




See this machine
in action on
YouTube 

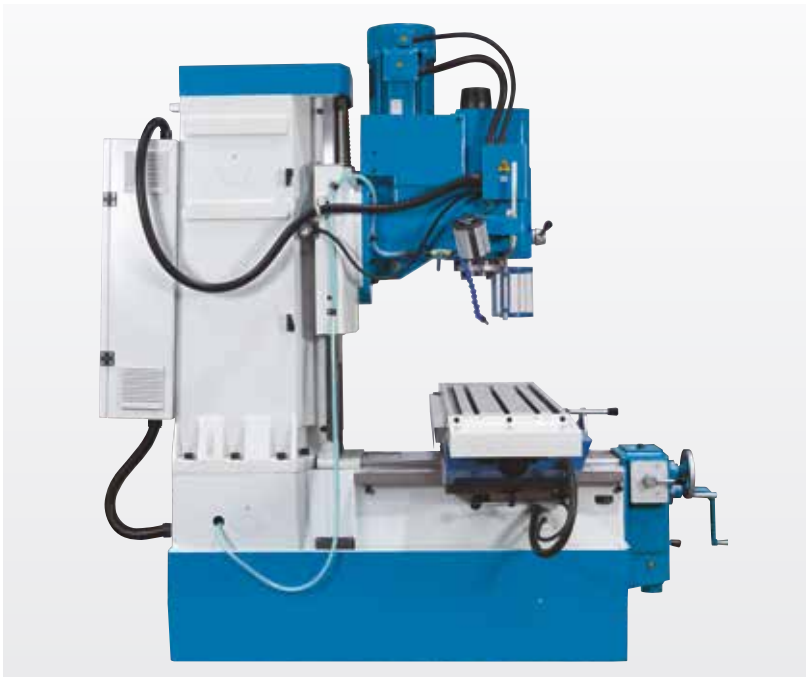


- **Infinitely variable speed control**
- **Extensive standard equipment**

- Only the cutter head - 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 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 measuring head

Specifications

KB 1400

Working Area

Spindle axis-to-table surface distance	in	5.91 - 25.59
Number of T-slots	positions	3
Table set up area	in	55x16
T-slots, width	in	0.7
T-slots, spacing	in	3.9
Speed height-adjustment (max.)	in/min	65.75

Travels

Travel X-axis	in	37.4
Travel Y-axis	in	16
Travel Z-axis	in	20

Vertical Milling Head

Spindle mount		ISO 50
Throat	in	20
Spindle speed (vertical)	rpm	30 - 1,800
Quill stroke	in	4
Head swivel range		± 45°

Rapid Feed

Rapid feed X-axis	in/min	65.75
Rapid feed Y-axis	in/min	65.75
Rapid feed Z-axis	in/min	65.75

Feed

Feed speed X-axis	in/min	(9) 0.7087 - 24.685
Feed speed Y-axis	in/min	(9) 1 - 25
Feed speed Z-axis	in/min	0.7087 - 24.685

Drive Capacity

Motor rating main drive	Hp	10.1
Motor rating feed	Hp	1
Motor rating Z-axis	Hp	1.01
Motor rating coolant pump	Hp	0.1

Measures and Weights

Flow rate, coolant pump	gal/min	3
Overall dimensions (length x width x height)	in	91x70x84
Weight	lbs	8,052
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: 0.0004 / 0.0002"
- 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 (0.16", 0.2", 0.24", 0.31", 0.39", 0.47", 0.55", 0.63" diam.), reducing sleeves MT4, MT3, MT2, cutter arbor Ø 1.5", coolant system, work lamp, central lubrication, operating tools, operator instructions

Options

Part No.

• Milling Chuck WELDON ISO 50 / Ø 1 in	106817
• E-KB1400 spare parts package for part no. 301320	259007
• HS 150 Hydraulic Machine Vise	125028

For additional options for this machine, visit our website.