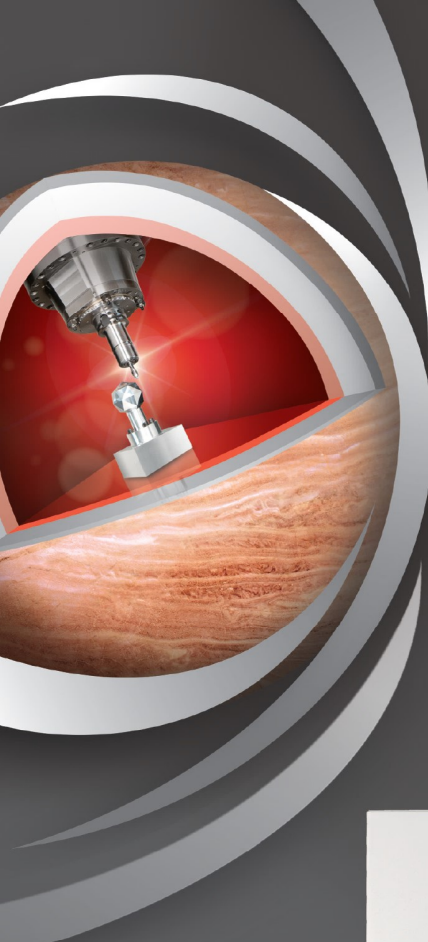




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2 JUPITER
Machine Tool



TAPPING SERIES

TAPPING & MILLING CENTERS



2 JUPITER
Machine Tool
JTC-2015

JTC-2015

SIMPLY UNRIVALED

SPECIFICATION	UNIT	JTC-2015	JTC-2016	JTC-2016T	JTC-2816
Worktable					
Dimensions (X x Y)	in	25.59 x 14.96	25.59 x 15.75	26.77 x 15.75	33.46 x 15.75
Table Count	count	1	1	2	1
Max Load	lb	440	660	330 x 2	660
T-Slot Number		3	3	3	3
T-Slot Distance / Width	mm	100 / 18	100 / 18	100 / 18	100 / 18
Machining Range					
Travel - X Axis	in	19.69	19.69	19.69	27.56
Travel - Y Axis	in	14.96	15.75	15.75	15.75
Travel - Z Axis	in	15.75	11.81	13.78	15.75
Spindle Nose to Table	in	5.91 to 21.65	5.90 to 17.72	7.09 to 20.87	5.91 to 21.65
Spindle Center to Z Axis Rail	in	16.93	16.81	19.09	16.81
Spindle					
Taper		BT-30	BT-30	BT-30	BT-30
Motor (cont. / 30 min)	hp	5 / 7.5	5 / 7.5	5 / 7.5	5 / 7.5
Speed	rpm	15,000	15,000	15,000	15,000
Optional Speeds	rpm	20,000	20,000	20,000	20,000
Drive Type		Direct	Direct	Direct	Direct
Traverse					
Guideway Type		Linear Roller	Linear Roller	Linear Roller	Linear Roller
X / Y / Z Rapid Traverse	ipm	1,890	1,890	2,362	1,890
Cutting Feed Rate	ipm	394	394	394	394
Ballscrew Diameter & Pitch	mm	D32 x P16	D32 x P16	D32 x P16	D32 x P16
Tool Magazine					
Type		Arm	Disc	Arm	Arm
Capacity	tools	20	16	24	20
Max Tool Length	in	7.87	9.84	7.87	7.87
Max Tool Diameter (w/ adj)	in	2.36	2.36	2.48	2.36
Max Tool Diameter (w/o adj)	in	3.94	3.15	5.12	3.94
Max Tool Weight	lb	6.6	6.6	6.6	6.6
General					
Power Supply	KVA	9	9	9	9
Overall Dimensions (L x W x H)	in	64 x 85 x 93	60 x 94 x 93	63 x 106 x 108	83 x 94 x 93
Weight	lb	6,160	5,500	8,800	6,820
CNC System		0i-MF	0i-MF	0i-MF	0i-MF
Positioning Accuracy	in / ft	0.000157	0.000157	0.000157	0.000157
Repeatability	in	± 0.000118	± 0.000118	± 0.000118	± 0.000118



VMC



5-Axis Gantry VMC



Tapping Center



HMC



Lathe



Bridge Mill

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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.

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