



Website: [www.cybercnc.com](http://www.cybercnc.com)

**CyberCNC Machinery Sales, Inc**  
S86 W22400 Edgewood Avenue  
Big Bend, Wisconsin 53103 USA  
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## Quotation on Ultra-Turn SNC 160G Turning Center

In accordance with your recent request, we pleased to offer our quotation on the following equipment:

One - New ***Eastar.SR Ultra-Turn Model SNC 160G*** CNC Turning Center complete with Fanuc Series Oi-TC CNC Controller with all standard equipment and including the following machine features and specifications:

### **UltraTurn “High Performance” Machine Tool Design Features:**

The Eastar.SR [Ultra-Turn Series](#) Turning Centers set a new benchmark in levels of speed, performance and accuracy. Ultra Fast Acceleration and Rapid Traverse Rates, coupled directly with a Servo Driven Turret slash non-cutting times.

This power is transmitted through a specially engineered Headstock and Chuck Package capable of providing 1.7” Bar Capacity through the Spindle, and speeds capable up to 6,000 RPM.

The maximum recommended RPM of the spindle is 5,000 using a collet chuck or similar work holding device capable of safe operation at these speeds. (Custom spindle power packages are available as an option on request.) The incorporation of super precision spindle bearings allow the headstock to generate superb surface finishes and repeatability due to relentless efforts to control all aspects of thermal growth.

The ample cutting power of the Model SNC160G is complimented with the machine’s ability to provide Ultra Precise Positioning and Contouring through the use of heavy duty, ultra precision grade ball screws which are also coupled with absolute servo motors and controls. NSK Model K-1 equipped ball screws are employed and equipped with Eco-Style Lubrication Packs which eliminates the contamination of cutting fluids with way oils.

### **Other outstanding machine features include:**

- A Highly Rigid Bed Design of Meehanite Cast Iron incorporates the use of a special casting technology eliminating most cored holes and provides up to 200% more rigidity than conventional casting methods.
- The *Doubled Anchored and Pre-Tensioned* ball screws are secured between the massive LM Guideways using integrally cast ball screw bearing housings which are permanently cast into and machined in the bed and cross-slide components.



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- Superior rapid traverse rates are made possible by employing a feed mechanism using a large diameter ball-screw that is pre-tensioned and double anchored between oversized, ultra-precision grade LM Type Guideways.
- Rapid traverse rates of 944 I.P.M on both the X and Z axes will quickly increase profitability and productivity by dramatically reducing non-cutting and through-put times.
- Super fast ramp up/down time of spindle allowing spindle to go from 0-6000rpm is 1.8 seconds. (6,000rpm to spindle stop is also 1.8sec.)
- Ultra High Speed rapid traverse rates are attained with minimized inertia induced flex during acceleration and deceleration of the axes due to the heavy-duty design and symmetrical way layout.
- A One piece bed with a monoblock Type design provides for maximum swing and chip evacuation. This design has been developed and proven through leading machine tool engineering support group and specified for the CyberTec Ultra-Turn Series.
- Ball screws are double end supported/ diameters of screws 32mm
- Guideways THK size 34mm
- Control least input increment (0.0001 inch)
- Tool offset pairs (6 digits 64 pairs)

### **Control Overview:**

The CyberTec Ultra-Turn lathe series offers a Fanuc Oi-TC CNC Series controller to allow the end user to excel in manufacturing in this new era of demands for competitive machining at world-wide pricing. Fanuc is known worldwide as a CNC Control builder offering outstanding product reliability and prompt service or parts delivery when required.

An outstanding Two-Year Warranty on all Fanuc equipped Eastar.SR machine tools is provided by Fanuc USA or by other local Fanuc Service Centers located in the country where the machine tool is installed. CyberCNC and Fanuc USA stock a complete range of components for use in the possibility of a component failure somewhere in the future. In





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Run hour and parts count display

