



15150 – 25th Avenue North, Minneapolis, MN 55447-1981
 Phone 763-476-8600 Fax 763-476-4092 Visit us at: www.productivity.com
 Service Dept: (MN) 763-476-4191 (IA) 319-632-4288 (NE) 402-330-2323
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Productivity Inc®

Haas GR-712 PRE-INSTALLATION CHECKLIST - Rev 01/2009

Installation of your new Haas GR-712 can be smooth and rapid if preparations are made prior to the delivery of your machine. Any questions regarding machine installation should be directed to our service department for clarification. We hope this checklist will aid in a rapid installation of your new machine. **NOTE: The following must be completed prior to our service technician arriving at your facility.**

- Power Requirements for your machine: 208v/3 phase/14kVa, 50 Amp (460v/3 phase/14kVa, 25 Amp)
 Proper voltage per machine specifications should be ready at machine site. **Do NOT power up the machine. A separate earth ground wire of the same conductor size as the input power must be connected to the chassis of the machine; must be supplied from the main plant ground. A local cold-water pipe or ground rod is not sufficient.** *NOTE: 460v requires either an Internal or External Transformer.
- Customer should furnish and have available the proper supply and types of lubricants required for machine operation.

ITEM	CAPACITY	FLUID TYPE
Coolant	95 gallons	Water Soluble, Synthetic
Way Lube	80 ounces	Mobil Vactra #2 (15k uses DTE25)

You will need to have Coolant and lubricants on hand at the time of installation. Contact our Service Department for more information.

- Air lines should be routed to the machine location and operational for proper air pressure.

The VMC requires a minimum of 100 PSI at 4 cfm at the input to the pressure regulator on the back of the machine. This should be supplied by at least a 1-HP compressor, with a minimum 20-gal tank, that turns on when the pressure drops to 100 PSI. The air must be supplied through a minimum 3/8" hose and fittings must be at least 1/4" NPT.

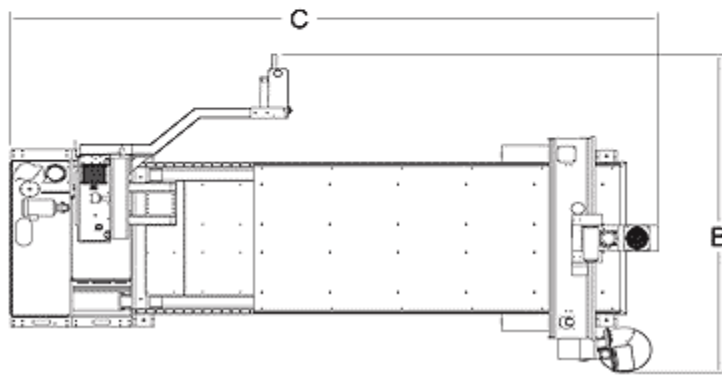
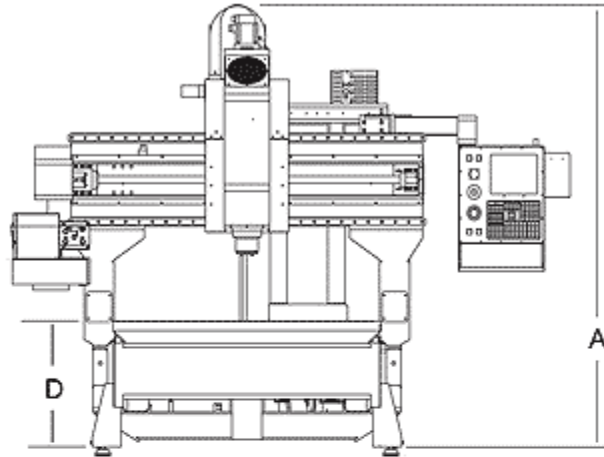
- Machine location should be planned to allow enough room for access panels to be opened and serviced with ease. **A minimum of 36" clearance around the machine required for operator access and maintenance.**
- Weight requirements should be checked to insure that the surface below the machine will have sufficient strength for support and stability. The machine must be set on a solid, sound and stable, steel bar-reinforced concrete slab poured directly on the grade. In general, the 6" concrete floor on industrial buildings is suitable for machine placement.
- **NOTE: THE ROUTER MUST BE LIFTED WITH FORKLIFT. Upon arrival of your machine, unpack and immediately check for visible damage BEFORE the driver leaves.**

SHIPPING WEIGHT	SHIPPING DIMENSIONS OF MACHINE <i>(Requires O/W Permits)</i>
23,600# (skidded)	18'5" L x 10'7" W x 9'7" H** (skidded and wrapped – standard GR712) (**NOTE: 18'5" L x 10'7" W x 11'6" H w/EZ24 Extended Z option and requires Double-Drop Trailer.)
Operational Wt: 19,250# See attached page for floor space/layout. NOTE: You must allow 36" around the machine for operator/maintenance access.	

- **Remove as much preservative from the machine as possible without having to power up (tables – slides, pulleys, etc.). We recommend mineral spirits to clean. Apply oil when finished to prevent rust.**

PLEASE FORWARD THIS TO THE APPROPRIATE PERSON. THANK YOU.

GR-712 Dimensions



	Mix View	
A (NOTE: With EC6 option, add 6" or EZ24, add 24")	99 "	
B	164 "	
C	253 "	
D	27 "	

