KAAST

HMC-F

800 | 1250

CNC Horizontal Machining Center

STANDARD CONFIGURATION

- FANUC 0i-MF Controller
- X/Y/Z Axes Glass Linear Scales
- Spindle Oil Cooling
- Automatic Power Off
- Hydraulic System
- Coolant System
- Automatic Lubrication
- Three-Color Warning Light
- Electrical Handwheel (MPG)
- Electric Cabinet Heat Exchanger
- Chip Conveyor and Chip Cart
- Leveling Pads and Bolts
- Backsplash Guard
- ATC 40 Tools
- Tool Kit and Work Light

FIXED SPINDLE QUILL WITH INDEXING TABLE

The HMC-F has a fixed column and spindle for rigidity and accuracy, with a gearbox-driven spindle, 40-tool magazine, and FANUC 0i-MF control. Rotary table indexing and linear scales ensure precise machining.

X/Z-AXES LINEAR GUIDE WAY & Y-AXIS BOX WAYS

Four linear ways on the base support heavy loads, while Y-Axis box ways ensure stability during heavy cutting. Linear glass scales on all axes provide high positioning accuracy.

OPTIONAL CONFIGURATION

- CNC Controller Options
- Automatic Pallet Changer
- ATC 60 Tools
- Oil Mist Collector
- Various Auxiliary Work Tables
- Electric Cabinet Air Cooler
- Through-Spindle Coolant
- Indexing Table, 0.001°
- Extended 50 mm Spindle Nose

HMC-F			630	800	1250
			25” x 25”	31” x 31”	49” x 49”
Table Dimensions (W/L)		mm	630x630 (25x25”)	800x800 (31x31”)	1250×1250 (49×49”)
T-Slots		mm	22x5 (0.9x0.2”)	22x7 (0.9x0.3”)	
Max. Table Load		kg	2000 (4,400 lbs)	4000 (8,800 lbs)	5000 (11,000 lbs)
Indexing Degree		mm	1°/360		
Travels	X	mm	1500 (59”) [Opt. 1600 (63”)]	2000 (79”)	
	Y	mm	1200 (47”)	1500 (59”) [Opt. 1800 (67”)]	
	Z	mm	1000 (39”) [Opt. 1100 (43”)]	1400 (55”) [Opt. 1600 (63”)]	
Speeds		rpm	4000 [Opt. 6,000]		
Spindle Taper			BT50 / CAT50		
Distance Spindle Center-Table		mm	0-1200 (0-47”)	0-1500 (0-59”) [Opt. 1800 (70”)]	
Spindle-Table Distance		mm	225-1225 (8.8-48”)	220-1620 (9-64”)	370-1770 (14.5-69”)
Floor-Table Height		mm	1110 (44”)	1325 (52”)	1350 (53”)
Number of Tools		#	40 [Opt. 60]		
Main Spindle Motor		kW	11 (15 Hp) [Opt. 15 (20 Hp)]	15 (20 Hp) [Opt. 22 (30 Hp)]	
Servo Motor: X/Y/Z/W/B		kW	3/3/4/3 (4/4/5/4 Hp)	4/4/4/3 (5/5/5/4 Hp)	4/4/4/4 (5/5/5/5 Hp)
Power Requirement		kva	30	45	
Item No.				2630018	2630019

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