

Key Plant

WELDING & POSITIONING EQUIPMENT

Key Plant's association with the welding equipment market traces back over 45 years, during which time we have continued to supply, develop and update from the earlier manual welding process, through to our more recent fully automated turnkey installations.

The business began in 1956 as Courtburn Welding acting as agents for Yates and Macobe Positioning Equipment. In 1980 Key Plant purchased Murex Positioning Equipment (MPE) from BOC.

Throughout the past 20 years Key Plant have continued to fulfil the requirements of the demanding and quality conscious environment, through our commitment and development of the working relationships with both end users and world-wide Key Plant distributors.

One such association was with Bode Positioners. Key Plant co-ordinated and supplied their full rental business and all of the refurbished and second-hand machines that they sold until their demise in 2001. Following this Key Plant purchased the ex Bode factory including machine tools, fabrication equipment, every jig and fixture, the complete stores and spares department and a large range of surplus, new and second hand Bode machines. Since this acquisition Key Plant have re-organised the factory and employed key Bode personnel, including electrical engineers, mechanical fitters, fabricators, machine operators and design engineers.

In 2002 Key Plant introduced a service company, "Key Plant Service" offering a 24 hour a day emergency response for repair and calibration for all types of welding and positioning machines and offering annual service contracts.



Head Office: Regent Rd, Liverpool L3 7DS England



Works: Bode Business Park, Ball Haye Green, Leek, Staffs ST13 6BW, England



HotWire Tig Cladding Installation for overlaying of internal and external valves.

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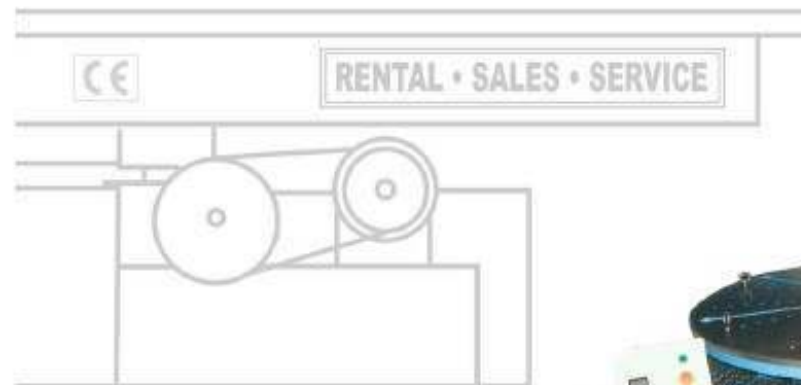
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FLOOR TURNTABLES



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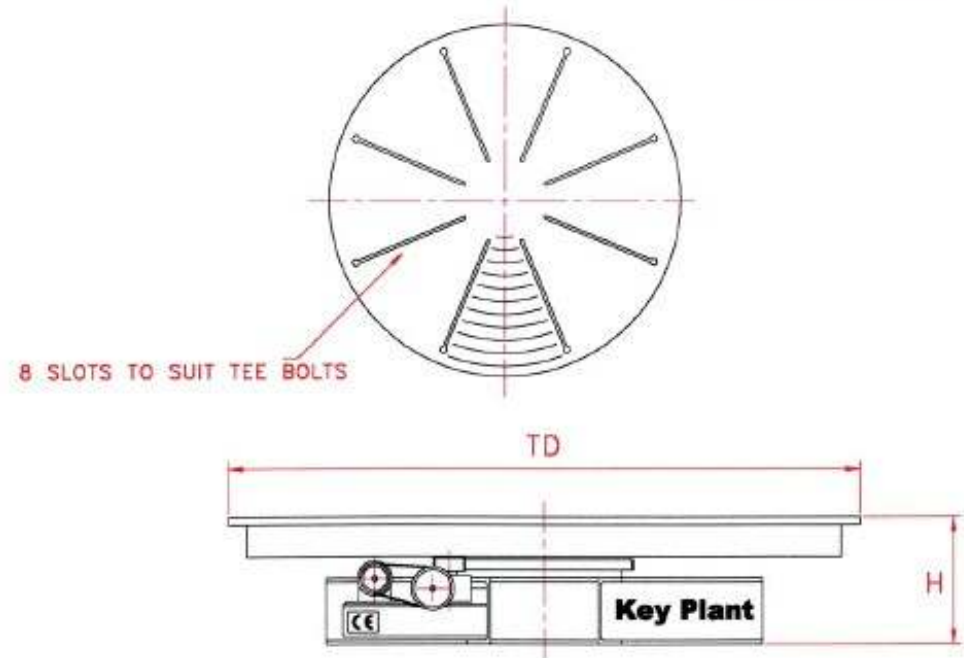




10 Ton Cladding Floor Turntable (Model TT10CSR).



25 Ton Cladding Floor Turntable (Model TT25C).



	TT3 3 Ton	TT5 5 Ton	TT10 10 Ton	TT15 15 Ton	TT20 20 Ton	TT30 30 Ton	TT50 50 Ton	TT100 100 Ton
Machine Capacity (Kg)	3,000	5,000	10,000	15,000	20,000	30,000	50,000	100,000
Max. Ecc. Loading @ 300mm (Kg)	1,500	2,500	5,000	7,500	10,000	15,000	25,000	50,000
Max. Impact Loading Falling 25mm (Kg)	1,500	2,500	5,000	7,500	10,000	15,000	25,000	50,000
Table Rotation Speed	0.07-1Rpm	0.07-1Rpm	0.07-1Rpm	0.07-1Rpm	0.07-1Rpm	0.07-1Rpm	0.07-1Rpm	0.07-1Rpm
Table Diameter (mm) TD	1220	1830	1830	2440	2440	2440	2900	2900
Earthing Capacity (amps)	600	600	600	600	600	1,000	1,000	1,000
Power Supply (Volts)	220 - 240V	220 - 240V	220 - 240V	220 - 240V	220 - 240V	220 - 240V	220 - 240V	220 - 240V
Height from Floor to Top of Table (mm) H	585	585	585	585	585	585	1000	1000
Weight (Kg)	1,400	2,500	2,750	3,500	4,100	5,000	7,000	9,000

THE ABOVE MACHINES ARE KEY PLANT'S STANDARD RANGE OF TURNTABLES. LARGER CAPACITIES AND SPECIALS ARE AVAILABLE, PRICE ON APPLICATION.
Key Plant manufacture cladding turntables, model example TT10 CSR. Machines are fitted with 2 off back to back gearboxes to minimise table backlash. Table rotation via a force vented AC Vectra motor with an encoder and thermistors. Cladding turntables are also fitted with a slip ring assembly and cadmium plated thermo couples.



15 Ton Floor Turntable (Model TT15).

Front cover - Special Heavy Duty Cladding Floor Turntable fitted with back to back gearboxes for minimum backlash, slip-ring and horizontal cross slide movement via pre-loaded bearings and actuators supplied for the loading and alignment of welding the internal bore of oil valves.

20 Ton Floor Turntable (Model TT20) supplied for the manufacture of MRI scanners.