

Hello,

We are very pleased to present the following machine for your review and approval:

## 2014 Mazak NEXUS HCN 8800 II

### HORIZONTAL MACHINE CENTER

Pallet Size: 31.5" x 31.5"  
Number Of Pallets: 2  
Pallet Weight Capacity: 4850 LBS.  
Pallet Surface to Spindle Center: 3.94" ~ 35.43"  
Pallet Center To Spindle Gage Line: 5.91" ~ 37.4"  
Workpiece Dimensions: 57.09" D x 57.09" H  
X - Axis Travel: 55.12"  
Y - Axis Travel: 47.24"  
Z - Axis Travel: 52.1"  
B - Axis Travel: .001° NC ROTARY  
Rapid Traverse Rates X, Y, Z: 2362 IPM  
Cutting Feed Rate: 2362 IPM  
Spindle Speed: 16,000 RPM  
Spindle Taper: HSK 100  
Number Of Ranges: 2  
Main Motor: 50 HP  
Automatic Tool Changer: 240 ATC  
Tool Diameter: 4.92", 9.84"  
Tool Length: 24.8"  
Tool Weight: 66 LBS.  
Tool Change Time: 5.0 SEC.  
Machine Weight: 66,138 LBS.

#### -EQUIPPED WITH-

19" COLOR LCD, EIA/ISO CODE INPUT FUNCTION, USB I/F 2 PORTS, CARDBUS I/F 2-SLOT, LAN PORT  
SYNCHRONIZED TAPPING, G00 SLOPE CONSTANT, ADDITIONAL WORKPIECE CO-ORDINATE SYSTEM  
INCH/METRIC CONVERSION, TBR AND MMS IN EIA/ISO PROGRAMMING MACRO  
SPINDLE MULTI POINT ORIENT (M-CODE/DEG), AUTO TOOL LENGTH MEASUREMENT AND TOOL BREAKAGE DETECTION  
ABSOLUTE POSITIONING SYSTEM, MANUAL PULSE GENERATOR, NIAGARA COOLANT SPINDLE CHILLER UNIT  
COOLERS FOR BALLSCREWS XYZ, PMC (W/NEW CELL CONTROLLER) PREP B, AUTO POWER OFF, RELOCATION DEVICE  
MT CONNECT PREP, ALL MANUALS, MAZATROL MATRIX 2 CNC CONTROL, N/C ROTARY TABLE (360,000 POSITIONS)  
PREPARED FOR SUPER FLOW, 1000 PSI HSK 100 SPINDLE, MAZACC 2 D SOFTWARE SHAPE COMP G-84.21 G84.3  
HIGH SMOOTHING CONTROL, MAZACC 3D HIGH SPEED MACHING SOFTWARE G61.1 & G05P2  
PREPARED FOR MMS-B OPTICAL TYPE OMP60, PREPARED FOR VISUAL TOOL ID, ADDITIONAL 300 WORK COORDINATES  
MAZAK SUPER FLOW T8 HIGH PRESSURE COOLANT 1000 PSI / 8 GPM, (4) ADDITIONAL PALLETS

PRICE.....\$349,000

Best Regards,

Mike Heim - Sales Manager



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