



## Specification Data

### Positioners

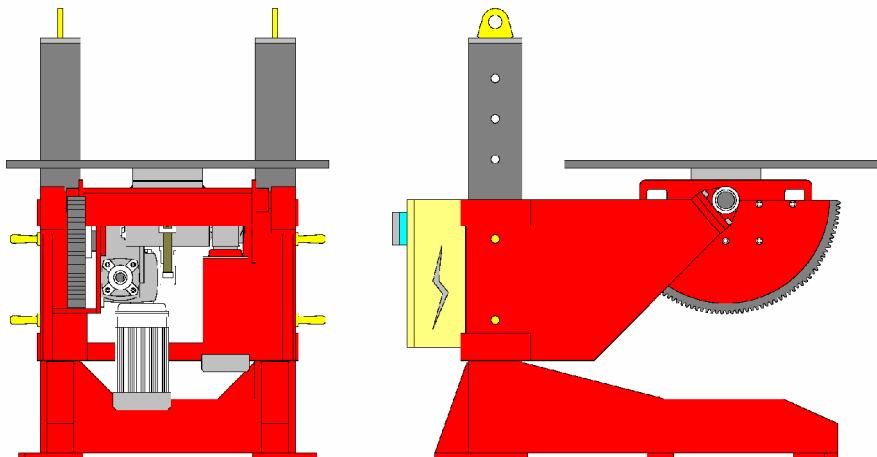
Capacity : 3 Tonnes

Adjustable Height

Model: RP3TS

**A&N Positioner Model RP3TS Series** is a 3 metric tonne capacity designed to give a maximum positioning benefit by using tilt and rotation of the table for easy positioning of the workpiece. Two robust columns permits the operator to adjust the vertical height manually in increments of 150 mm per slot/pitch to give a minimum table height of 1105mm up to maximum table height of 1705mm.

The table is machined with four radial slots for anchor bolts and centric marking on the table and is powered driven by AC motor controlled by the latest inverter control box fitted with remote pendant control to provide stop/start, forward/reverse, tilt and variable speed control. Tilt movement is electrically power driven by 1.5KW AC motor with Dynamic Braking through the reduction gearbox. Earth connections are made through a rotary earth clamp to ensure good earthing to the welding power source.



