VMC SERIES

BOX WAY BRILLIANCE

Jupiter's box way VMCs are built from the casting on up to effortlessly tackle the toughest metal machining applications. Unsurpassed rigidity, endless torque, and never-say-die reliability guarantee you're making great parts year after year!



PRECISION

Hold a tenth all day, day after day. From the casting on up your Jupiter VMC is designed to maximize precision, accuracy, and repeatability.



RELIABILITY

You deserve a machine you can depend on to churn out excellent parts year after year. Jupiter's entire supply chain is built with top quality and worry-free reliability



MODULARITY

Prefer Fanuc, Siemens, or Mitsubishi? We can do that. Need a 4th or 5th axis added? Not a problem. Pallet changer? Now you're talking! We'll get it done, just



SUPPORT

Enjoy 24/7 expert support at a moment's notice through Jupiter's unique Thunderbolt Service smartglasses system included with every machine.





TOOLING & MACHINERY

COMPLETE METALWORKING SOLUTIONS

(800) 991-4225 ISO Certified

www.ahbinc.com

customerservice@ahbinc.com



PITER MODEL	Unit	VMC-4020B	VMC-4328B	VMC-6332B	VMC-7132B	VMC-8030B
Style		3-Axis VMC	3-Axis VMC	3-Axis VMC	3-Axis VMC	3-Axis VMC
X Axis	in	39.76	43.31	62.99	70.87	79.92
Y Axis	in	19.69	27.56	31.50	31.50	29.92
Z Axis	in	20.47	23.62	31.50	31.50	29.92
Guideway Type		Rulon Box	Rulon Box	Rulon Box	Rulon Box	Rulon Box
Rapid Traverse - X	ipm	945	787	591	591	591
Rapid Traverse - Y	ipm	945	787	591	591	591
Rapid Traverse - Z	ipm	945	787	472	472	472
Table Width	in	47.24	47.24	66.93	78.74	80.71
Table Depth	in	17.72	27.56	31.50	31.50	30.00
Table Max Load	lb	1,320	1,760	4,400	4,840	5,300
Drive Type		Belt	Belt	Gear	Gear	Gear
Taper		CAT-40	CAT-40	CAT-50	CAT-50	CAT-50
Motor Cont. / 30 Min	hp	10 / 15	10 / 15	25 / 30	25 / 30	25 / 30
Speed	rpm	10,000	10,000	8,000	8,000	8,000
Optional Speeds	rpm	12,000	12,000	CAT-40 @ 10,000	CAT-40 @ 10,000	CAT-40 @ 10,000
Туре		Arm	Arm	Arm	Arm	Arm
Slots		24	24	24	24	24
Weight	lb	11,900	20,500	30,800	33,000	35,500
Machine W x D x H	in	106 x 103 x 104	128 <u>x 101 x 115</u>	173 x 132 x 119	197 x 132 x 119	210 x 132 x 119
	Style X Axis Y Axis Z Axis Guideway Type Rapid Traverse - X Rapid Traverse - Y Rapid Traverse - Z Table Width Table Depth Table Max Load Drive Type Taper Motor Cont. / 30 Min Speed Optional Speeds Type Slots Weight	Style X Axis in Y Axis in Z Axis in Guideway Type Rapid Traverse - X ipm Rapid Traverse - Y ipm Rapid Traverse - Z ipm Table Width in Table Depth in Table Max Load Ib Drive Type Taper Motor Cont. / 30 Min hp Speed rpm Optional Speeds rpm Type Slots Weight Ib	Style 3-Axis VMC X Axis in 39.76 Y Axis in 19.69 Z Axis in 20.47 Guideway Type Rulon Box Rapid Traverse - X ipm 945 Rapid Traverse - Y ipm 945 Rapid Traverse - Z ipm 945 Table Width in 47.24 Table Depth in 17.72 Table Max Load lb 1,320 Drive Type Belt Taper CAT-40 Motor Cont. / 30 Min hp 10 / 15 Speed rpm 10,000 Optional Speeds rpm 12,000 Type Arm Slots 24 Weight lb 11,900	Style 3-Axis VMC 3-Axis VMC X Axis in 39.76 43.31 Y Axis in 19.69 27.56 Z Axis in 20.47 23.62 Guideway Type Rulon Box Rulon Box Rapid Traverse - X ipm 945 787 Rapid Traverse - Y ipm 945 787 Rapid Traverse - Z ipm 945 787 Table Width in 47.24 47.24 Table Depth in 17.72 27.56 Table Max Load Ib 1,320 1,760 Drive Type Belt Belt Taper CAT-40 CAT-40 Motor Cont. / 30 Min hp 10 / 15 10 / 15 Speed rpm 10,000 10,000 Optional Speeds rpm 12,000 12,000 Type Arm Arm Slots 24 24<	Style 3-Axis VMC 3-Axis VMC 3-Axis VMC X Axis in 39.76 43.31 62.99 Y Axis in 19.69 27.56 31.50 Z Axis in 20.47 23.62 31.50 Guideway Type Rulon Box Rulon Box Rulon Box Rapid Traverse - X ipm 945 787 591 Rapid Traverse - Y ipm 945 787 591 Rapid Traverse - Z ipm 945 787 472 Table Width in 47.24 47.24 66.93 Table Width in 17.72 27.56 31.50 Table Max Load lb 1,320 1,760 4,400 Drive Type Belt Belt Gear Taper CAT-40 CAT-40 CAT-50 Motor Cont. / 30 Min hp 10 / 15 10 / 15 25 / 30 Speed rpm 10,000 10,000 </th <th>Style 3-Axis VMC 3-50 31.50 <</th>	Style 3-Axis VMC 3-50 31.50 <



Optional Parallel Pallet Changer

Dramatically increase the productivity of your Rulon-coated box way VMC with our parallel-style automatic pallet changers. Easily switch between different workholding arrangements as production requirements change without having to teardown your setups.

Jupiter Machine Tool Headquarters



Visit our R&D center and showroom to see your next machine in action and experience our advanced manufacturing technology first-hand!

Thunderbolt Service System



Jupiter's team of CNC experts are available at a moment's notice 24 hours a day, 365 days a year via our Thunderbolt Service system utilizing industry-leading wearable technology.

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