



Specification Data

Conventional Rotators

Capacity : 150 tonnes

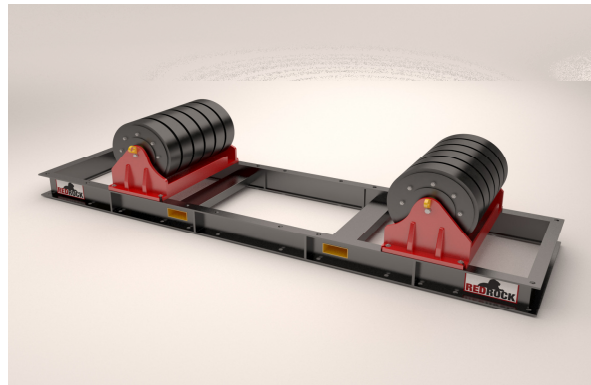
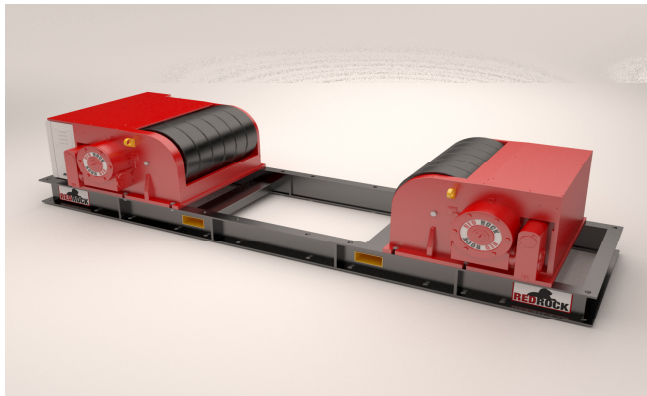
MODEL: RWPP150/300-31-FM-WE

RedRock rotators are a robust heavy duty design built to withstand the harsh and rugged environments expected in the world of welding and fabrication requirements. Our proven design uses 7 off 520mm diameter 700mm width replaceable hard-wearing polyurethane tyres mounted onto a cast steel drum for maximum durability and superior traction.

The powered drive unit drives all wheels synchronized using the AC gear motors via the latest inverter control. A hand held low voltage control pendant on a 10-metre cable provides the operator with full control of the rotator including a potentiometer for varying the speed, forward/reverse and stop.

All **RedRock** rotators are grit blasted to SA 2.5 for all structural steel and polyurethane paintwork ensuring that your investment provides you with many years of reliable, trouble-free use.

The idler roll has the same dimension to match the powered drive unit. See GA drawing attached.



