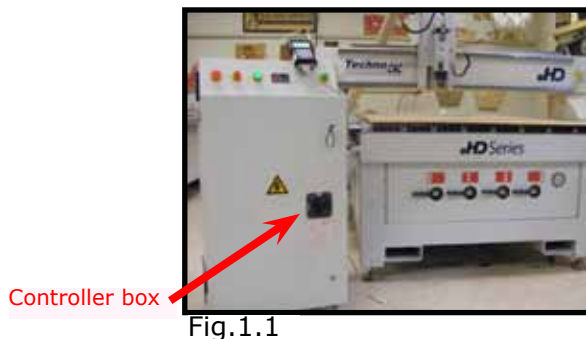


Techno HD Series Stepper Controller

I. Techno HD Installation

The Techno HD series Router is powered by 220 Volts AC. Unless specially requested the electronics require 3 phase power.

1.1 The Electronics are housed in the large controller box as shown in figure 1.1. When unpacking the machine avoid twisting the cable carrier that guides the cables to the motors.



1.2 Open the back of the controller box (shown in Fig 1.2) with the key provided.



1.3 The electronics will now be visible (as shown in Fig. 1.3) The terminals for the 220 volts will be located at the bottom of the box (as shown in Fig. 1.4).



1.4 Have a suitably qualified person connect the 220V to the terminals. Make sure that all local electrical codes are obeyed.



1.5 If the machine is equipped a single phase inverter only L1, L3 and the ground connection are made (as shown in Fig 1.5).



1.6 Unpack the SCSI cable that was supplied. Carefully attach this to the controller board (as shown in Fig1.6).



1.7 Guide the cable through the hole on the side of the box and attach it to the Control Pad (as shown in Fig. 1.7).



1.8 If the machine has a vacuum hold down pump, attach the starter coil cable to the circular connector on the side of the box (as shown in Fig.1.8).



Vacuum Starter Connection.

Connecting the Vacuum Pump.



You will need to have a electrician connect AC power (220 or 440 VAC) as specified on the unit to the motor starter



Take the Silver connector from the Starter Box and connect it to the female connector on the main electronic unit.



Attach the silver connector from the starter box here.



Attach the hoses from the machine to the T-connectors and attache them to the pump.



When the machine is powered on press the green button to turn the vacuum motor on and off.

WARNING: Direction of Rotation is critical. Briefly start motion and check rotation (arrow on casing). Exchange phases if rotation is incorrect. IF YOU RUN THE PUMP/ BLOWER CONTINUOUSLY IN THE WRONG DIRECTION THE VANES WILL BE DAMAGED



Turn on individual sections of the vacuum table by turning the manifold handles in the front of the machine.