



Specification Data

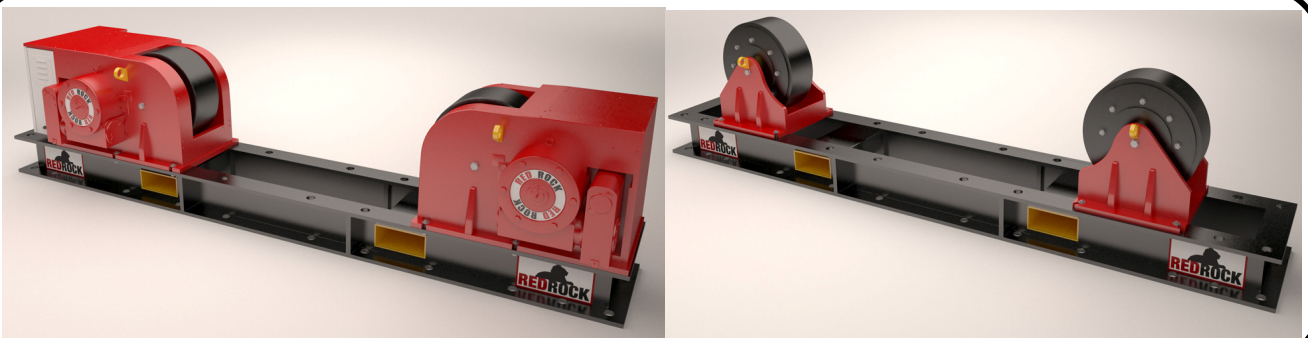
Conventional Rotators
Capacity : 300 tonnes
MODEL: RWPS300/300-31-FM-WE
Fitted with steel wheels

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 660mm diameter 250mm width, steel wheels crowned and hardened mounted onto a cast steel drum for 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.



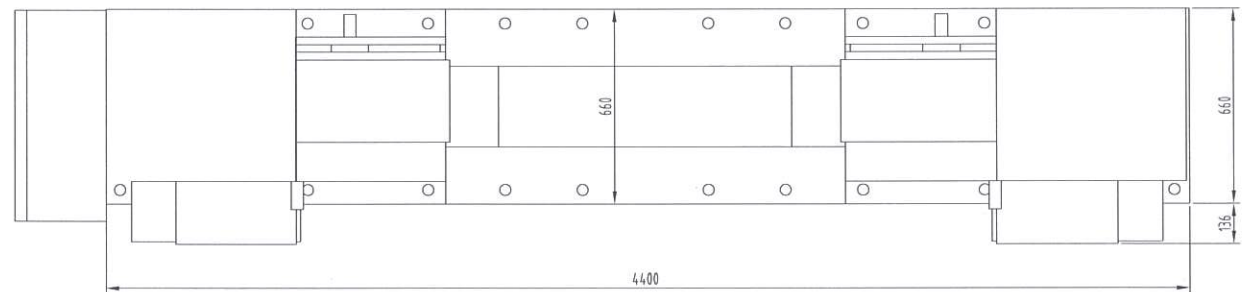
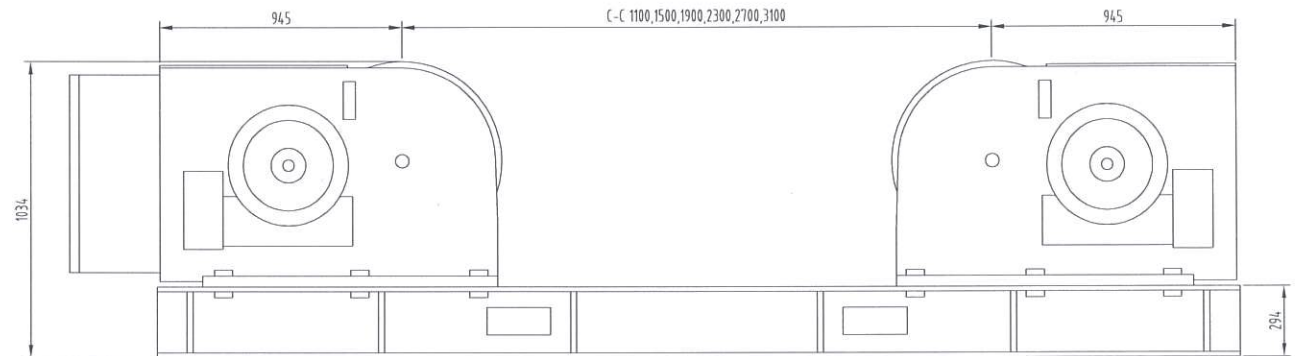
Power rolls specifications