Power rolls specifications

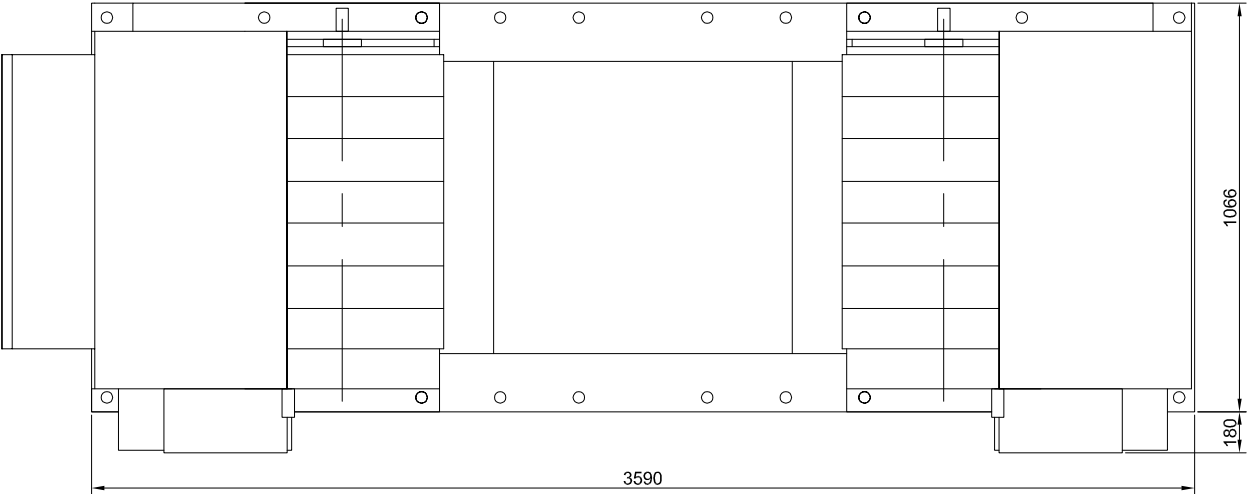
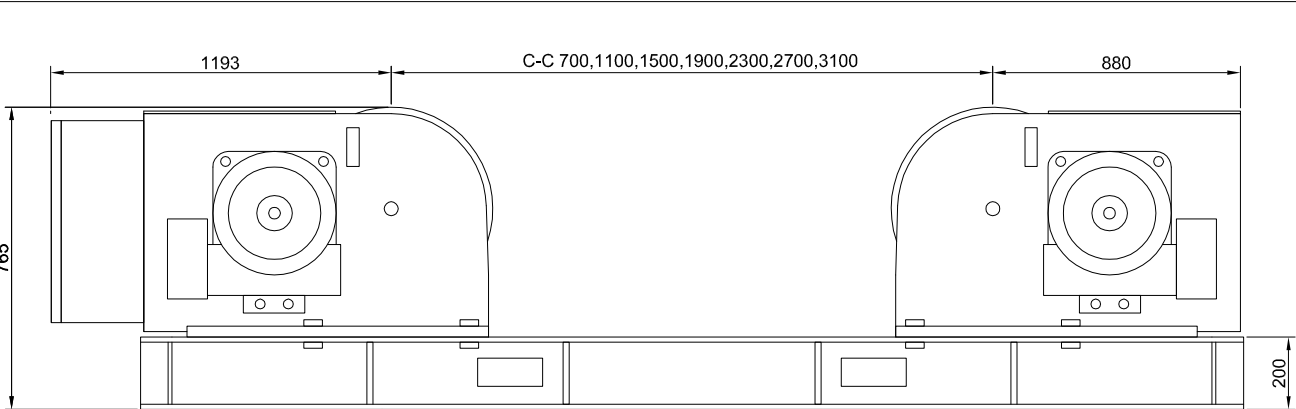
Model:	RWPP150/300-31-FM-WE
Load Capacity:	150 Metric ton (1 power & 1 idler)
Rotation Capacity:	300 metric ton (1 power)
Rotation Speed:	130 to 1300mm/min
Vessel diameter:	Min 470mm to Max 7580mm (at 3100mm C-C) @ 45 degree included angle
Incoming supply:	380-415V/3Phase/50-60/hz (specify input voltage when ordering)
AC Inverter:	15KW
Motor rating:	2 x 7.5KW AC Motors
Control voltage:	24V low voltage control
Weight:	3000Kg Drive Unit 1860Kg Idler Unit



Specifications for Rotator		
1	Model	RWPP150-300-31-FM-WE
2	Loading Capacity	75 MT
3	Turning Capacity	300 MT
4	Vessel Size Min.	Ø470mm at 90° Included Angle, at C-C 700mm
5	Vessel Size Max.	Ø7580mm at 45° Included Angle, at C-C 3100mm
6	Tyre/Drum Type & Size	Polyurethane, Ø520mm x 700mm, Shore 'A' 90~93
7	Roller Speed	130~1300mm/min at 5~50Hz
8	Roller Drive Motor	2x AC 7.5kW Motor c/w Force Cooling
9	Travel Car	No
10	Travel Car Speed	N.A.
11	Travel Car Drive	N.A.
12	Drive Control	AC 15KW Inverter
13	Electrical Panel	Yes
14	Incoming Supply	380/400/415V-3P-50Hz or 440/460/480V-3P-60Hz ¹
15	Control Voltage	24Vac
16	Control Means	Via Push Button Pendant c/w 10m Cable
17	Surface Preparation	Gritblast to SA2.5
18	Painting	Lead free, 2 Coats Zinc Phosphate, 1 Coat Polyurethane
19	Colour	RAL3003 Red & RAL9005 Black for Skid & drum only
20	Qty	1 Unit
21	Weight	~3000kg
22	Shipping Size	359 x 125 x 77 cm

Note:

