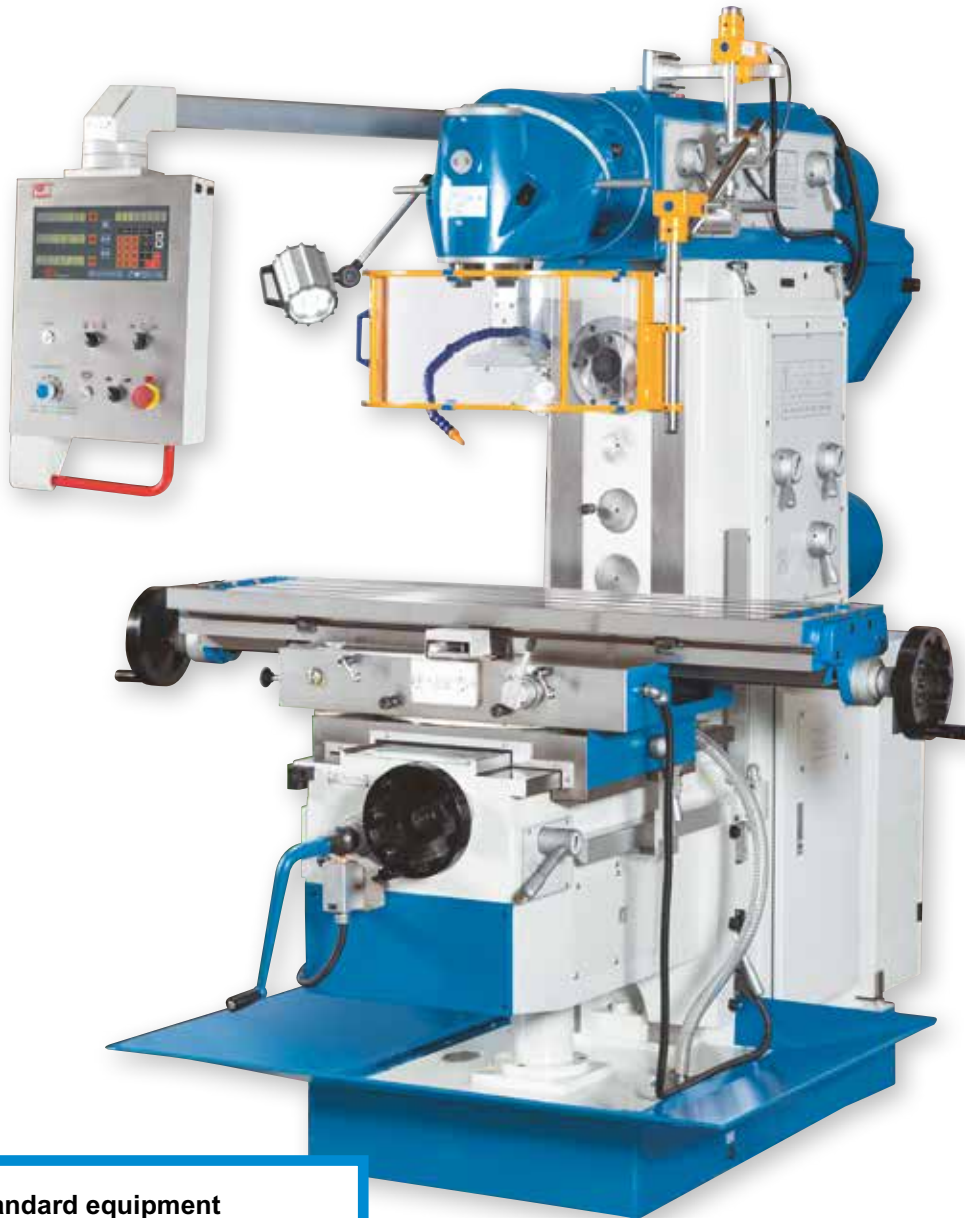


## UWF 5

Rigid knee-and-column milling machine with servo drive feed and universal swivel head



### Extensive standard equipment

- 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



Integrated manual central lubrication



Powerful horizontal spindle with its own drive



Universal cutter head, swivels on 2 planes

## Specifications

## UWF 5

### Working Area

Table dimensions	in	52x14
Table load capacity (max.)	lbs	1,100
Number of T-slots	positions	3
T-slot (width x spacing)	in	0.71x3.15

### Travels

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

### Milling Head

Speed range	rpm	(12) 60 - 1,750
Spindle mount		ISO 50
Swivel angle		360°
Upper beam travel	in	22
Spindle center-to-table distance	in	7 - 22

### Rapid Feed

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

### Horizontal Milling Spindle

Spindle speed (horizontal)	rpm	(12) 60 - 1,800
Spindle mount		ISO 50
Throat	in	15 - 37

### Feed

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

### Drive Capacity

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

### Measures and Weights

Overall dimensions (length x width x height)	in	71x83x79
Weight	lbs	6,283
Part No.		362750

- 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 axis servo-motors allow infinite adjustment of feeds on all 3 axes
- 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

## Standard Equipment

3-axis position indicator, reducing sleeve ISO 50 / MT4, milling arbors (1 in, 1.23 in), outer arbor support for horizontal milling, ISO 50 collet chucks incl. collets up to 0.6 inch (8 pieces), coolant system, work lamp, chip tray, draw bar, operating tools, operator instructions

## Options

Options	Part No.
• Oscillation Element LK 5	103331
• Rotary Table RT 200	125835
• E-UWF 5 spare parts package for 5 years for part no. 362750	259022

For additional options for this machine, visit our website.