Hello,

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

2016 MAZAK HCN NEXUS 4000-III

4-Axis Horizontal Machining Center



Stroke:
X Axis stroke (column travel right/left) 22.0"
Y Axis stroke spindle head travel up/down 25.2"
Z Axis stroke (pallet forward/backward) 25.2"
Distance from pallet center to spindle nose 2.8"-28.0"
Table indexing time 1.3 sec each 90 deg
Spindle:
Max. Spindle speed 18,000 RPM
Spindle bearing size 70mm
Feedrate:
Rapid traverse rate (X,Y,Z Axes) limited w/cont. axis mov. 2,362 IPM
Axis acceleration/deceleration 1G
Automatic Tool Changer:
Tool storage capacity 60 Tools - 40 Taper
Max. Tool diameter/length (from gauge line)/weight 6.7"
Tool selection method (Random selection @) Shortest path
Tool change time (chip to chip) 2.4 sec.
Motors:
Spindle motor 25/23 HP
Flood coolant pump motor 50/60 HZ
Machine size 87"x207"x106.8"H
Machine weight 23,584 lbs

-EQUIPPED WITH-

Mazatrol Matrix Nexus 2 CNC Control, Flood Coolant System, Work Light, One set of Adjusting Tools
Foundation kit (Block, Fixture), Mazak Standard Color (F Whites/s Black)
The safety Measures on worldwide level, Y Axis Travel 25.20" & 2 Pallet changer
19" Color LCD (Touch Screen), Power Transformer for other Markets
Main Spindle Motor AC 18.5 Kw (25 HP), Spindle Chiller Unit, Absolute Positioning System
Standard Tap Pallet (w/o Edge Locators), Safety cover for 2 Pallet Changer
Coolers for Ball Screw (X,Y,Z-Axis), Roller Guides
Air Through Spindle Systems (Spndl Stop), Niagara Coolant (Recommended Equipment)
Operator Door Interlock with Lock-Switch, Auto Power on/off + Warm-up
ATC & APC Auto Recovery, Tool ID Magazine Panel (Touch panel)
Enclosed Coolant & Splash Cover, Prep. for Chip Conveyor Rear (Consep-1)
Smooth Standard Software, User macro (Common variables; 600 pairs)
Mazak Tapping/Boring Tornado (Mazatrol & EIA/ISO)
EIA/ISO Code Input Function (Standard), Add. EIA/ISO Functions (Re.IEA/ISO)
Inverse Time Feed, G37.Automatic Tool-length Measurement
Sequence number comparison Stop Function
Background Tool Path Check, Add. Workpiece Coordinate Sys. 300-Pairs
Thread Cutting Function, EIA Pattern Cycle (Grid, ARC)
USB I/F (1-Port), Lan Port, Accuracy Inspection
Relocation Detector & Additional Reinforcement for transport
OPTIONAL EQUIPMENT:
Auto Tool length measure. & Break Detector
Manual pulse generator (wired/detachable), Hi-Press Coolant thru sys (15KG (213 PSI))
Chip Conveyor , (CONSEP-1) N/A6PC
B)Synchronized Tapping & B) Cylindrical Interpolation (RQR.NCRT)
Signal Tower (3 Colors lights, Square), 60 Tool Drum magazine (Random Memory)
Spindle Speed 18,000 RPM (Random memory) & NC Rotary Table (360,000 Positions)
*Only cut aluminum, excellent condition, ball bar report available

