

# INSTRUCTIONS FOR CONNECTING THE BLACK BOX AND SUCTION UNIT.

## 1) Serial Black Box for Large Manual and AutoTC Machines.

- a) Connect the 1<sup>st</sup> 9 way female connector on the Black Box to the COM 1 serial port on your computer.
- b) Connect the 2<sup>nd</sup> 9 way male connector to the CNC controller box front panel.

## 2) Parallel Black Box for CCD/2 CNC Machines.

Connect the 9 way serial connector on the Black Box to COM 1 serial port on your computer and the parallel port on the Black Box to the parallel connector on the back of the CCD/2.

## 3) Power Supply for Black Box

Plug the Black Box power unit into a 220 / 240V 50 Hz mains supply, and turn ON the power to your CNC machine.

If you get an error reading on your screen saying

**“controller not found – do you want to run in demo mode”**  
this means that you have no power to your Black Box or your CNC machine is not switched ON.

## 4) Suction Unit

This mains input plug is connected into the top of the black connector adaptor box, which has two pins on its bottom side.

The cable with a small connector on, which comes out of the side of the adaptor box is connected to the socket which can be found at the back of each CNC machine.

Using this adaptor with the suction unit power lead connected to it will mean the suction unit only starts when the spindle is running.



### MEGA ELECTRONICS LIMITED.

Mega House, Grip Industrial Estate, Linton, Cambridge, England. CB1 6NR  
Telephone: +44 (0) 1223 893900 Fax: +44 (0) 1223 893894  
email: sales@megauk.com web: www.megauk.com