

Machine Specification

Features			ACE-HM500	ACE-HM630	ACE-HM800
Travel	X-axis(longitudinal movement of table)	mm	800	1,000	1,250
	Y-axis(head vertical)	mm	650	800	1,000
	Z-axis(column cross)	mm	650	850	1,000
	Distance from spindle center to pallet top	mm	50-700	75-875	75-1,075
	Distance from spindle nose to table center	mm	150-800	150-1,000	200-1,200
Table	Pallet type		24-M16 × P2.0 Tap		
	Indexing degree	deg.	1° {0.001°}		
	Table loading capacity	kg	800	1,200	1,600
	Pallet size	mm	500 × 500	630 × 630	800 × 800
Spindle	Max. spindle speed	rpm	6,000		
	Spindle taper		ISO #50 7/24 Tapper		
	Max. spindle torque	N.m	813.4{999.6}	1,675.8{1,989.4}	
Feedrate	Rapid traverse rate(X,Y,Z)	m/min	24		
	Cutting feedrate	mm/min	1~12,000		
Automatic tool changer	Type of tool shank		MAS 403 BT50 {DIN,CAT}		
	Tool storage capacity		40{60/90/120/180/240}		
	Max. tool diameter	mm	135		
	Max. tool diameter without adjacent tools	mm	250		
	Max. tool length	mm	400	550	
	Max. tool weight	kg	25		
	Max tool moment	N.m	34.3		
	Method of tool selection		Fixed address		
	Tool changing time(tool-to-tool)	sec	2.5		
	Tool changing time(chip-to-chip)	sec	8	8.5	9
Automatic pallet changer	Number of pallets	EA	2		
	Type		Rotary type		
	Pallet change time	sec	14	25	29
	Pallet rotation in loading station		90° Index		
Motor	Spindle drive motor(30 min.)	kW	15{18.5}	22{26}	
	Feed motor(X/Y/Z/B)	kW	3.0/4.0/4.0/1.6	4.0/7.0/7.0/3.0	
Power source	Electrical power supply (Rated capacity)	kVA	43.2	60.7	56.3
	Compressed air supply	MPa	0.54		
Tank capacity	Coolant tank capacity	l	550		
	Lubrication tank capacity	l	4.3		
Machine size	Machine height	mm	2,763	3,041	3,330
	Machine dimensions	mm	5,550 × 3,340	6,485 × 3,857	7,060 × 4,270
	Machine weight	kg	13,500	18,000	20,000

Note : Dimensions in { } are optional.

- Design and specifications subject to change without notice.
- We do not responsible for difference between the information in the catalogue and the actual machine.