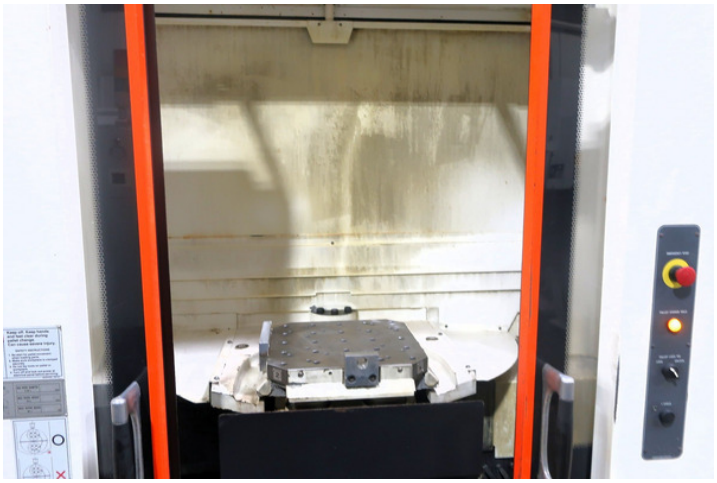
PRICE.....$119,900

Best Regards,

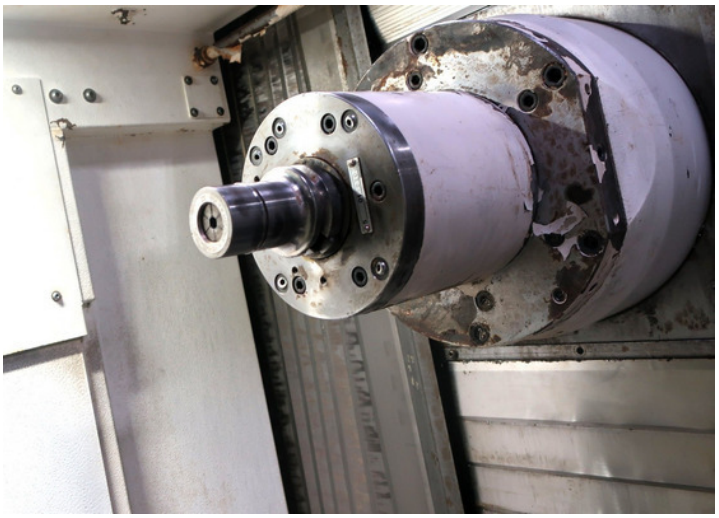
Mike Heim - Sales Manager

Two Spade Machinery LLC
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Email: mike@2spade.com










MAZATROL matrix nexus 2


ALARM MESSAGE
DATE TIME TYPE
POWER ON 6:16'33"
AUTO OPE. 32121:03'47"
AUTO CUT. 31820:31'35"
TOTAL CUT. 22251:55'51"
TOTAL TIME 33904:15'02"



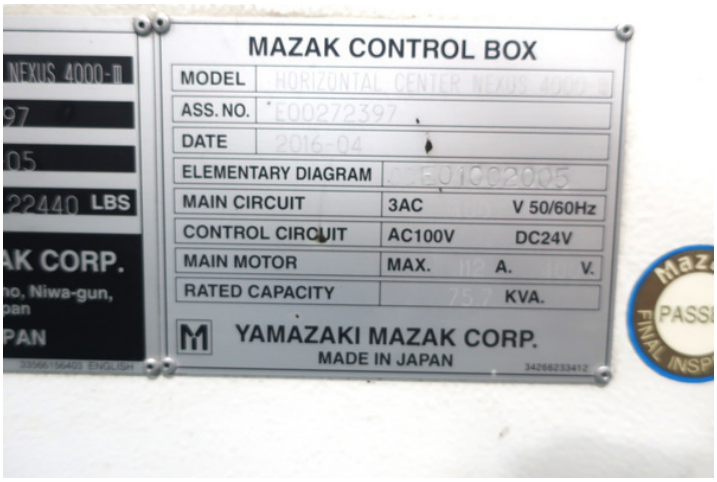



ConSep


Maza


MAZATROL matrix nexus 2


Mazak
50 END MILL 10.
52 END MILL 10.
TOOL SELECT
AUTO
MANUAL
EMERGENCY STOP
FORWARD
REVERSE
WARNING


MAZAK CONTROL BOX
MODEL
ASS. NO.
DATE
ELEMENTARY DIAGRAM
MAIN CIRCUIT
3AC
V 50/60Hz
CONTROL CIRCUIT
AC100V
DC24V
MAIN MOTOR
MAX.
A.
V.
RATED CAPACITY
KVA.
YAMAZAKI MAZAK CORP.
MADE IN JAPAN


MODEL
HORIZONTAL CENTER NEXUS 4000-II
SER. NO.
272397
DATE
2016-05
WEIGHT
10200 kg
22440 LBS
YAMAZAKI MAZAK CORP.
Takeda 1-131, Oguchi-cho, Niwa-gun,
Aichi-Pref., 480-0197 Japan
MADE IN JAPAN


Mazak
INTELLIGENT
HIGH SPEED
HIGH ACCURACY
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