

C.R. Onsrud C.N.C. Routers

Setting a new standard for performance and value.



MODEL 72-C10
MODEL 96-C10

We've raised the standards again...

We raised the standard in 1978 with the Inverted Router[®], an idea and a machine that revolutionized the wood working industry. Today our CNC routers are very quietly revolutionizing the concept of value in our industry by giving you more machine for the money than anyone ever thought possible. So how are we doing it?

Standardization. Because we add the same special features to every CNC router we build, we can sell it to you for less. How much less?

The features that come as standard equipment on every Onsrud CNC router are options everywhere else. It would cost you two to three times as much - \$200,000 or more- to purchase a similarly equipped machine from another manufacturer. You can get one of ours for under \$100,000. And we're not just adding bells and whistles. From top to bottom, each CNC Onsrud router is constructed of the finest components available - names you know like Colombo, THK and Kollmorgen - all assembled by hand at our North Carolina headquarters. The result is a well-designed, highly-flexible, reliable and affordable machine. Of course, that's what you expect from C.R. Onsrud, the company that knows routing best. We're just glad we're not the competition.



"We bought the first CNC router Onsrud sold - serial number 01...we had it running the day after we returned from training at Onsrud, and were profitable within another 24 hours."

*Darryl Motley
President
Architectural Millwork of Virginia*

Standard Features for the C.R. Onsrud 72-C10 and 96-C10 include:

Cast Iron Fixed Bridge ■ Our customary cast iron frame construction provides maximum absorption of vibration and resonance, giving you a much smoother, more accurate cut.

Twin Tables ■ 36" x 48" each on the 72-C10 or 48" x 48" each on the 96-C10. As a standard feature of the control software, these tables can function independently or operate exactly in tandem. When the tables are used independently your actual cutting time is nearly 100%.

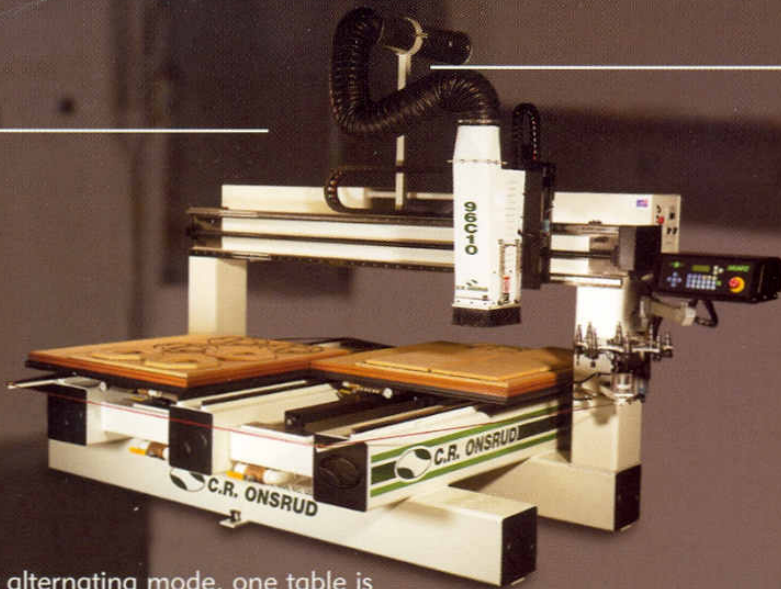
Colombo Spindle ■ 10 hp, fully programmable, variable-speed.

Automatic Tool Changer ■ Fast and automatic, with rotary eight-position tray. Conveniently mounted at the operator's station so it's easily available for tool inspection. Our unique outboard tool changer position keeps tools clean, lowers the moving mass for faster operation and allows the dust hood to operate at maximum efficiency.

High Speed Traverse ■ Powerful brushless AC servo drives for instant high speed movement. Rapid traverse or machining, you will be amazed at what an actual 1000" per minute really looks like.

Dust Collection ■ The Onsrud "Vortex" dust collection hood is a proprietary system designed by Onsrud specifically and exclusively for CNC routers. It's the best one out there, if we do say so ourselves.

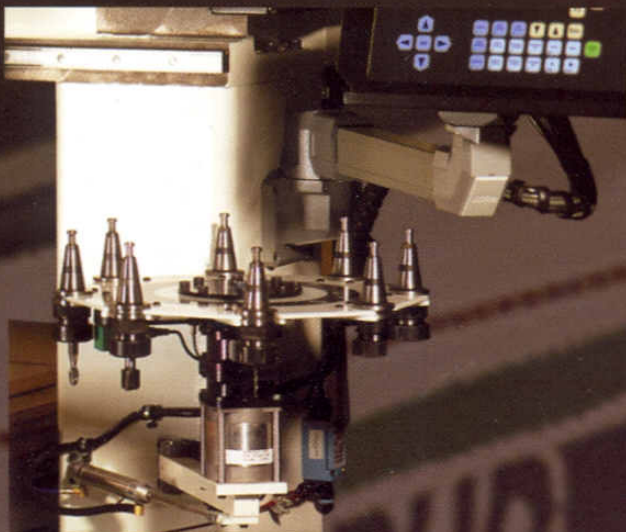
Footprint ■ 10' x 10' or 10' x 12'. Uses less floor space than any other comparably equipped machine.



In alternating mode, one table is machining while the other table is off-loaded and reloaded.



In "Locked" mode both tables are electronically locked together to work as one large table.



Standard automatic 8 tool changer handles almost any combination of routing, shaping, drilling and sanding you might require.