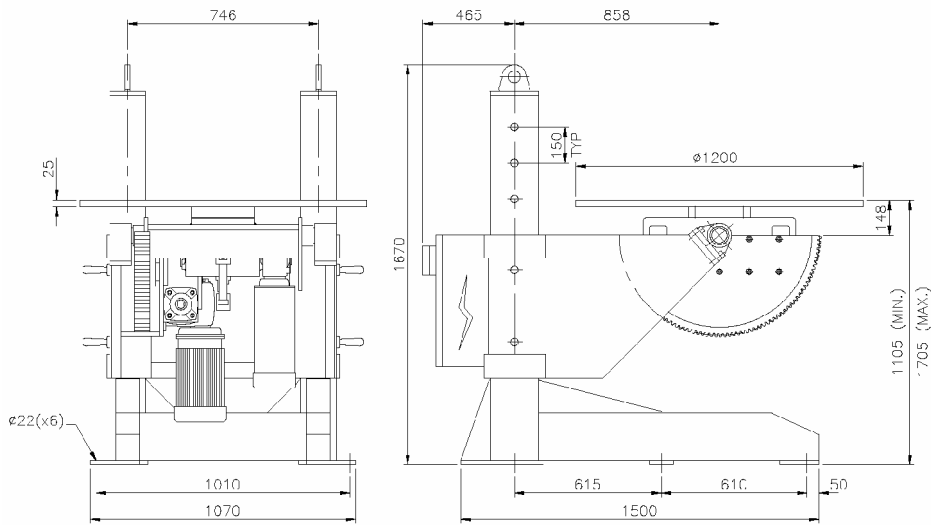
## Specifications

Model:	RP3TS- EA-D1200
Table Size:	Diameter of 1200mm
Pendant Control:	24VAC circuit, push button with 6metre cable
Input voltage:	400V/3phase/16amps/50Hz (Specify voltage requirement when ordering)
Turning Capacity:	3-metric ton at 300mm (refer load chart)
Rotation Speed:	0.1 to 0.95rpm
Tilting Capacity:	3-metric ton at 300mm (refer load chart)
Tilt Range:	0 to 135 Degrees
Tilt Speed:	135 Degree at 80second
Rotation Drive Motor:	1.5 KW motor
Rotation Drive Control:	1x1.5 KW AC inverter
Tilt Drive Motor:	1.5KW c/w brake
Estimate weight:	1700Kgs

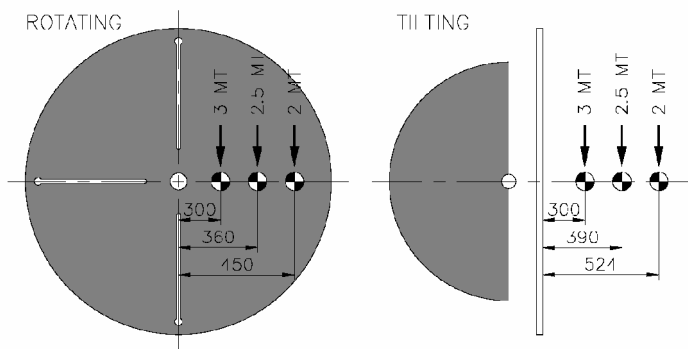
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RP3TS Series (3 Tonne)

## Dimensions



## LOAD CHART



## Optional Item

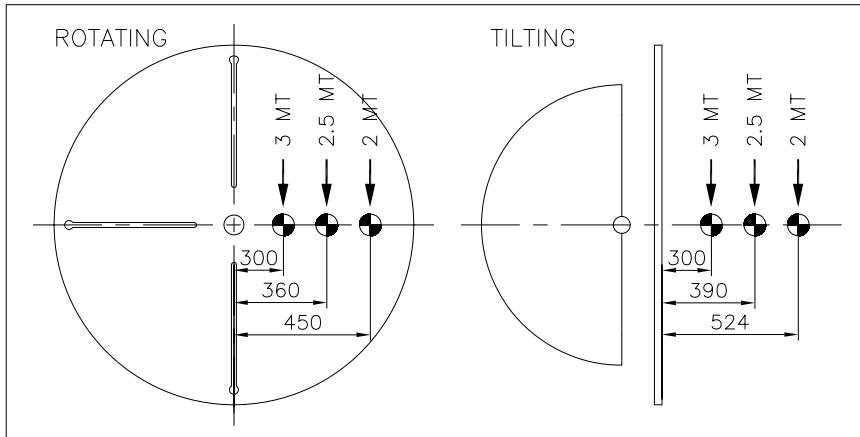
Following optional items are available and have to be factory installed:-

