KAAST

TW-Mill

2 | 5

Universal Knee Milling Machine

3-Axis Digital Readout (DRO) is Included

STANDARD CONFIGURATION

- 3-Axis Digital Readout (DRO)
- Horizontal Milling Arbor
- Leveling Pads
- Chip Pan
- Coolant System
- Lubrication System
- Tool Kit and Work Light

The TW-Mill features **automatic and rapid feeds** on all axes for efficient operation. Its column, made of **heavily ribbed gray cast iron**, provides excellent static and dynamic stiffness. For operator ease, controls are grouped on the right side, and a **quill on vertical spindle** for easy drilling.

TW-Mill			2	5
			12” x 29”	19” x 35”
Table Dimensions (Horizontal)		mm	320x750 (21.5x29”)	500x900 (19.7x35.5”)
Table Dimensions (Vertical)		mm	250x880 (9.8x34.6”)	250x1000 (9.8-47.2”)
T-Slots	Horizonal Table	mm	(5) 14x63 (0.5/2.5”)	(7) 14x63 (0.5/2.5”)
	Vertical Table	mm	(2) 14x126 (0.5/5”)	(3) 14x63 (0.5/2.5”)
Max. Table Load		kg	285 (620 lbs)	360 (790 lbs)
Travels	Longitudinal (X)	mm	400 (15.75”)	600 (23.6”)
	Transverse (Y)	mm	200 (8”)	480 (18.9”)
	Vertical (Z)	mm	380 (15”)	400 (15.75”)
Spindle-Table Distance		mm	65-458 (2.5–18”)	58–460 (2.3–18”)
Spindle Taper			ISO40	ISO40
Speeds		rpm	50-2000	40-2000
Axis Travel: X/Y/Z		mm/min	8-450 (0.31–17.7”/min)	10–450 (0.4–17.7”/min)
Rapid Traverse		mm/min	1000 (39”/min)	1200 (47”/min)
Tailstock Quill Travel		mm	100 (4”)	100 (4”)
Main Drive Motor		kW	2.2 (3 Hp)	3.75 (5 Hp)
Feed Motor		kW	0.35 (1/2 Hp)	0.75 (1 Hp)
Dimensions (L/W/H)		mm	1200x1300x1800 (47x51x71”)	1500x1800x1950 (59x71x77”)
Weight		kg	1180 (2,600 lbs)	1450 (3,200 lbs)
Item No.			**6710032**	**6710033**

*The above specifications are subject to change without prior notice. No liability for printing mistakes. Machine may be shown with optional equipment.