



**HALES MACHINE TOOL INC**

AMADA WASINO J 1 CELL

**DISCOUNTED PRICE \$89,920.00**

NEW MACHINE / FULL WARRANTY

INSTALLATION & TRAINING INCLUDED

IN STOCK @ HALES MACHINE TOOL

UNDER POWER READY FOR DEMONSTRATIONS



**AMADA WASINO J1 CELL SPECIFICATIONS:**

**AMADA WASINO MODEL J1 CNC LATHE WITH FANUC S-21i-TB BUILT-IN MODULAR CONTROL, EQUIPPED WITH GANTRY LOADER MODEL SR-ON**

**PRICE OF THE STANDARD MACHINE AS OUTLINED BELOW  
(F.O.B. ROLLING MEADOWS, IL) ..... \$127,900.00**

**STANDARD MACHINE SPECIFICATIONS**

- Swing Over Bed	9.8"
- Distance between Centers	8.5"
- Bar Capacity	1.5"
- Spindle Nose	100 mm flat
- Spindle Bore	1.75"
- Spindle Speed	6,000 rpm
- Spindle Motor, (30 min.)	7.5 hp
- Spindle Center Height	39"
- X-Axis Travel	3.9"
- Z-Axis Travel	8.7"
- X-Axis Rapid Traverse	590 ipm
- Z-Axis Rapid Traverse	590 ipm
- Number of Turret Stations	8
- Floor Space Requirement	50" x 49"
- Machine Height	64"
- Machine Weight	3,450 lbs
- Power Requirements 208/60/3	16 kva

**STANDARD GANTRY LOADER SPECIFICATIONS**

- Nominal Workpiece Size* (dia. x lgth.) With Y0-2 hand	2" x 2"
- Nominal Workpiece Weight* With Y0-2 hand	1.1 lbs
- Approximate Loading/Unloading Time**	5.5 sec.
- Vertical Y Axis Control	AC Servo
Travel	11"
Rapid Traverse	295 fpm
- Transversal B Axis Control	AC Servo
Travel	26"
Rapid Traverse	492 fpm
- Wrist Swing Control	Pneumatic

Travel	90 deg.
Rapid Traverse	90 deg./sec.
- Repeatability	+/- .002"

\*Maximum size and weight depends on the part and hand configuration.

\*\*Actual loading and unloading time depends on the part and hand configuration.

### **STANDARD CONTROL SPECIFICATIONS**

- Minimum Programmable Increment .00001"
- Four-Axis Control
- Linear and Multi-Quadrant Circular Interpolation
- Automatic Linear Acceleration/Deceleration for Rapid Traverse and Exponential for Feedrate
- Memory for Storage of up to 66' for Part Program, 66' for Gantry Program (4-digit program number)
- Keyboard Type Manual Data Input (MDI)
- 7" Monochrome Display
- 16 Pairs of Tool Offsets
- Direct Input of Offset Amount A
- Tangential Speed Constant Control
- Program Search and Display
- Sequence Search
- Subprogram Capability, Nested Two Deep
- Dwell by Time or Revolutions
- Reference Point Return G27, G28
- Automatic Recognition of EIA RS244 or ISO 840 Code
- Decimal Point Programming
- Diameter/Radius Programming
- Word Address Format
- Absolute/Incremental Programming
- Circle Programming by Radius Designation
- Inch/Metric Switchable
- Automatic Corner Rounding and Chamfering
- Tool Nose Radius Compensation G40-G42
- Tool Geometry and Wear Compensation
- IPM and IPR Programming
- Canned Cycle G90 Series
- Multiple Repetitive Cycles G70-G76
- Precision Threading in .000001" Increments
- Thread Chamfering
- Single Block Operation
- **Run Hour Display with Simple Part Counter**
- Optional Block Skip (block delete)

- Label Skip

### **STANDARD CONTROL SPECIFICATIONS (Cont'd)**

- Stored Stroke 1
- Feedrate Override 0-150%
- Spindle Speed Override 50-120%
- Backlash Compensation
- Manual Pulse Generator, Incremental Feed X1, X10, X100
- Emergency Stop
- Key Lock to Prevent Unauthorized Tampering of Programs
- Display of Diagnostics and Parameters

### **STANDARD MACHINE ACCESSORIES**

- 5" 3-Jaw Chuck with 1" dia. Thru Hole with one set of Soft Jaws
- Automatic Lubrication System
- Flood Coolant System, 180W Pump
- Work Light
- Splash Guards
- Removable Chip Pan
- Electric Spare Parts Kit
- Manuals
- Tool Kit with Case
- Toolholder, Boring, 1" dia. (3 pcs.)
- Reduction Bushing, 3/8", 1/2", 5/8" dia. (1 pc. each)

### **STANDARD GANTRY LOADER ACCESSORIES**

- Gantry Loader with Y0-2 hand and jaws
- Workpiece pusher on loader hand
- Special splash guard with automatic door
- Air pressure and oil level monitor
- Air jets for chuck
- Warning light