

### SKU : 362750

This universal milling machine is one of the top models of the UWF series, which is characterized by a large work area, universal milling head and horizontal spindle. The feed in all axes is provided by an electrically switchable servomotor with stepped control. Your milling head can be swiveled on two planes and the horizontal spindle has its own drive with a finely graduated gear shift. With its extensive equipment, this model is perfect for repair shops as well as training and production departments

- Universal cutter head swivels on 2 levels
- Horizontal milling spindle with its own drive
- Swiveling milling table
- Automatic feed in all axes with rapid feed
- Extensive standard equipment

## TECHNICAL SPECS

### WORKING AREA

Table dimensions	52 in x 14 in
Table load capacity (max.)	1100 lbs
Table swivel range r/l	45 deg
Number of T-slots	3 positions
T-slot (width x spacing)	0.71 in x 3.15 in

### TRAVELS

Travel X-axis	29.5 in
Travel Y-axis	11 in
Travel Z-axis	15 in

### MILLING HEAD

Speed range	60 rpm - 1750 rpm
Spindle mount	SK 50 DIN 2080
Swivel angle	360°
Upper beam travel	22 in
Spindle center-to-table distance	7 in - 22 in

### RAPID FEED

Rapid feed X-axis	47.24 in/min
Rapid feed Y-axis	31.5 in/min
Rapid feed Z-axis	23.62 in/min

### HORIZONTAL MILLING SPINDLE

Spindle speed (horizontal)	60 rpm - 1800 rpm
Spindle mount	SK 50 DIN 2080
Throat	15 in - 37 in

### FEED

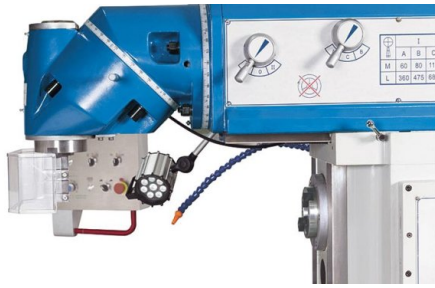
Feed speed X-axis	1.1811 in/min - 29.5275 in/min
Feed speed Y-axis	1 in/min - 20 in/min
Feed speed Z-axis	0.5906 in/min - 14.7638 in/min

### DRIVE CAPACITY

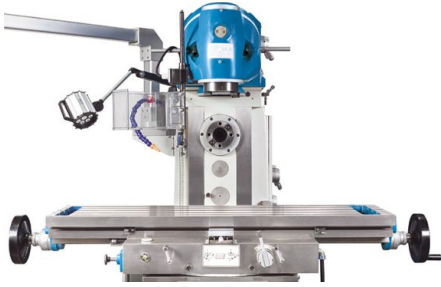
Motor rating horizontal spindle	7.4 Hp
Motor rating vertical spindle	5.4 Hp
Motor rating X axis feed	2 Hp
Motor rating Y axis feed	2 Hp
Motor rating Z axis feed	2 Hp
Motor rating coolant pump	0.1 Hp

### MEASURES AND WEIGHTS

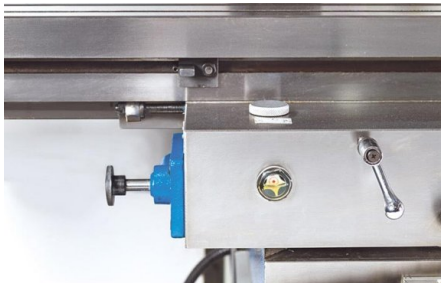
Overall dimensions (length x width x height)	71 in x 83 in x 79 in
Weight	6270 lbs



*Universal cutter head, swivels on 2 levels*



*Powerful horizontal spindle with its own drive*



*Integrated manual central lubrication*



## PRODUCT DETAILS

- Extremely rigid machine bed made of high-strength HT-200 cast-iron with heavy ribbing
- Precision-ground guideways with hardened surfaces for long term accuracy and wear resistance
- Large work area of 52 x 14 inch and up to 1102 lb table load capacity
- Quiet, precision-made headstock gears with hardened and ground gears
- Universal cutter head swivels on 2 planes - quick change-over from horizontal to vertical machining
- By combining both swivel levels, almost any angle can be set
- Powerful servo axis motor enables finely stepped motorised feed in all axes
- The milling table can be swivelled horizontally along the longitudinal axis.
- Telescoping covers on the Y axis protect the feed spindle
- Control panel swings out to either side and features an integrated position indicator
- 7 HP main drive guarantees high torque
- Coolant system and chip tray are included

### 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
- Reducing sleeve ISO 50 / MT4
- Milling arbors (27, 32 mm)
- Outer arbor support for horizontal milling
- Collet chuck ISO 50 incl. collets 3-25mm (8 pieces)
- Coolant system
- Work lamp
- Chip tray
- Draw bar
- Operating tools
- Operator instructions