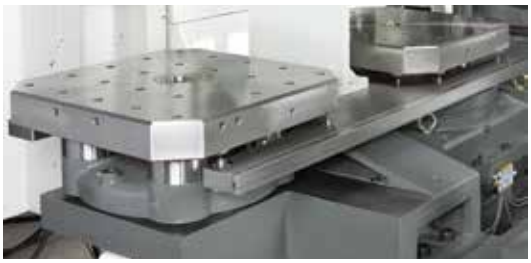
KAAST

H-Mill

2P 5.5 | 2P 5.5 XT

2 Pallet Horizontal Machining Center 23x20x26" to 31x25x31"



The H-Mill series features a **2-pallet automatic changer** for efficient production and precision **linear guideways on the X, Y, and Z-Axes** for accurate movement.

H-Mill			2P 5.5	2P 5.5 XT
			23" x 20" x 26"	31" x 25" x 31"
Number of Pallets		#	2	
Travels	X	mm	610 (23")	800 (31.5")
	Y	mm	510 (20")	650 (25.5")
	Z	mm	680 (26")	800 (31.5")
Min. Resolution: X/Y/Z-Axes		mm	0.001 (0.00004")	
Min. Turning Angle: B-Axis		deg	0.001°	
Table Dimensions (W/L)		mm	500x500 (19.5x19.5")	
Max. Tool Length		mm	300 (11.5")	400 (15.7")
Max. Tool Weight		kg	8 (17 lbs)	20 (44 lbs)
Tool Change Time (T-T)		sec	3	2
Pallet Change Time		sec	10	6.8
Rapid Traverse – X/Y/Z-Axes		m/min	32 (1,250"/min)	48 (1,900"/min)
Cutting Feed Rate		mm/min	1–24000 (0.04–945"/min)	
Number of Tools		#	40 [Opt. 60, 80, 120]	
Spindle Speed		rpm	10,000 [Opt. 12000]	
Main Spindle Motor		kW	15 (20 Hp)	18.5 (25 Hp)
Main Drive Motor	X/Y/Z	kW	4 (5 Hp)	4 (5 Hp)
	B	kW	3 (4 Hp)	7 (10 Hp)
Positioning Accuracy: X/Y/Z-Axes		mm	±0.004 (0.00015")	
Repeatability: X/Y/Z-Axes		mm	±0.003 (0.00012")	
Repeatability: B-Axis		deg	±0.001°	
Dimensions (L/W/H)		mm	3145x2552x3890 (122x99x151")	4920x2290x2560 (194x90x101")
Weight		kg	11100 (24,400 lbs)	16300 (35,800 lbs)
Item No.			6830002	6830007

STANDARD CONFIGURATION

- FANUC 0i-MF Controller
- 40-Tool Magazine
- B-Axis Rotary Table
- Automatic Pallet Changer (2 Pallets)
- Chip Conveyors
- Spindle Oil Cooling
- Automatic Lubrication
- Coolant System
- Complete Enclosure
- Rigid Tapping
- Leveling Pads and Bolts
- Work Light

OPTIONAL CONFIGURATION

- CNC Controller Options
- Glass Linear Scales
- 60/80/120-Tool Magazine
- Tool Measurement
- Workpiece Measurement
- Pallet Pool System
- Through-Spindle Coolant
- 15,000 or 18,000 rpm Spindle Motor

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