - 627
Feed speed Z-axis	mm/min	18 - 627

### Drive capacity

Motor rating main drive	kW	7,5
Motor rating feed	kW	0,75
Motor rating Z-axis	kW	0,75
Motor rating coolant pump	kW	0,04

### Measures and weights

Flow rate, coolant pump	l/min	12
Overall dimensions (length x width x height)	m	2,29x1,77x2,12
Weight	kg	3.660
Part No.		301320

### 3-axis position indicator

- more accuracy
- lower error rate
- increased productivity
- resulting in valuable time savings
- for increased productivity
- easy to read display
- operator-specific features
- resolution: 0.01/ 0.005 mm
- default coordinates
- axis position is maintained when display is turned off
- hole circle pattern calculation
- calculator function
- storage for 10 tools
- radius / diameter toggle
- mm/inch conversion

### Standard Equipment

3-axis position indicator, collet chuck with collets (4,5,6,8,10,12,14,16 mm diam.), reducing sleeves MT4, MT3, MT2, cutter arbor Ø 40 mm, coolant system, work lamp, central lubrication, operating tools, operator instructions

### Options

### Part No.

• Milling Chuck WELDON ISO 50 / Ø 25 mm	106817
• E-KB1400 spare part package for 301320	259007
• HS 150 Hydraulic Machine Vise	125028

For additional options for this machine, visit our website.