Computer Control

Chosen for its higher processing speed, the AMC controller is a European standard. It has all applicable C.E. and U.L. approvals. High speed risc processor simultaneously controls X, Y, Z, U, & V axis.

Programmable Work Envelope

X & U axis (tables) 54"
 Y axis (bridge). 74" or 98"
 Z axis 11"

Machining Speeds

1000" per minute standard
 1500" per minute optional

Work Tables

(2) 36" X 48" or (2) 48" X 48" tables operate independently or electronically lock together as one. Optional vacuum holding available in many different configurations to fit your application.

Spindle

10 HP Colombo spindle with automatic tool changer. Infinitely variable speed from 0 to 18,000 RPM (24,000 RPM max. opt.) 1/8" to 3/4" and 1mm to 20mm collets.

Machine Dimensions 72-C10/96-C10

Height 67"-90"/67"-90"
 Width 96"/120"
 Depth 90"/90"
 Weight 7000lbs./9000lbs.

Electrical

230V 3 Phase std.
 (other voltages optional)

Warranty

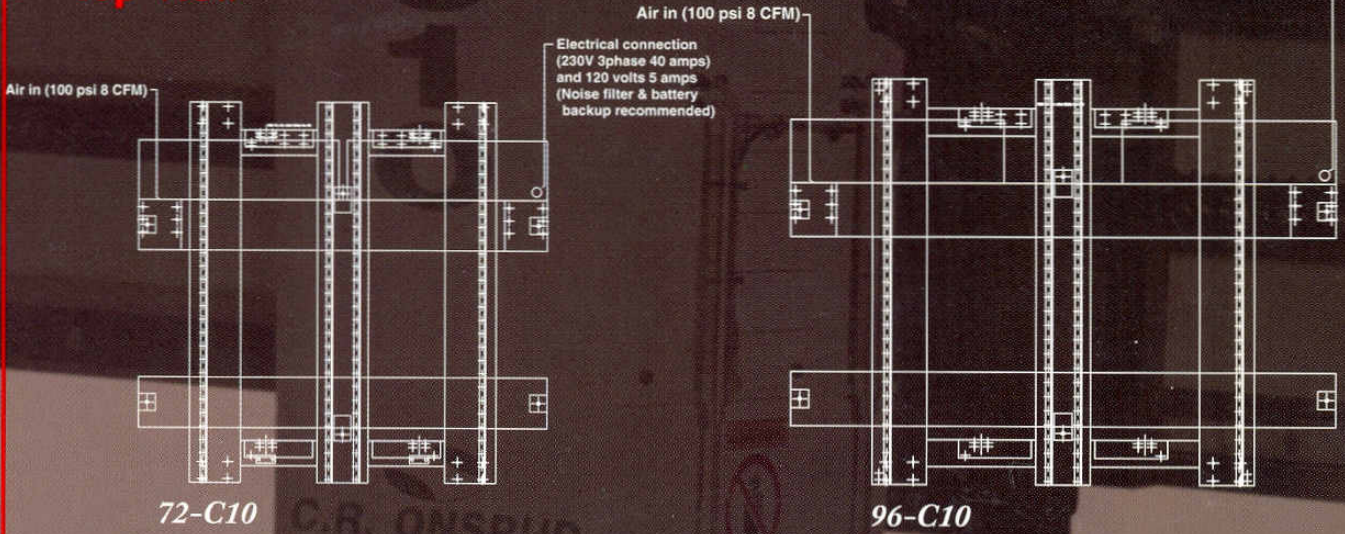
All C.R. Onsrud products are backed by a one year limited warranty and our international network of factory trained sales and service representatives. We maintain a complete stock of all replacement parts available for same day shipment.

Training

Every C.R. Onsrud router purchased includes training at our North Carolina facility. You learn on your machine, cutting your parts. This assures that you will get into production as soon as possible.

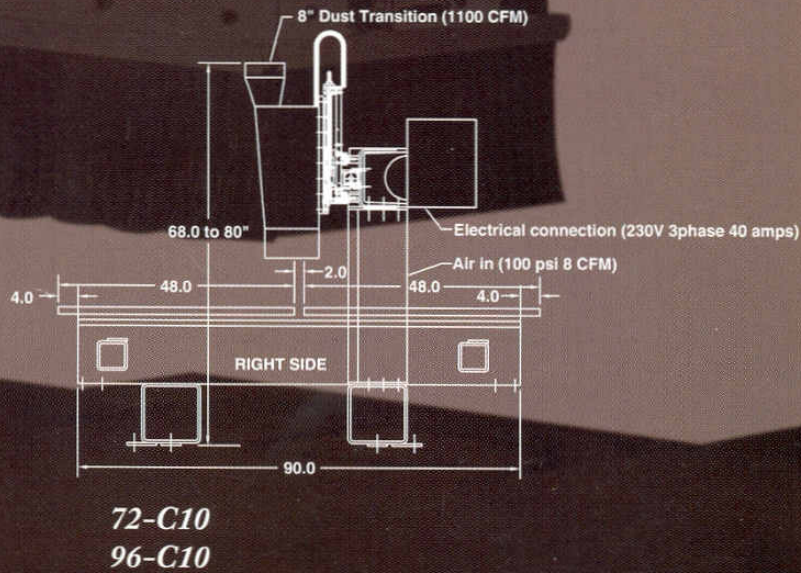
All specifications are subject to change without notice.

Top View



Electrical connection (230V 3phase 40 amps) and 120 volts 5 amps (Noise filter & battery backup recommended)

Side View



Front View

