

A quotation from

MADISON TOOL, INCORPORATED



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Madison Tool, Inc. is pleased to offer the following for your consideration:

**One (1) Preowned Okuma MacTurn 350W-2S/1500 Multifunction
CNC Turning Center** New Approximately 2004 — Full specifications available on request

General Specifications:

Swing Over Saddle	21.65"
X Axis Travel	65.75"
Z Axis Travel	19.88"
Y Axis Travel (H1 Turret)	7.48"
Main Spindle Bar Capacity	2.75"
Number of Tools (H1 Turret)	120 ATC, HSK-A63
Number of Tools, Lower Turret	Twelve (12), VDI
Spindle Speeds (Main & Sub)	5000 RPM Max
Rotary Tools (H1 Milling)	6000 RPM Max

Approximate Weight of Machine 32,000 Lbs.

Equipped With:

- Okuma OSP-E100L CNC Controller
- Fanuc M16iT (6-Axis) Robot w/ 6.7 Meter Rail Travel
- Microcentric Collet System (Left Headstock)
- 10" 3 Jaw Chuck, Quick change jaws (Right headstock)
- Set-up for Renishaw In-Process work gauging
- A2-8 Big Bore on Main Spindle
- A2-6 Big Bore on Subspindle
- Barfeed Interface
- LNS Quick-Load Servo S3 Barfeed (1/4 ~ 4 3/4" Cap.)
- Side-Discharge Chip Conveyor
- Custom Parts Catcher with External Part Conveyor
- 200 PSI Coolant-through-tool on H1 Turret
- 120 ATC on H1 (44 Saddle Magazine / 76 Fixed Mag)
- All Available Manuals / Electrical Schematics



Options / Workholding Details are Page (2) of this quotation.

Price On Location, Per Your Inspection \$ Call for Price

Specifications are intended as guidelines only and are not binding. Your inspection is encouraged to verify crucial details. Our "Conditions of Sale" document is an essential part of this quotation. Please review accordingly.



*Inventory Stocking Machine Tool Dealer Liquidations Appraisals Logistics Coordination
Applications & Programming Assistance Available*

PUT OUR 40 YEARS COLLECTIVE MANUFACTURING INDUSTRY EXPERIENCE TO WORK FOR YOU

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**Options Listing for One (1) Preowned Okuma MacTurn 350W-2S-1500
Multifunction CNC Turning Center** New Approximately 2004

List of Options, Okuma MacTurn 350W-2S/1500:

Cubic Lamp Tower, Tool Life Management, Load Monitor "B"
SET UP for Renishaw In-Process Work Gauging, but we
DO NOT HAVE Renishaw Touch probe
Y-Axis Gauging function for In-Process Gauging
480 Volt, 60 Hz Transformer
A2-8 Big Bore on Main Spindle with 10" Chuck
A2-6 Big Bore on Subspindle with 10" Chuck
Hydraulic hollow cylinder SS1770 and drawtube, Main Spindle
Hydraulic hollow cylinder SS1770 and drawtube, Sub Spindle
Side Discharge Chip Conveyor
Robot Loader Interface "D"
Main Spindle Chuck Air Blast
Coolant-through-tool, H1 Turret (200 psi)
Automatic Door with Dual Cycle Start, Both spindles
HSK-A63 H1 Turret
120 ATC Tool Storage (44 Saddle Mag + 76 Fixed Mag)
Main Spindle Synchronous Tapping
No-Load Monitor
Cycle Time Reduction Function
Single Program Capacity of 512 Kb (vs. Standard 128 Kb)
Additional RS-232 Channel

Workholding

Microcentric Collet Chuck on Left (Main) Spindle
SMW 10" 3-Jaw Chuck w/ A2-6 Mount on Right (Sub) Spindle

Automation System with FANUC M16iT Top Loader

6-Axis Robot, Dual 3-Jaw Part Gripper, 6.7 Meter Travel
Overhead Rail, Part Regrip & Orientation Stations, Inbound /
Outbound Manual Part Pallet Shuttle System, Operator Stand,
Full Guarding with Plexiglas Front Window



Why a Robot AND a Bar Feeder?

Through use of the bar feeder, a client can use the robot to unload the finished parts and place them on an outbound pallet so it could run unattended. If a client has a combination of slugs and small bar stock this combo works good for unattended ("lights-out") operation.



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