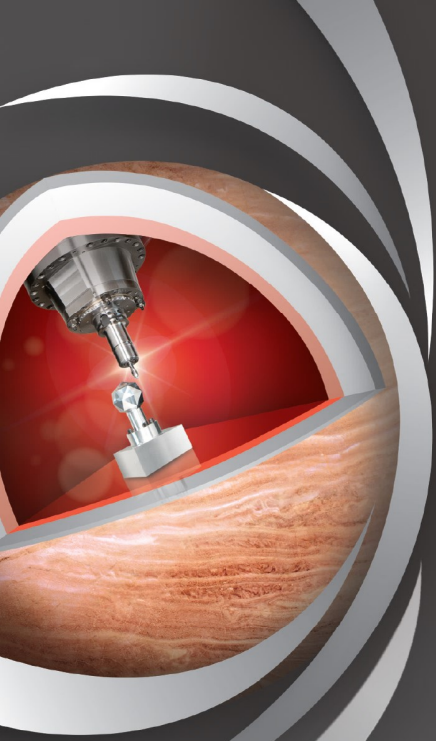




COMPLETE
METALWORKING
SOLUTIONS

(800) 991-4225
www.ahbinc.com
ISO Certified
customerservice@ahbinc.com

21 JUPITER
Machine Tool



HMC SERIES

HORIZONTAL MACHINING CENTERS



HMC-500
SIMPLY UNRIVALED

SPECIFICATION	UNIT	HMC-380		HMC-400	HMC-500
Worktable					
Pallets	count	1		2	2
Pallet Change Type		-		rotary	rotary
Pallet Change Time	s	-		12	11
Dimensions (X x Y)	in	14.96 x 14.96		15.75 x 15.75	19.69 x 19.69
Minimum Index	in	φ 16.5 x 22		φ 19.68 x 23.62	φ 28.35 x 35.43
Max Load	lb	440		880	1,320
Rotary Max Speed	rpm	16.6		20	16.6
Machining Range					
Travel - X Axis	in	19.69		23.62	31.5
Travel - Y Axis	in	16.54		19.69	31.5
Travel - Z Axis	in	14.96	14.17	19.69	31.5
Min Distance from Spindle Nose to Table Surface	in	3.54		3.93	5.88
Spindle					
Taper		CAT-30	CAT-40	CAT-40	CAT-40
Optional Taper		-		HSK-A63	-
Max Speed	rpm	15,000	12,000	12,000	15,000
Optional Max Speed	rpm	-		15,000	-
Max Output Torque	lb-ft			60	
Motor (cont. / 30min)	hp			11/15	25 / 29.5
Drive Type		Direct	Built-in	Built-in	Built-in
Traverse					
Guideway Type		Linear Roller		Linear Roller	Linear Roller
X / Y / Z Rapid Traverse	ipm	1,890		2,362	2,362
Cutting Feed Rate	ipm	787		787	787
Tool Magazine					
Type		Arm		Arm	Arm
Capacity	tools	20	16	32	40
Optional Capacity	tools	-	-	40 60	60
Max Tool Length	in	7.87	7.87	11.81	11.81
Max Tool Diameter (w/ adj)	in	2.17	2.99	2.95	3.74
Max Tool Diameter (w/o adj)	in	3.94	4.72	4.92	7.87
Max Tool Weight	lb	6.6	15.4	15.4	24.2
Changing Time	s,T-T	1.5	2	2.5	1.5
General					
Power Supply	KVA	10	15	40	45
Overall Dimensions (L x W x H)	in	59 x 98 x 96		140 x 95 x 108	122 x 240 x 118
Weight	lb	7,700		12,100	29,700
CNC System		Fanuc Oi-MF		Fanuc Oi-MF	Fanuc Oi-MF
Positioning Accuracy	in / ft	0.000157		0.000157	0.000157
Repeatability	in	± 0.000118		± 0.000118	± 0.000118



VMC



5-Axis Gantry VMC



Tapping Center



HMC



Lathe



Bridge Mill

Jupiter Machine Tool, Inc.

1382 Enterprise Avenue
 Galesburg, Illinois, USA 61401
 Tel: +1-309-342-9342
 contact@jupitermt.com
 https://www.jupitermt.com

Not all models available in all markets. All specifications subject to change without notice.
 Contact your local Jupiter Machine Tool representative for up-to-date information.

4 JUPITER
 Machine Tool