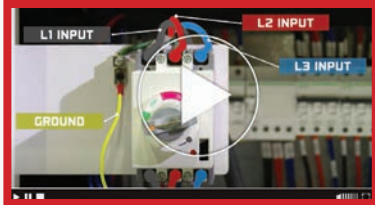


MECHANICAL - ELECTRICAL GUIDE

FOR CNC ROUTERS



ELECTRICAL

<-- Watch this [video](#) on how to connect power to your router and vacuum pump.

	ELECTRICAL	AIR
CNC Router	208-240 volts 3 phase 30 amps 10 gauge wire	120 psi recommended 8 bar 9 cfm
CNC Router Loading/Unloading Tables	+5 amps per table	
Vacuum Pump	208-240 volts 3 phase 50 amps 6 gauge wire	120 psi recommended 8 bar 9 cfm



AIR

Minimum Recommended:

Air Line:

Standard 3/8" air hose from any hardware store, attached to a standard industrial coupler (male and female).

Air Compressor:

5.0HP running
155psi
80 gallon

Sample brands: Dewalt, Makita, Kobalt



DUST EXTRACTION

Minimum Recommended for Dust Extractor: 5HP - 10HP

Sample brands: Grizzly, Nederman

CNC ROUTER

CFM required for main (top) 6" port

Viper XP	2000
Sidewinder/Raptor XPR	2500
Python XPR	2800

For more on dust collection:

[GO TO DUST COLLECTION GUIDE](#)

Sample online stores for dust collection flexible hoses & parts: Grainger, McMaster