

AHB

TOOLING & MACHINERY

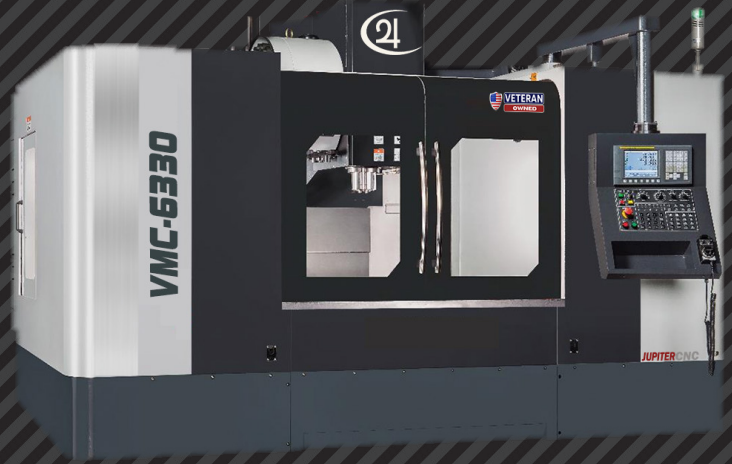
COMPLETE METALWORKING SOLUTIONS

(800) 991-4225

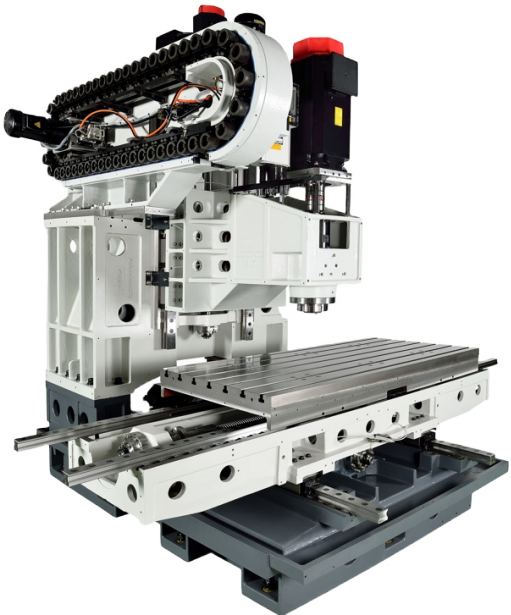
www.ahbinc.com

ISO Certified

customerservice@ahbinc.com



VERTICAL MACHINING CENTER



JUPITERCNC

VMC-5230/VMC-6330 SERIES

Jupiter guarantees best-in-class volumetric accuracy on it's VMC product line. We ballbar every machine to a circularity of .008mm (.0003") or less in all 3 planes and provide documented results. It's not some "black art" to provide this level of accuracy; we simply take pride in using higher quality components and embrace the extra effort to fine tune those compenents to provide the highest performance available at an attainable cost.



VETERAN

OWNED

SPECIFICATION	5230	6330
WORKING RANGE		
Travel X/Y/Z	51.2" / 29.6" / 29.6"	63.0" / 29.6" / 29.6"
Spindle nose to table face	3.9" - 33.5"	
Table size	57.1" x 27.6"	68.9" x 27.6"
Table load capacity	3,300 lbs.	3,960 lbs.
T-slot width / quantity / pitch	18mm / 7 / 100mm	
MAIN SPINDLE		
Spindle interface	Big Plus CT-40 (STD) / Big Plus CT-50 (OPT)	
Spindle speed	12k rpm DDS (STD) / 8k rpm DDS Hi-Tq (CT-50 OPT) / 15k rpm DDS (OPT)	
Spindle power	44hp-141 ftlb / 35hp-261 ft (OPT) / 44hp-141 ftlb (OPT)	
Lubrication	Grease / Grease / Grease	
Cooling	Spindle Oil Chiller	
FEED DRIVE		
Force X/Y/Z	9,940 lbf / 9,940 lbf / 18,363 lbf	
Rapid rate X/Y/Z	1,181 ipm / 1,181 ipm / 1,181 ipm	
Linear roller guide X/Y/Z	#45 / #55 / #55	
Linear carriage X/Y/Z	6 / 4 / 6	8 / 4 / 6
Ball screw X/Y/Z (C2 dual nut)	50mm / 50mm / 50mm	
AUTOMATIC TOOL CHANGER		
Type	Side-mount / random, shortest distance	
Capacity	32 (STD) / 30 (CT-50) / 48 (OPT) / 60 (OPT CT-40)	
Max tool dia, w/empty pocket	2.95" / 5.9" (2.95" / 5.0" OPT)	
Max tool length / weight	11.81" / 15.4 lbs	
Chip to chip time	4.5s	
ACCURACY		
Positioning	.00019" / .005mm	
Repeatability	.00015" / .004mm	
Straightness	.00023" / .006mm	
Squareness	.00023" / .006mm	
COOLANT		
Tank / pump capacities	158 gal / 26g min	211 gal / 26g min
DIMENSIONS		
Floor space W x D x H	150" / 140" / 127.2"	176" / 140" / 127.2"
Weight	24,200 lbs	26,400 lbs
CONNECTIONS		
Power requirements	220V / 3ph / 34 kVA	
Pneumatic	90 psi min	



When Good Enough, ISN'T.



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