



Universal tool milling machine

T-Mill

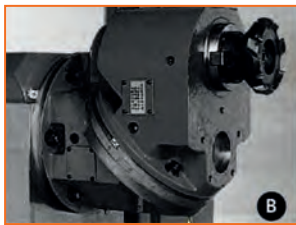
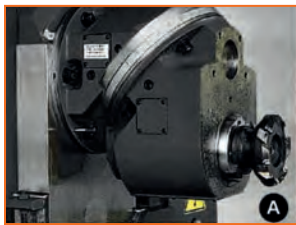
Horizontal and vertical milling. 14x59" to 24x102"

- High-precision universal milling machine for tool making, short production runs and training
- Head swivels in two planes, so that the spindle is pivotable in every spatial angle
- High intrinsic weight with heavily ribbed cast frame allows for extremely high table load capacity
- Infinitely adjustable axis feed rates
- Ground and hardened gears ensure smooth running, even at high spindle speeds



Standard configuration

- Meehanite cast iron for heavy cutting operations
- Automatic lubrication
- Hardened and ground gears are made of CrMo
- Huron design milling head
- Automated milling cycles



3-axis digital readout (DRO) is included

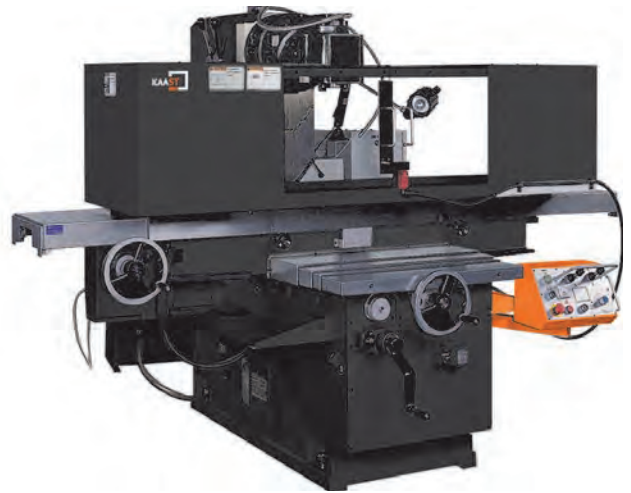


Optional configuration:

- Horizontal milling attachment
- Work light
- Universal indexing head
- Swivel vise, 150 mm (6")
- Helical milling device
- 3-axis digital readout
- Hydraulic tool clamping system
- Electromagnetic spindle brake

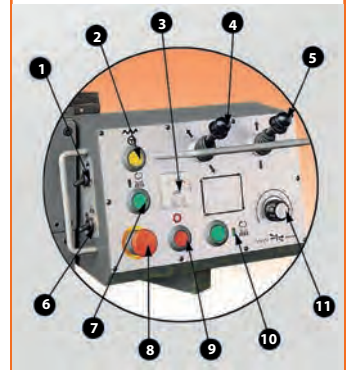
Specifications			T-Mill 1000	T-Mill 1250	T-Mill 1600	T-Mill 2000	
			14" x 59"	16" x 71"	21" x 87"	24" x 102"	
TABLE	Table dimensions (W/L)	mm	360x1500 (14x59")	400x1800 (16x71")	540x2200 (21x87")	600x2600 (24x102")	
	Axis travel: X	mm	1000 (39")	1250 (49")	1600 (63")	2000 (79")	
	Spindle-table distance (horizontal, with retainers)	mm	90-520 (3.5-20")	50-520 (2-20")	50-760 (2-30")		
	Spindle-table distance (vertical)	mm	90-520 (3.5-20")	50-520 (2-20")	50-760 (2-30")		
	Axis travel: Y	mm	540 (21")		710 [opt. 760] (28" [opt. 30"])		
	Feed rate: X/Y		variable				
	Work feed: X/Y	mm/min	16-1200 (0.6-47"/min)				
	Rapid traverse: X/Y	mm/min	2000 (78"/min)				
	T-slots	mm	18x4x80 (0.16x3")			18x6x80 (0.2x3")	
	Max. table load	kg	800 (1,760 lbs)	1000 (2,200 lbs)	1500 (3,300 lbs)		
SPINDLE	Spindle taper		SK 50				
	Speeds	rpm	(12) 40-1750			(8) 120-1500	
TRAVELS	Z-axis travel	mm	430 (17")	470 (18.5")	710 (28")		

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



Control panel

1. Coolant ON/OFF
2. Rapid
3. Utilization display (optional)
4. Longitudinal and cross feed
5. Z-axis feed
6. Spindle jog
7. Clockwise rotation spindle
8. Emergency STOP
9. Spindle STOP
10. Counter-clockwise rotating spindle
11. Feed potentiometer



Specifications			T-Mill 1000	T-Mill 1250	T-Mill 1600	T-Mill 2000
			14" x 59"	16" x 71"	21" x 87"	24" x 102"
TRAVELS	Feed rate: Z		variable			
	Work feed: Z	mm/min	8-450 (0.3-17"/min)			
	Rapid traverse - Z	mm/min	700 (27"/min)			
TRAVELS	Spindle-column distance (vertical)	mm	500 (20")		750 (29.5")	
	Spindle-column distance (horizontal)	mm	500 (20")		750 (29.5")	
MOTOR	Main spindle motor	kW	5.5 (8 Hp)		11 (15 Hp)	
	Feed motor	X	kW	1.5 (2 Hp)	2 (3 Hp)	3.6 (5 Hp)
		Y	kW	1.5 (2 Hp)	2 (3 Hp)	3.6 (5 Hp)
		Z	kW	1.5 (2 Hp)	2 (3 Hp)	3.6 (5 Hp)
DIMENSIONS	Dimensions (L/W/H)	mm	2050x2535x1800 (81x100x71")	3000x2535x1830 (118x100x72")	2850x3060x2700 (112x120x106")	3000x3060x2700 (118x120x106")
	Weight	kg	2900 (6,380 lbs)	3200 (7,040 lbs)	6500 (14,300 lbs)	8100 (17,820 lbs)
Item No.			6710050	6710051	6710052	6710053

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