



C.R. ONSRUD

C.R. Onsrud, Inc. • P.O. Box 419 • 867 South Main St. • Troutman, NC 28166 • PH. (704)528-4528 • FAX (704)528-6170

MACHINE –	PRICE	TOTAL
<p>ONE (1) NEW C.R ONSRUD MODEL 145G12 "Panel Pro" CNC ROUTER <i>(145" X 61" axis travel) – with: Thermal Heat Treated, Stress Relieved, & Normalized One-Piece, Steel Frame Base, & Thermal Heat Treated, Stress Relieved, & Normalized Steel Bridge; Dual Support, Dual Drive, Moving Gantry, Fixed Table Design with standard 2,000" per minute machining speed, full 3-D capability, 14" under bridge clearance & 11" Z axis stroke, 16'X8' footprint, oversized precision ball screw drives for Z & Y axis, case-hardened, oversized, precision ground, helical rack & pinion drives for X axis, precision linear profile guide ways, centralized lubrication system, Onsrud AMC controller by North East Electronics, 12.7HP fully programmable, variable speed, quick-change spindle, with air blast, capable of routing & drilling, programmable feed rates with override capability, SINGLE FIXED 145"X61" TABLE, w/3 independently controlled vacuum zones & full table coverage. Each zone has low vacuum sensing safety shut-off with override capability. Includes all switches, valves, gauges, safety interlocks, & Vacuum Plumbing necessary for either suck through or dedicated spoil boards, & is easily modified for the use of pod systems. Moving gantry is surrounded by a pressure sensitive safety-stop / emergency-stop bar. Price Includes CR Onsrud Inc. Training School and a limited one-year warranty on all parts & labor FOB the factory.</i> Price FOB Troutman, NC - With 12 position A.T.C.</p>	\$ 99,740	\$99,740
MACHINE OPTIONS –		
* HSK-63 Spindle Taper & Tool Changer Adapter	STANDARD	INCLUDED
* Automatic Oil Fog Mist Lubricator – Sprays a fine oil mist on the tip of the router bit, for cooling purposes	\$ 500	
* 16 HP Spindle Upgrade w/HSK-63 Spindle Taper	\$ 5,000	\$5,000
* 20 HP Spindle Upgrade w/HSK-63 Spindle Taper (Price Includes Required Liquid Cooled Spindle Option)	\$ 8,500	
* Liquid Cooled Spindle Option – Adds a liquid cooling system & chiller in place of the standard fan & compressed air spindle cooling system. (Only recommended when machining mostly non-ferrous metals or when using 20HP spindles or larger)	\$ 3,500	
* High Speed – High Production - Digital Brushless AC Servos Larger servos, drives, amps for faster feed rates, heavier cutting, & increased accuracy	STANDARD	INCLUDED
* 12 Tool – Dynamic Automatic Rotary Tool Changer – Fully Servo controlled instead of Stepper controlled. Design eliminates misfires & more quickly changes between 12 different tools – (w/2 free HSK-63 tool holders)	STANDARD	INCLUDED
* Additional 12-inches of Z – Increases 3 or 4-Axis Frame under bridge clearance & Z-stroke 24 inches	\$19,000	
AGGREGATE & C-AXIS OPTIONS – (C-Axis option adds the "C" designation to the existing 3-axis model #)		
* Automatic Aggregate Tool Changer & Aggregate Capability – (makes machine fully aggregate capable - for use with or without C-axis Ability below)	\$ 3,500	\$3,500
* C-Axis Ability for Use With Aggregates – (Adds rotational C-axis to Aggregate Tool Changer & Capability)	\$ 11,500	\$11,500
CONTROLLER OPTIONS -		
* Onsrud AMC Handheld - Advanced Machine Control (by North East Electronics)	STANDARD	INCLUDED
* Onsrud WinAMC Controller Station (w/touch screen PC interface)	\$ 4,000	\$4,000