

# TW-Mill 5 • 20x35" Universal Milling Machine



## TW-Mill 5 Universal Milling Machine

Featuring heavily ribbed gray cast iron for the column construction, these mills offer maximum static and dynamic stiffness for maximum accuracy. The two large worktables, one column one vertical, each include multiple T-slots allowing for a myriad of work piece positioning options and all of the slideways are hardened and precision ground. All axes are equipped with automatic feeds and rapid feeds. The handle located on right side of head stock controls the quill along 100 mm of travel. The X and Y-axes are dovetail ways and the Z-axis is a box way. The X- and Y-axes feature precision ball screws with Z-axis ball screw type available as an option. The operating control panel is a swivel arm type, for maximum access during operation. The outer arbor supports horizontal milling. These mills automatically feed on X-, Y- and Z-axes with an inverter drive.

### Options installed on this machine:

- Ballscrew on X, Y, Z Axis
- Air-drawbar
- Divider
- 6" Vice



Specifications		
Table dimensions		500x900 mm (19.7-35.5")
Vertical table dimensions		250x1200 mm (9.85-47.25")
T-Slots	Work table	14x63/7 no.
	Vertical table	14x126/3 no.
Max table load		360 kg (794 lb)
Travel X-Axis	Manual	600 mm (23.62")
	Auto	585 mm (23")
Travel Y-Axis	Manual	480 mm (18.9")
	Auto	465 mm (18.3")
Travel Z-Axis	Manual	400 mm (15.75")
	Auto	385 mm (15.15")
Spindle nose		ISO 40
Spindle speed range		40-2000 rpm
Spindle travel		100 mm (4")
Spindle nose to table		58-460 mm (2.3-18.1")
Center to column		165-550 mm (6.5-21.6")
Feed X, Y, Z axes		10-450 mm/min (0.4-17.7"/min)
Rapid feed X, Y, Z		1200 mm/min (47.25")
Motor		3.75 kW (5 Hp)
Table feed (3-axis)		0.75 kW (1 Hp)
Coolant pump		0.09 kW (0.12 Hp)
Dimensions		1500x1800x1950 mm (59x71x77")
Weight		1450 kg (3190 lbs)

### Standard configuration

- 3-axis digital readout
- Reduction sleeves
- Collet chucks, ISO 40
- Leveling pads
- Chip pan
- Coolant system
- Lubrication system
- Work light
- Tool kit
- SK 40 Horizontal milling arbors

**From \$950\*/month!**

\*Based on 60 month lease. Rates subject to change without notice.



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