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21 JUPITER
Machine Tool



VMG SERIES

VERTICAL MILLING GANTRY



VMG-5979

SIMPLY UNRIVALED

SPECIFICATION	UNIT	VMG-5979	VMG-7979	VMG-9879	VMG-11879
Worktable					
Dimensions (X x Y)	in	64.57 x 84.25	84.25 x 84.25	103.94 x 84.25	123.62 x 84.25
Max Load	lb	8,800			
T-Slot Number		18H9			
Pitch / T-Slot Width	mm	125 / 13			
Machining Range					
Travel - X Axis	in	59.06	78.74	98.43	118.11
Travel - Y Axis	in	78.74			
Travel - Z Axis	in	31.50			
A Axis	deg	+ 95 ~ -120			
C Axis	deg	± 185			
Spindle Nose to Table	in	1.97 to 33.46			
A Axis					
Tilt Angle	deg	+ 95 ~ - 20			
Rapid Tilt Feed	deg / s	100			
Max Tilt Torque	lb ft	369			
Clamping Torque	lb ft	1,106			
C Axis					
Rotation Angle	deg	± 185			
Rapid Rotation Feed	deg / s	180			
Max Rotation Torque	lb ft	369			
Clamping Torque	lb ft	1,475			
Spindle					
Taper		HSK-A63			
Motor	hp	37.5			
Speed	rpm	18,000			
Torque S1 / S6	lb ft	46 / 61			
Drive Type		Built-in			
Traverse					
Guideway Type		Roller			
X / Y / Z Rapid Traverse	ipm	1,575			
Cutting Feed Rate	ipm	787			
Tool Magazine					
Type		Drum			
Capacity	tools	24			
Max Tool Length	in	11.81			
Max Tool Diameter (w/ adj)	in	3.15			
Max Tool Diameter (w/o adj)	in	4.72			
Max Tool Weight	lb	13.2			
General					
Power Supply	KVA	40			
Overall Dimensions (L x W x H)	in	211 x 128 x 130			
Weight	lb	55,000			
CNC System		Fanuc 31i Heidenhain TNC-640 Siemens 840D SL			



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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