

# Q U O T A T I O N

We submit the following quotation subject to prior sale and conditions stated below  
To be used as a guide, purchaser to verify

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<b>Date:</b> <b>Mr.</b>  <b>Tel:</b> <b>Fax:</b>	<b>Progressive Machinery, Inc.</b> 11734 W. Park Place Milwaukee, WI 53224  Tel (414) 577-3200 • Fax (414) 577-3201 E-mail: tom.t@progressivemachinerywi.com	
<b>Message:</b>		

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Niigata HN80C CNC Horizontal Machining Center with Pallets      Serial Number #46250005	1993
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**Control:**.....FANUC15MA CNC

**Specifications:**

Travels  
X-Axis.....**60.2"**  
Y-Axis.....**48.0"**  
Z-Axis.....**44.9"**  
Pallet Size.....31.5" x 31.5"  
Number of Pallets / Max Pallet Load.....2 / 3,310 lbs.  
Taper.....50 Taper  
Pallet Top to Spindle Center.....0 – 48"  
Pallet Center to Spindle Nose.....7.9" – 52"  
Max part Swing Diameter / with Pallet Door open.....68.9" / 78"  
Rapid Traverse Rate.....709 IPM X,Y,Z  
Table Indexing......001 Degree  
Spindle Drive Motor.....40 HP A.C.  
Spindle Speeds.....6,000  
Auto Tool Change Capacity.....240 ATC  
Max Tool Length / Diameter / Weight.....21.7" / 4.7" – 9.1" / 66 lbs.  
Machine Weight.....44,600 lbs.

**Equipped with:**

- FANUC 15 MA CNC Control
- Extended Memory
- .001 4- Axis Rotary Table
- Rigid Tapping
- Coolant Thru the Spindle 230 PSI
- MarPoss Probe
- Expanded Work and Tool Offsets
- Circular Interpolation
- Tool Life Management
- Adaptive Control
- Multiple M-Code Input
- Chip Augers
- Chip Bucket
- Coolant Flush
- All Available Manuals

**Total Investment .....\$218,750.00**

**TERMS AND CONDITIONS OF SALE**

Unless otherwise arranged, 10% cash (non-refundable) with order, balance prior to shipment of machine. Title does not pass until machine has been paid for in full. There are no warranties by Progressive Machinery Inc. as to compliance with any requirements of Federal, State and Local laws and industrial codes, including, without limitation, the Occupational Safety and Health Act of 1970 and all amendments thereto. It is the buyer's duty to inspect all machinery, to provide proper safety devices and equipment or means that may be necessary to safeguard the operator from harm and to safeguard each machine and equipment to meet all government standards, including the Occupational Safety and Health Act of 1970. Specifications are approximate, not binding and meant as a guide only. We reserve the right to correct typographical errors. It is the purchaser's responsibility to verify specifications and dimensions. All machines offered subject to prior sale and for acceptance within ten days from date of quotation. Prices subject to change without notice. Orders are not subject to cancellation except by written mutual consent. All equipment sold "AS IS" with no guarantees expressed or implied. It is further understood and agreed this buyer or subsequent buyers will hold vendor harmless for causes of action whatsoever. This agreement constitutes the entire contract of sale of the goods named herein. No modification of this contract shall be binding upon Seller unless in writing and signed by an authorized officer of Seller.