



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

INSTALLATION -

The Customer Will Be Responsible For The Following:

1. Any Floor Preparation that May be Necessary – (typically 4-5 inch thick concrete pad)
2. All Power Supply Connections (per national & local codes or standards)
3. Providing Dust Collection – (8" port for machines without C-axis or Multi-Drilling/Boring Block options: minimum 1200 cfm & recommended 2000 cfm. 12" port (8" optional) for machines with these options: minimum 2500 cfm & recommended 3500-4000 cfm.
4. Any Necessary Pneumatic Connections & Supply – (100 psi with up to 10cfm consumption)
5. Any Rigging, Labor &/or Handling Equipment (forklift, moving or rigging equipment, etc.)
6. Materials & Tooling Needed For Machine Testing, Training, or Adjusting
7. Necessary Post Processors for any Software Provided by Outside Software Vendors

The CNC Router will ship fully assembled, and nearly functional. CR Onsrud expects the machine to be in place, and all of the necessary utilities to have already been brought to the machine, when the technician arrives. The technician will then finish preparing the machine to run, & instruct any machine operators in how to maintain and operate the machine properly.

INCLUDED INCLUDED

TABLE OPTIONS -

CR ONSRUD 5' High-Flow Universal Vacuum Table System – (ONE for each work zone or table) Includes: oversized 4" intake manifold, high-capacity vacuum plumbing, high-flow 1" grid waffle patterns, & equipped with choice of suck-thru or dedicated spoil boards.

STANDARD ON G-Series INCLUDED

HIGH PRECISION "CONVERTIBLE" VACUUM TABLE OPTIONS - By Northern Engineering & Mfg. Inc.

EACH ONE (1) Onsrud / NEMI "Panel Pro" Phenolic Vacuum Grid Table – 145" X 61" Phenolic Grid	\$ 2,410	\$2,410
EACH ONE (1) Onsrud / NEMI High-Precision Vacuum Grid Table – 48" X 60" Aluminum Grid	\$ 3,110	
EACH ONE (1) Onsrud / NEMI High-Precision Vacuum Grid Table – 60" X 60" Aluminum Grid	\$ 3,888	
EACH ONE (1) Onsrud / NEMI High-Precision Vacuum Grid Table – 60" X 96" Aluminum Grid	\$ 6,221	
* W/0738 – NEMI – 4" X 4" Slider Pod	12 X \$ 275	\$3,300
* W/0732 – NEMI – 4" X 2" Corner Slider Pod	\$ 275	
* W/0733 – NEMI – 4" X 2" Straight Slider Pod	\$ 275	
* 679 – NEMI – 4.19" Diameter Roller Pod	\$ 350	
* 670 – NEMI – Low Profile Locator Pop Up Pin	6 X \$ 295	\$1,770
* 671 – Mushroom Clamp	\$ 725	
* 10.01.15.00183 – Schmalz/Innospan – Quad Base Plate – 175mm x 175mm (approx. 7" by 7")	\$ 198	
* 10.01.15.00003 – Schmalz/Innospan – Pod – 80mm x 80mm x 30mm (approx. 3" by 3")	\$ 58	
* 10.01.15.00004 – Schmalz/Innospan – Pod – 80mm x 40mm x 30mm (approx. 3" by 1.5")	\$ 58	
* 10.01.15.00005 – Schmalz/Innospan – Pod – 80mm x 28mm x 30mm (approx. 3" by 1")	\$ 58	

MATERIAL HANDLING OPTIONS -

4 – Way Valve & Reverse Air Plumbing - material handling system (requires regen blower)	\$ 1,890
Becker 5HP Regen Blower – use for Reverse Air Material Handling & 4 – Way Valve (above)	\$ 2,500
50 (FIFTY) Pop-Up Ball Conveyer Kit fills up to 5'X8' CR Onsrud Vacuum Table	\$ 890
75 (Seventy Five) Pop-Up Ball Conveyer Kit fills 5'X12' CR Onsrud Vacuum Table	\$ 1,335
1 (ONE) Complete Set of 5 (FIVE) Ball Conveyer Material Transfer Tables	\$ 5,600

PANEL LIFTING OPTIONS -

Schmalz JUMBOERGO 85 "Venturi-Style" Complete Vacuum Lift System – to lift full sheets up to 185 lbs non-porous, pneumatic vacuum generator (no electric - compressed air only). Includes: Gorbel WSJ360-250-10-16 freestanding jib crane – with 250 lb capacity	\$ 8,915
Schmalz JUMBOERGO 85 Complete Vacuum Lift System – to lift full sheets up to 185 lbs non-porous, electric vacuum blower. Includes: Gorbel WSJ360-250-10-16 freestanding jib crane – with 250 lb capacity	\$ 10,129
Schmalz JUMBOERGO 110 Complete Vacuum Lift System – to lift full sheets up to 240 lbs non-porous, electric vacuum blower. Includes: Gorbel WSJ360-250-10-16 freestanding jib crane – with 250 lb capacity	\$ 11,053
SSchmalz JUMBOERGO 140 Complete Vacuum Lift System – to lift full sheets up to 310 lbs non-porous, electric vacuum blower. Includes: Gorbel WSJ360-500-10-16 freestanding jib crane – with 500 lb capacity	\$ 12,708