- Encoder
- Tachometer
- Foot Switch

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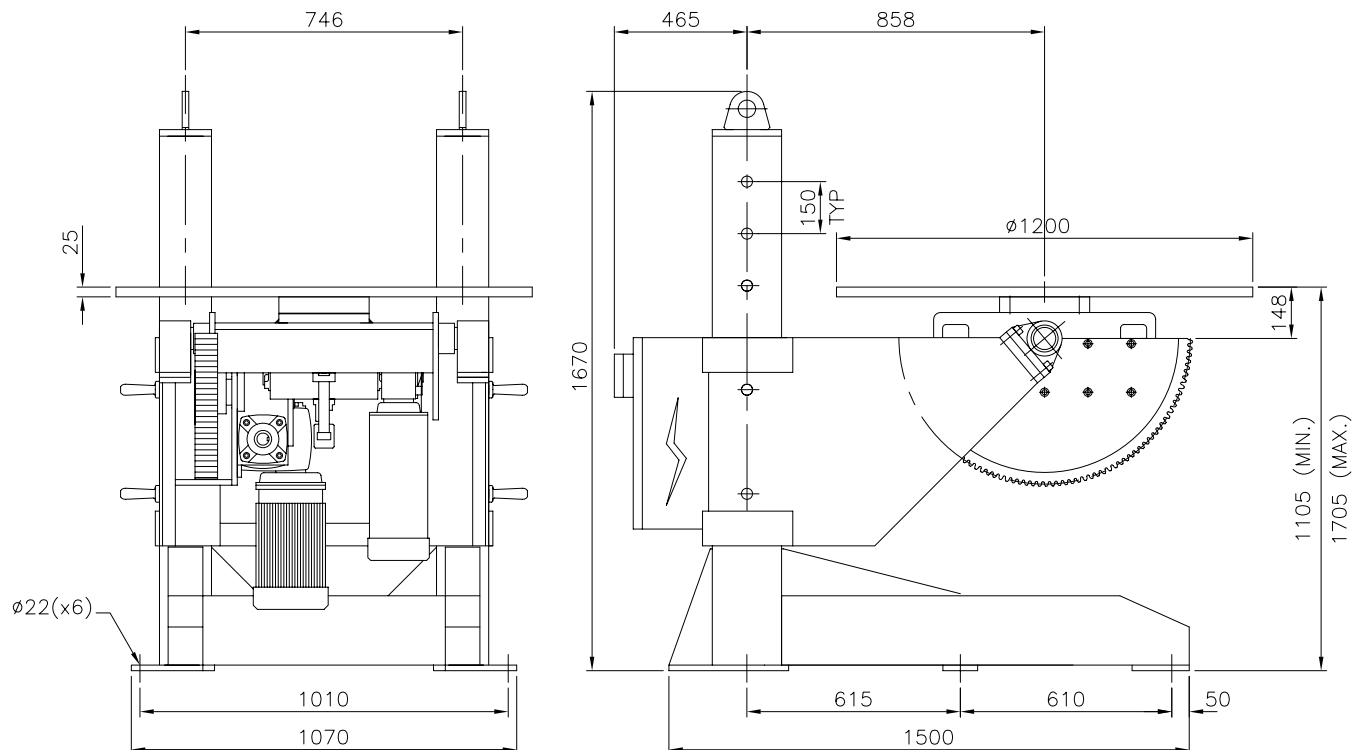
RP3TS Series (3 Tonne)



LOAD CHART



Specification for Positioner

1	Model	RP3TS-EA-D1200
2	Capacity (Turning)	3MT @300mm (Please refer to Load Chart)
3	Capacity (Tilting)	3MT @300mm (Please refer to Load Chart)
4	Electrical Panel	Yes
5	Rotation Speed	0.1~1rpm at 5~50Hz
6	Tilt Range	0~135 Degrees
7	Incoming Supply	415V-3P-50Hz
8	Control Voltage	24VAC
9	Rotation Drive Control	1.5kW AC Inverter
10	Control Means	Via Push Button Pendant c/w 6m Cable
11	Rotation Drive Motor	1 x 1.5kW c/w Force Cooling
12	Tilt Speed	135Deg in 80sec
13	Tilt Drive Motor	1 x 1.5kW c/w Brake
14	Surface Preparation	Gritblast to SA2.5
15	Painting	2 coat Zinc Phosphate, 1 coat Polyurethane
16	Color	RAL 3003 Red
17	Qty	T.B.A
18	Est Weight(kg)	1570



 <b>A&amp;N PLANT</b> ROTATORS - COLUMN BOOMS - POSITIONERS			PROJECT/MODEL : RP3TS-EA-D1200			
DRAWN Kris			CLIENT : XXX			SCALE: N.T.S
APPROVED			DWG. NAME : GENERAL ARRANGEMENT			REVISION: 0
			DWG. NO. : SD-RP3TS-EA-D1200			SHEET NO: 1 OF 1
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