

Model O Welding Turntable



Automatic Interfaced Solid Shaft



Manual Hollow Shaft

The Manual and Automated Model O turntables have been designed using proven Instrument Engineering Oxford Turntable frame technology to meet the most demanding production requirements.

Suitable for TIG, Plasma and MIG welding applications. Solid Shaft machine comes with provision for a Shield Gas connection and Purge Tube.

Hollow shaft version has large 153mm diameter shaft bore, clear through the turntable.

Simple to set up and use.

Both the Automatic and Manual controls include an LCD Display with 0.01 RPM resolution, which can be set to the required speed before or during a weld cycle.

Manual Model O

Designed for manual operation via the front panel switches, foot switch or variable speed foot pedal.

Automatic Model O

Can form part of an automatic welding system. For example, as the Headstock of our Series 3 Industrial Welding Lathe.

The Automatic option provides outputs to automatically start & stop the weldset, and control both VBC Engineering Cold Wire Feeders & Arc Length Controllers. Incorporated is a Pool Delay timer, Run On timer, a weld distance counter calibrated in degrees and the facility to store 64 different program schedules.

Whichever unit you choose, you can be sure of unrivalled performance, reliability and durability from what has become recognised as one of the very best welding turntables available.

Advantages:

Speed range:-

Solid shaft: 0.1 to 3.0 RPM

Hollow shaft: 0.1 to 6.5 RPM

Other speed ranges available upon request.

400 Amp earth return brush gear with insulated M16 brass stud for connection to the weld set.

Can be up rated to 600 amp @ 60% duty cycle.

Weight capacity:-

Solid shaft 1000Kg as a turntable, 500Kg as a headstock.

Hollow shaft 1500Kg as a turntable, 750Kg as a Headstock.

Clockwise and counter clockwise rotation control.

Encoder feedback for accurate closed loop control.

Can be fitted with either a 609mm faceplate, a 250mm or 400mm 3-jaw self-centring chuck. The available internal bore diameter is limited to 101mm when fitted with 250mm Chuck. The faceplate has concentrically scribed alignment circles and 4 radial clamping slots.

Option of floor-standing 110 degree tilt frame.

Option of additional foot switch or variable speed foot pedal (Manual Model O only)

Available with Anti-Backlash gears

Designed and manufactured at our premises in the UK. Fast turnaround on service and calibration