



135 VNC

B&K Motch Single Spindle Vertical Chucker

SINGLE SPINDLE VERTICAL CHUCKER

STANDARD MACHINE SPECIFICATIONS

The Bourn & Koch Motch 135 VNC is a 35" swing diameter vertical chucker, with a GE Fanuc 16i control for the chucking and vertical machining of a wide range of cylindrical components in single or multiple piece production runs.

Technical Data - Capacities & Limits	
Swing diameter	35"
Spindle Nose	A2-15
Spindle Speed Range (RPM)	100-1000
Maximum number of tools	12
X axis slide travel (work area)	28"
Y axis slide travel (load area)	
Z axis slide travel	24"
Feed rate X & Z (ipm)	0-125"
No. of turret stations	6
HP	75
Height* (Approximate)	
Length (Approximate)	
Width (Approximate)	
Weight (Approximate Net)	28500 lbs

*Maximum height 91"

Technical details subject to change without notice.

Actual machine W-H-L and Weight depend on ordered configuration. Technical data is subject to change without notice and may vary according to the workpiece geometry and options supplied. Workholding equipment supplied.





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Standard Equipment	
Description	
Base machine with GE 21iT CNC Control, swiveling pendant	
4 or 6 station hex turret	
Precision spindle, American Std flange nose	
Coolant distribution for turret and chip flush	
Spindle load meter	
6" hydraulic chuck actuator with drawbar	
ID/OD chuck clamping, presettable pressure	
Automatic powered door, dual push button control	
Totally enclosed chip and splash guards	
Work light	
Sealed electric cabinet with safety interlock and fans	
3 phase, 60 Hz, 460 volts	
Willy Vogel centralized lube system with safety interlocks	
Absolute encodes to retain position during power failure	
Leveling screws	
Paint: Sherwin Williams Swiss Dotted Off-White	
Documentation	
Manufactured in USA	
Standard Equipment Total (\$):	

Optional Equipment	
Description	Price (\$)
Power operated elevating chip conveyor, rear 42" discharge	
Magnetic chip conveyor	
Rosedale bag for fine filtration	
Low level coolant switch	
Oil skimmer	
"X" axis linear scale in lieu of encoder	
"Z" axis linear scale in lieu of encoder	
Foot pedal for chuck open/close	
Spindle orient package	
150 - 1500 RPM Main Spindle Speed Range	
AC for Electrical Enclosure in lieu of standard heat exchanger	
Contact Making Spindle Load Meter, pre-settable via "M" Code	
Stack light	
Mist/Dust Collector, stand-alone	
6" diameter manifold for customer supplied mist collector	
Two speed gear box for bevel spindle drive	
Spiral Bevel Gear Spindle Drive	
Tool probe, column mounted	
Turret mounted part probe	
6" additional "Z" axis stroke extension	
12" additional "Z" axis stroke extension	
6" column riser to increase vertical clearance	
12" column riser to increase vertical clearance	
Steel telescopic way guards for "X" axis	
Set of leveling plates and anchor bolts	
Warranty extension to second year	
Working options	
GE Fanuc 21iT CNC control options	
Turret tooling options	
Quick change tooling options	
Transformer for 3 phase, 50 Hz, 220/380/415/500 volts	
Training	
Optional Equipment Total (\$):	

Total Cost:	
Standard Equipment Total (\$):	
Optional Equipment Total (\$):	
TOTAL (\$):	

Submit a
QUICK QUOTE Request



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