

# **TURNTABLES – PROFESSIONAL WELDING POSITIONERS**

The TT600, TT1000 and TT3000 are the ideal solution for producing a circular weld, fast and accurately, or for accurately & rapidly positioning the work piece for welding, etc.



**Optional quick release self centre chuck**  
 Accepts from 5mm to 210mm internal or external clamping.  
 Comes with 2 types of jaws

As standard the TT600, TT1000 & TT3000 are supplied with a foot switch to stop & start the rotation. On the front panel there is a switch to select clockwise or anticlockwise rotation, a knob to control the speed & a high-low speed range switch for more accurate setting. The turntable can be positioned to any angle between horizontal & 90 degrees, a hand wheel which drives a worm gear is fitted at the rear to adjust this angle, a lock off device is fitted to prevent the table being accidentally moved or knocked off angle. The table is machined with 6 slots 90X12mm for mounting jigs or the chuck. The table is also scored every 30mm with a circle to assist in accurate setting up of the job. Under the table is a substantial brass bush arrangement for the welding earth return and we supply a 2M welding lead attached to this.

The TT1000 Precision & TT3000 are fitted with a double reduction gearbox to enable work at slower speeds & higher torque.

All models are protected from HF interference.

<b>TECHNICAL SPECIFICATIONS</b>	<b>TT600</b>	<b>TT1000</b>	<b>TT1000 Precision</b>	<b>TT3000</b>
Input Voltage:	110V / 230V	110V / 230V	110V / 230V	110V / 230V
Max welding current:	350A @ 60%	450A @ 60%	450A @ 60%	450A @ 60%
Max load – turntable in the horizontal position:	60KG	100KG	100KG	300KG
Max load – turntable in the vertical position (90 degree):	25KG	50KG	50KG	150KG
Rotation speed:	0.5 – 12 rpm	0.2 – 15 rpm	0.1 – 5 rpm	0.1 – 2.5 rpm
Table diameter	345mm	345mm	345mm	450mm
Dimensions: Height	380mm	420mm	420mm	600mm
Width	430mm	430mm	430mm	550mm
Length	440mm	440mm	440mm	600mm

## Options

Remote socket for stop / start to interface with a robot, welding machine, etc

Control to give automatic start and stop of rotation with the welding current.

Foot pedal to give stop start of the rotation with variable speed control on the pedal and start of the power source as well if required.

Timer control (for pool delay or spot welds, etc) & an output to drive the power source, so only one control signal is needed to start the whole process.

Please enquire for further possibilities.

<b>TURNTABLE</b>	<b>PART No.</b>
TT600 standard	TT600
TT600 C/W DIGITAL TIMER	TT600TD
TT1000 standard	TT1000
TT1000 C/W DIGITAL TIMER	TT1000TD
TT1000 PRECISION	TT1000P
TT1000 PRECISION C/W TIMER	TT1000PTD
TT3000 standard	TT3000
TT3000 C/W DIGITAL TIMER	TT3000TD

**OPTIONAL 8" CHUCK**                      **TTCH210**

*Other chucks also available*



*Fully automatic systems also available*