

25T Conventional Positioner – Model VP25



Capacity	25,000kgs
Centre of Gravity	500mm
Eccentricity	300mm
Degree of Tilting	0° to 135°
Degree of Rotation	360°
Tilt Speed	220 Seconds for 135°
Overall Height to Table(horizontal)	1800mm
Height the Table CL (vertical)	1495mm
Rotation Speed	0.033 – 0.66 rpm
Table Diameter	2200mm with 6 x 42mm slots
Earthing	600A
Power Supply	380-440V 3 Phase 50Hz

Supplied with a hand control pendant on 15m of cable housing

- Tilt Up
- Tilt Down
- Forward Rotation Button
- Stop Rotation Button
- Reverse Rotation Button
- Rotation Speed Potentiometer
- Emergency Stop Button

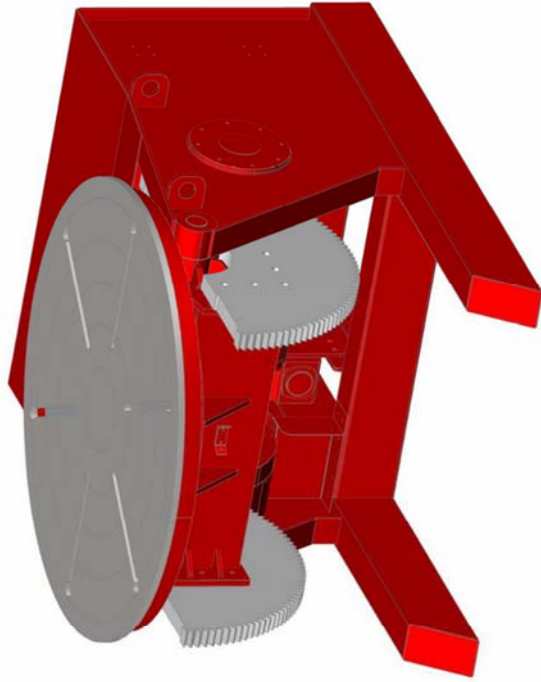
Fitted with standard CE panel

Machine is designed and manufactured in the United Kingdom.

Supplied with one off Operation and Maintenance manual in English language.



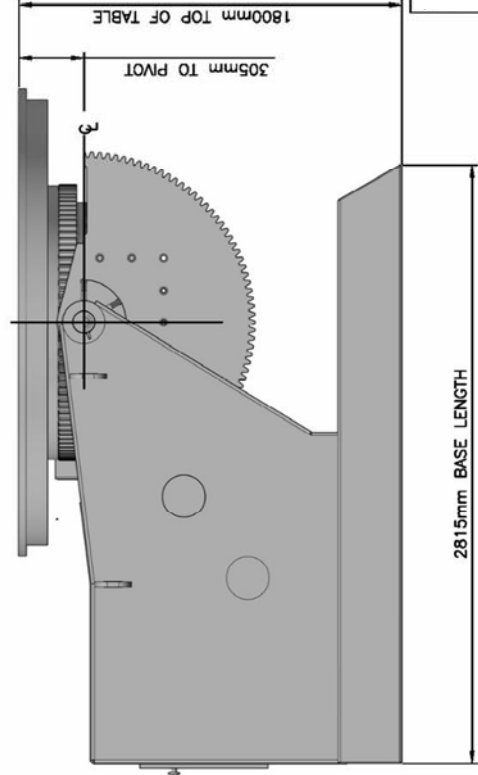
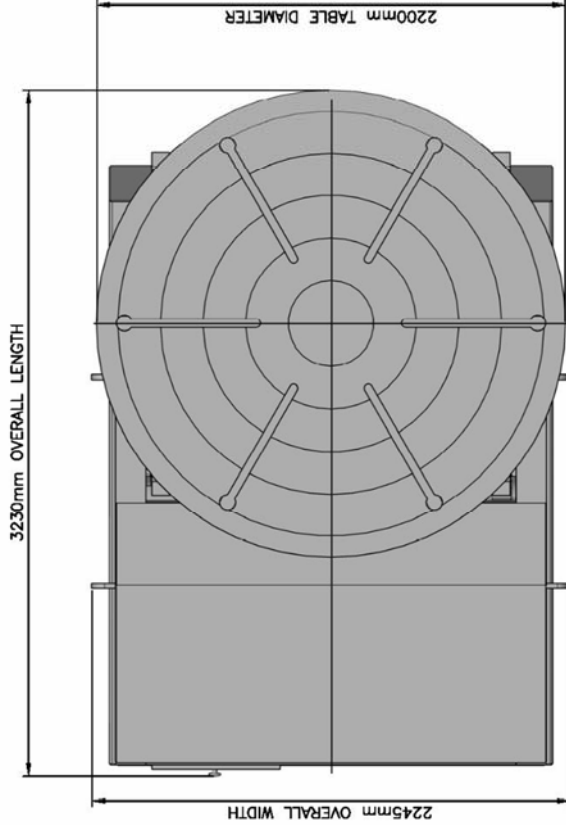
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SPECIFICATIONS FOR POSITIONER

MODEL	VP-25
SAFE WORKING LOAD	25 METRIC TONNES AT C OF G OF 500mm & 300mm ECCENTRICITY
DEGREE OF TILTING	135°
DEGREE OF ROTATION	360°
TILTING SPEED	220 seconds FOR 135°
ROTATION SPEED	0.033-0.66 RPM
HEIGHT TO TABLE HORIZONTAL	1800mm
HEIGHT TO TABLE VERTICAL	1495mm
TABLE DIMENSIONS	Ø2200mm WITH 6 OFF 42mm SLOTS
EARTHING	600 Amps
CONTROL PENDANT	15m CABLE
INCOMING SUPPLY	16amps
COLOUR	RAL3003 RED
WEIGHT	TBA

NOTES:
1/ THIS DRAWING WAS ACCURATE AT TIME OF PREPARATION BUT IS SUBJECT TO FINAL DESIGN REVISIONS



A3 DO NOT SCALE	THIRD ANGLE PROJECTION	DRAWN BY: KM/NM DATE: 20/06/2012	SCALE NTS	TITLE:	FIXED HEIGHT POSITIONER OVERVIEW FOR VP 25 TON CE	DRAWING NUMBER	FHP-25 CE-1-1001	REV	1
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Slip Ring Assembly

Table centre will be fitted with a 3 way heavy-duty slip ring assembly, with each ring being suitable for 300A @ 110V. The rings will each be wired with 95mm cable to terminate in the table face with 2 pairs of Dinse socket connectors which are 300A, complete with matching plug type. From the brush side of the assembly 95mm cable will run to terminate at opposite end of machine frame in a suitable junction box for customers connection. Thus giving 2 off power rings, 1 off common returns for the neutral.

The lower part of the slip ring assembly is fitted with, 3 way Cadmium plated thermocouple type "K" slip ring assembly and brush gear 5A @ 110V thermocouple termination on edge of table retained by suitable clip. Line socket with plug at table edge, and with panel socket and plug on machine frame in same junction box as above.

Additional Items

Diameter Selector – HMI display that allows the operator to input the welding diameter, and the welding speed. The positioner rotation speed is then set at the correct RPM for the weld speed at the selected diameter.

Manufacturing Time

16 weeks from receipt of order