1. Input terminals are wired for 400V by default.

2. This drawing is accurate at time of preparation and maybe subjected to final design changes.

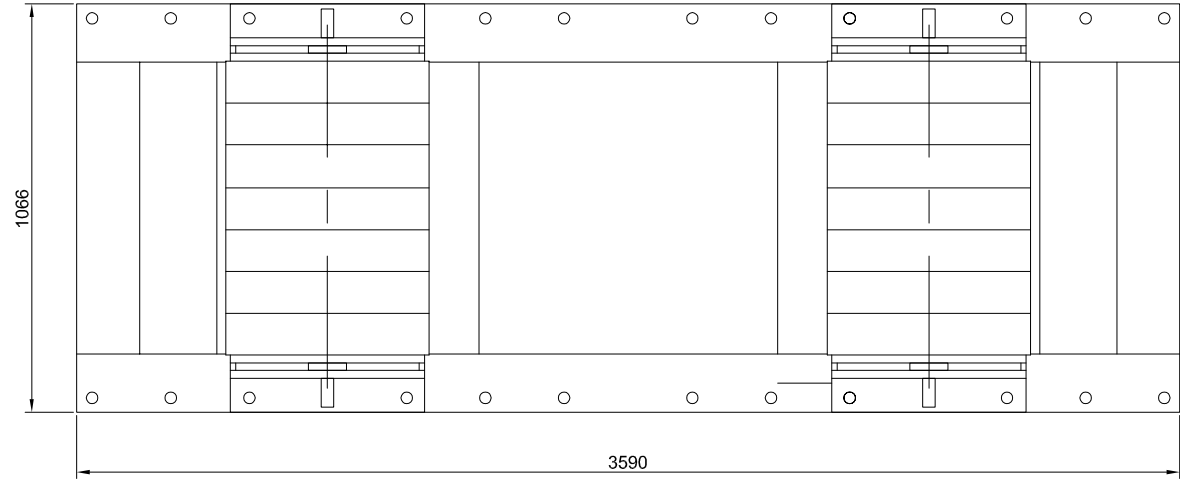
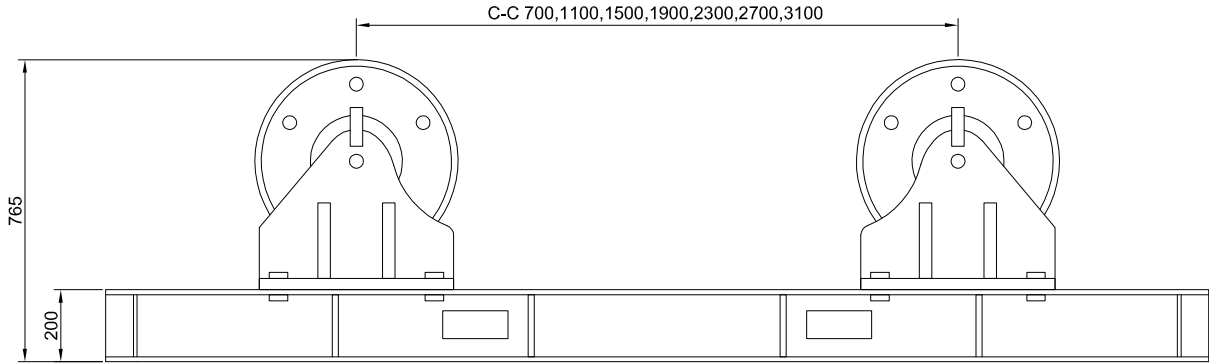




		All dimensions in mm unless otherwise specified.		REV	DATE	DESCRIPTION	EDIT BY	REMARKS			
		CUSTOMER APPROVAL	CHECKED BY:	DRAWN BY: IC	CUSTOMER:						SCALE: N.T.S.
					DRAWING NAME: Rotator 150MT Power						
					DRAWING NO.: RWPP150-300-31-FM-WE						REVISION: 0
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			05-07-2010								

Specifications for Rotator		
1	Model	RWIP150-31-FM
2	Loading Capacity	75 MT
3	Turning Capacity	N.A.
4	Vessel Size Min.	Ø470mm at 90° Included Angle, at C-C 700mm
5	Vessel Size Max.	Ø7580mm at 45° Included Angle, at C-C 3100mm
6	Tyre/Drum Type & Size	Polyurethane, Ø520mm x 700mm, Shore 'A' 90~93
7	Roller Speed	N.A.
8	Roller Drive Motor	N.A.
9	Travel Car	No
10	Travel Car Speed	N.A.
11	Travel Car Drive	N.A.
12	Drive Control	N.A.
13	Electrical Panel	N.A.
14	Incoming Supply	N.A.
15	Control Voltage	N.A.
16	Control Means	N.A.
17	Surface Preparation	Gritblast to SA2.5
18	Painting	Lead free, 2 Coats Zinc Phosplate, 1 Coat Polyurethane
19	Colour	RAL3003 Red & RAL9005 Black for Skid & drum only
20	Qty	1 Unit
21	Weight	1860kg
22	Shipping Size	359 x 107 x 77 cm

Note:

1. This drawing is accurate at time of preparation and maybe subjected to final design changes.



<div></div>		<div>All dimensions in mm unless otherwise specified.</div>		REV DATE DESCRIPTION		EDIT BY	REMARKS		
				CUSTOMER:				SCALE: N.T.S.	
				DRAWING NAME:		Rotator 150MT Idler			
				DRAWING NO.:		RWIP150-31-FM		REVISION: 0	
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