## **Eastar.SR Model SNC Ultra -Turn 160G machine specifications**

### ***\*Quality Features standard on Ultra-Turn series\****

- 19.68" Max. swing over Bed
- 6.3" Swing Over Saddle
- 5.9" Max. Turning Diameter (recommended)
- 3.94" Max. Turning Length
- 1.7" Max. Bar Diameter
- 13.38" X-Axis Travel
- 9.84" Z-Axis Travel
- 6.25" Chuck Diameter
- 6000 rpm. Spindle Speed
- A2-#5 ASA Spindle Nose
- 2.4" Spindle Bore Diameter
- 3.94" Spindle Front Bearing
- Gang Type Tooling System
- 10" X 10" OD Tool Size
- 1.50" Boring Bar Diameter
- Rapid Traverse -X Axis 944ipm. / Z Axis 944ipm.
- Cutting Feed Rate- (X Axis 19.7 inches/rev) (Z Axis 19.7 inches/rev)
- Spindle Drive Motor 10H.P. CONT./15H.P. (30 min. Rated)
- Feed Motor (X Axis 1.9 H.P.) & (Z Axis 1.9 H.P.)
- Coolant Pump 1.2 H.P.
- Electrical Power Supply 18 KVA/220/3phase/60hz
- Fanuc CNC Control – Fanuc Series 0i-TB (9" monochrome)
- Part Program Storage -640 meters (256kbyte)
- Machine Height – 66.9"
- Floor Space – 83.8" x 65 (length-width)
- [Weight 5500lbs.](#)

### **SNC 160G Standard Accessories:**

- Tooling block system ( 1 set (4pcs.) with turning and boring block holders and set of sleeves to accommodate
- Coolant tank& Coolant pump
- Work light
- Hydraulic chuck and actuator
- 6" Power Chuck
- Signal tower call light and buzzer
- Auto lubrication
- Leveling bolts and pads



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- Chuck foot pedal

## Warranties / Description

### Electrical specifications:

Machine Tool is wired for 200 volts 3 phase and 60 hertz. Cyber CNC specifies a transformer is required to maintain and regulate voltage to the machine prior to installation and power up at the customer. Please note that a transformer is not included in this quotation and can be purchased separately or supplied by customer

\* Transformer recommended: 30Kva Delta Y series (not included)

### CNC Control Electrical Warranty:

Machine controller includes a 2 year control warranty, fully supported by Fanuc Electric Corporation, located strategically throughout the United States and World Wide Branches.

### Machine Tool Mechanical Warranty:

Machine Tool Mechanical warranty is two (2) years, parts and labor supplied by CyberCNC and its authorized agents or distributor personnel. Additional extended warranty is available for an additional charge of 10% of selling price per year, limited to (4) four years total.

### Machine and Control Training:

Cyber CNC or its representative will provide basic **operator training** after the completion of the installation, limited to 2 days or less based on the customer's level of comfort and experience. Split Shift Training can be arranged. This would also include basic control training at operator level. Basic **maintenance training** including trouble shooting, re-set and alignment procedures is offered at either our facility or on a split shift basis at your facility. This training session is approximately six hours in length and included in purchase price. It is available within the first 60 days after installation. A maximum of three persons is recommended per course. Additional or future **maintenance training** is \$800.00 per course, 3 person maximum.

**List Price of Eastar.SR Model SNC 160G with Fanuc Model Oi-T CNC .....\$66,700.00**

**Special Price: \$44,500.00**

### Availability:

**2 machines are in stock at Cyber CNC showroom, subject to prior sale.**

### Installation:

Cyber CNC Machinery Sales Inc. and/or its appointed agents will install the machine at no additional charge. Customer is responsible for providing a proper foundation to required



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specifications and supplying the proper oils, air and incoming power to the main breaker of the machine tool panel.

Cyber CNC is not responsible to provide services requiring labor to wire or run air supplies to the machine tool at customer's plant.

**FOB Point:**

Machine Tool is quoted FOB Your Truck, Big Bend, WI with Cyber CNC to load your truck at no additional charge. (Included)

**Terms:**

20% down payment with Written Purchase Order.

70% due before shipment

(10%) Balance due Net 10 days from installation and

start-up on your floor unless otherwise arranged in writing

**Validity:** This proposal is available for your immediate acceptance and subject to prior sale. \* Quote is only valid for 30 days. Pricing and delivery are subject to change.

In closing, we would like to thank you for the opportunity to quote you one of our fine products, and hope to be of service to you in the near future!

