



SKU : 301320

The heavy universal bed milling machine offers wide guides and high drive power for superior cutting performance, and with its extensive equipment is ideally suited for plant and machine construction. The heavy vertical milling head can be swiveled to the right and left, the quill can be moved manually, and the spindle speed can be continuously adjusted. The feed in the Y- and X-axes can be varied using a robust gearbox. All axes have rapid traverse and the large clamping table offers plenty of space for workpieces and clamping devices.

- Large work area
- Vertical cutter head with quill stroke
- Infinitely variable feed speeds
- Extensive standard equipment

TECHNICAL SPECS

WORKING AREA

Spindle axis-to-table surface distance	5.91 in - 25.59 in
Number of T-slots	3 positions
Table set up area	55 in x 16 in
T-slots, width	0.7 in
T-slots, spacing	3.9 in
Speed height-adjustment (max.)	65.75 in/min

TRAVELS

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

VERTICAL MILLING HEAD

Spindle mount	SK 50 DIN 2080
Throat	20 in
Spindle speed (vertical)	30 rpm - 1800 rpm
Quill stroke	4 in
Head swivel range	± 30°

RAPID FEED

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

FEED

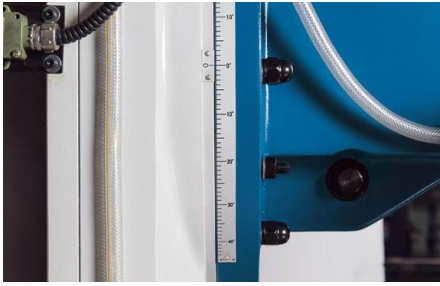
Feed speed X-axis	0.7087 in/min - 24.685 in/min
Feed speed Y-axis	1 in/min - 25 in/min
Feed speed Z-axis	0.7087 in/min - 24.685 in/min

DRIVE CAPACITY

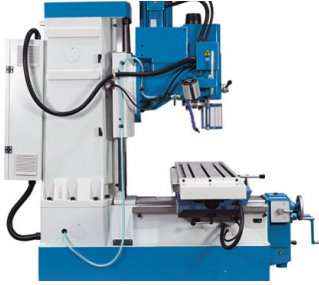
Motor rating main drive	10.1 Hp
Motor rating feed	1 Hp
Motor rating Z-axis	1.01 Hp
Motor rating coolant pump	0.1 Hp

MEASURES AND WEIGHTS

Flow rate, coolant pump	3 gal/min
Overall dimensions (length x width x height)	91 in x 70 in x 84 in
Weight	8052 lbs



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

PRODUCT DETAILS

- 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 $\pm 45^\circ$
- Hardened and ground guide ways on all axis
- Standard 3-axis position indicator

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
- Convenient keyboard layout
- 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
- Easy expansion and maintenance-free operation

STANDARD EQUIPMENT

3-axis position indicator X.Pos 3.2
 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 $\varnothing 1.5$ "
 Coolant system
 Work lamp
 Central lubrication
 Operating tools
 Operator instructions