



Machinery for the Woodworking, Stone,  
Glass, Plastic, and Metalworking Industries



**Date :** 04/25/2024 - 8:23 AM \*  
**EXF # :** RC-300049  
**Category :** CNC ROUTERS OVER \$30,000  
**Brand / Model :** LIMTECH "ORION 510"  
**Machine Type :** CNC ROUTER (ATC & BORING)  
**Year of Mfg. :** 2024  
**Condition :** Brand New w/Warranty  
**Elect / Voltage :** 220 V, 60 Cy, 3 Ph.  
**Special Note :** Special Offer

**FOB / Region :** WEST COAST  
**Appr. Repl. Cost. :** \$ 126,000  
**Price :** \$ 0 \*  
**Comment :** A very solid 5' x 10' CNC Router with an Industria  
**Leasing :** Call for Quote



Please ask me

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\* Pricing is valid at the time of printing and subject to change at any time.

### Description :

- **LIMTECH ORION-510 Flat Table CNC Router with Tool Changer & Boring:**

**5' x 10' Capacity**, great for "Nested Base Manufacturing" or just about any type of 3-Axis work.

#### Axes travel range & feed speed:

- **X-Axis 61" (1,550 mm), Y-axis with 121" (3,073 mm) and Z-axis 11.8" (300 mm).**
- **Working Table:** 61" (1,550 mm) x 121" (3,073 mm); includes (3) pop-up stops to aid in panel positioning & a manual valve controlled 6-zone special high flow vacuum table system.
- **X- & Y-Axis speeds** are 2,165 IPM and Z-axis is 1,000 IPM for quick traverse positioning that reduces total CNC machining time between cutting cycles.
- DELTA Servo drive powers the axes movement.

#### Machine bed/base:

**Sales - Liquidations - Auctions - Appraisals - Consulting**

**EX-FACTORY INC.:** 1805 Sardis Road North | Charlotte, NC 28270 USA | Ph +1 704.841.2001 | Fax 704.644.8068  
**Warehouse & Showroom:** 8191 Logistic Drive, Suite E | Zeeland, MI USA | Ph +1 616.772.1520 | Fax 704.644.8328



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- **The welded structurally engineered** machine base provides a solid foundation for superior cut quality; the entire frame is stress relieved and heat treated.
- **X-, Y- and Z-Axis travel:** The moving gantry bridge travels on 1.2" (30 mm) thick hardened & precision ground rectangle linear guide slider-ways giving extra smooth movement for high speed traverse and accurate cutting.
- **Tool gantry & bridge movement** by 1" (25 mm) rack & pinion; the vertical Z-axis travels on precision ball screw for smooth consistent and highly accurate movement.

#### **Routing/Machining:**

- **(1) 12 HP (8.8 kW) Air cooled "HSD" Router** spindle with: HSK Tool holders, variable programming speeds from 1,000 to 24,000 RPM.
- Tools are loaded into the "HSD" spindle by (1) 8-position, side mount on the fly tool changer carousel .
- Tool heights can be set using the Tool Length Setting Gauge (included); machine uses ER-32 tool collets.

#### **Drilling/Boring:**

- (1) 9-vertical drills spindle head in L-shape configuration for 32 mm construction hole & line boring.

#### **CNC Control & Operator Interface:**

- **The "SYNTEC" INDUSTRY CONTROL System**, gives the operator an easy to use interface and the flexibility to customize to user specifications; is Network-ready via Ethernet and with USB flash drive.
- **Features:** Canned cycle, Tool length-diameter compensation, Work Coordinates-Offsets, Spindle-Feed rate overrides, Program size up to flash drive size, DNC or drip feed operation and Unlimited offset registrations.
- **Compatible with virtually all** CAD/CAM programming software on the market; you choose the software that best suits your needs.

#### **Complete with & Includes:**

- Dust hood with 6" manifold connection; (4) HSK tool holders; Tool Length Setting Gauge; MPG hand held wheel remote.

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- **235 CFM Dry Vacuum Pump; 7.5 kW (10 HP)** Vacuum Pump with ON/OFF pre-plumbed to control pane.
- **Other Features:** Machine Central lubrication, Safety light beams and Automatic homing operation.
- Machine weighs approx. 8,000 Lbs; 15 CFM air consumption at 90 PSI; machine power supply is wired for 220 Volts, 60 Cy, 3-Phase.

**Includes:** Installation & Training by Factory Technician, and (1) Year Parts & Labor Warranty.

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