Sincerely,

*Cyber CNC Machinery Sales, Inc.*



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## CONDITIONS OF SALE

### 1. QUOTATIONS AND ACCEPTANCES:

For immediate acceptance, subject to prior sale or other disposition, and change without notice. Proposals and acceptances of orders are made with the mutual understanding that orders are not subject to cancellation after acceptance by Buyer is conveyed to Seller in writing, except as designated herein. Shipping date is approximate only, and contingent upon delays or nonperformance occasioned by strikes, accidents, fires, or other causes beyond our control.

By accepting delivery of the machinery and equipment designated herein, Buyer accepts the terms and conditions of the Proposal and Sellers subsequent Invoice.

### 2. PRICES:

F.O.B. Shipping Point: Our dock, Big Bend, WI (unless otherwise specified). Prices are exclusive of Federal, State, County, or Local taxes. Taxes are paid by Buyer in addition to quoted purchase price.

### 3. INDEMNIFICATION:

BUYER AGREES TO INDEMNIFY, DEFEND, AND HOLD SELLER HARMLESS FROM ANY AND ALL LIABILITY, LOSS OR DAMAGES, INCLUDING ATTORNEY FEES, WHICH SELLER MAY SUFFER AS A RESULT OF ANY CLAIMS, DEMANDS, COSTS OR JUDGMENTS ARISING OUT OF, OR IN ANY WAY RELATED TO, SAID MACHINERY AND EQUIPMENT SOLD PURSUANT TO THIS AGREEMENT, INCLUDING, BUT NOT LIMITED TO, ANY USE WHATSOEVER OF THE MACHINERY AND EQUIPMENT, THE FAILURE OF BUYER, BUYER'S OFFICERS, AGENTS OR EMPLOYEES TO FOLLOW MANUFACTURERS INSTRUCTIONS, WARNINGS OR RECOMMENDATIONS; THE FAILURE OF BUYER, BUYER'S OFFICERS, AGENTS OR EMPLOYEES TO COMPLY WITH FEDERAL, STATE OR LOCAL LAWS OR REGULATIONS APPLICABLE TO THE USE OF SUCH MACHINERY AND EQUIPMENT, INCLUDING, BUT NOT LIMITED TO, ALL OCCUPATIONAL SAFETY AND HEALTH ACTS AS AMENDED; ANY LIABILITY BASED UPON OR RESULTING FROM ANY NEGLIGENT ACT OR OMISSION OF SELLER OR ANY OF SELLER'S OFFICERS, AGENTS OR EMPLOYEES, OR RESULTING FROM ANY LEGAL THEORY OF STRICT LIABILITY OR LIABILITY WITHOUT FAULT OR RESULTING FROM ANY THEORY OF BREACH OF WARRANTY OF ANY KIND.

### 4. ADDITIONAL MATTERS:

(a) It is understood there are no conditions or agreements pertaining to the equipment herein other than as set forth in this written proposal, and all prior conversations, agreements, or representations are superseded. Seller reserves the right to correct typographical errors.

(b) Warranty information may vary depending on the machine, make, and model. Please refer to quotation for complete warranty information.

(c) Buyer, In purchasing said machinery and equipment agrees that upon receipt of said machinery and equipment subject to this agreement it will be Buyer's Duty to inspect all machinery and equipment On A Continuing Basis; Provide Proper Safety Devices and Equipment or Means Necessary To Safeguard The Operator From Harm For Any Particular Use, Operation or Set-Up of the Machines and Equipment; To Adequately Safeguard that all Machinery and Equipment Meets All Government Safety Standards which May be Imposed from Time to Time, Including, but not limited to, all applicable Occupational Safety and Health Acts.

(d) Any provision contained in a Customer Purchase Order or any other documentation which is inconsistent with the terms and conditions of this Proposal, shall be null and void unless specifically agreed to in writing by an officer of the Seller..

(e) Wisconsin LAW: This agreement shall be construed according to the laws of the State of Wisconsin. Further, it is agreed that any claims relative to this Agreement, or the machinery and equipment purchased herein, shall be brought in the appropriate Court in Milwaukee County, Wisconsin

(f) All specifications are offered merely as a guide and are approximate only, and not binding upon Seller.

### 5. ADDITIONAL PROVISIONS:

Note: Any additional provisions contrary to the above must be included in writing in this space or attached to buyer's purchase order and acknowledged in writing by seller to buyer unless included in our quotation attached.