Model:	RWPS300/300-31-FM-WE
Load Capacity:	300 metric ton (1 power & 1 idler)
Rotation Capacity:	300 metric ton (1 power)
Rotation Speed:	186 to 1860mm/min
Vessel diameter:	Min 1540mm to Max 7440mm (at 3100mm C-C) @ 45 degree included angle
Incoming supply:	380-415V/3Phase/50/60/hz (specify input voltage when ordering)
AC Inverter:	15 kW
Motor rating:	2 x 7.5 kW AC Motors
Control voltage:	24V low voltage control
Weight:	3,870 Kg Drive Unit 3,870 Kg Idler Unit

Specifications for Rotator	
1 Model	RWPS300-300-31-FM-WE
2 Loading Capacity	150 MT
3 Turning Capacity	300 MT
4 Vessel Size Min.	Ø1540mm at 60° Included Angle, at C-C 1100mm
5 Vessel Size Max.	Ø7440mm at 45° Included Angle, at C-C 3100mm
6 Tyre Type & Size	Steel Wheel, Ø660mm x 250mm,
7 Roller Speed	186~1860mm/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 Zinc Phosphate, 1 Coat Polyurethane
19 Colour	RAL3003 RED & RAL9005 BLACK for Skid only
20 Qty	2 Units
21 Weight	~3870kg
22 Shipping Size	440 x 80 x 105 cm

Note:

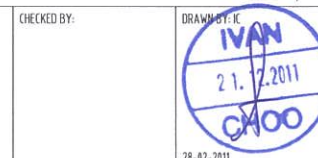
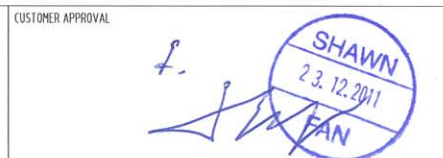
1. Input terminals are wired for 400V by default.
2. This drawing is accurate at the time of preparation and maybe subject to final design change.



All dimensions in mm unless otherwise specified.

3	21-12-11	As Built	IC	
2	01-06-11	Update on skid width	IC	
1	07-04-11	Update on the vertical height	IC	
REV	DATE	DESCRIPTION	EDIT BY	REMARKS

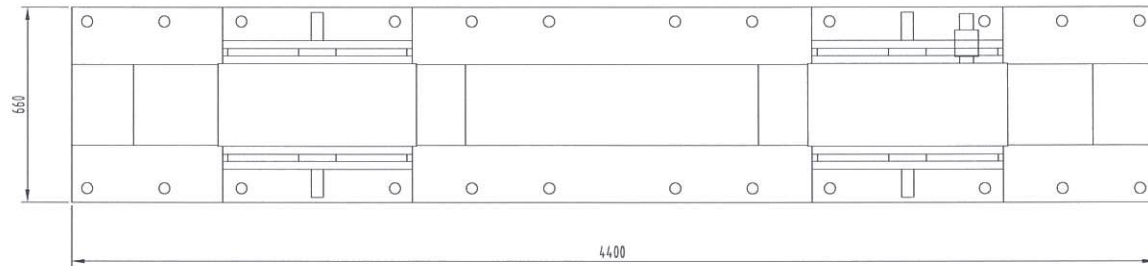
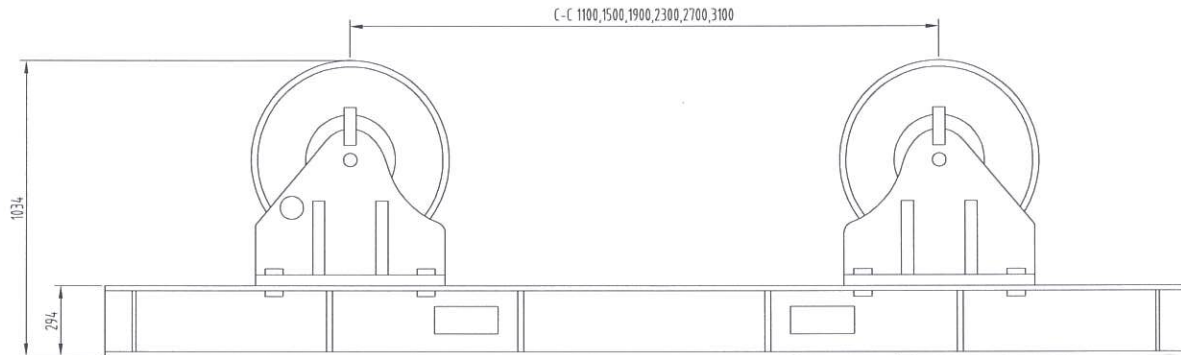
CUSTOMER APPROVAL		CUSTOMER:		SCALE:
DRAWING NAME: Rotator 300MT Power		DRAWING NO: PD-0053-GA09		N.T.S.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREOF ARE THE SOLE PROPERTY OF RED ROCK. DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.		REVISION: 3		SHEET: 1 OF 1



Specifications for Rotator		
1	Model	RWIS300-31-FM
2	Loading Capacity	150 MT
3	Turning Capacity	N.A.
4	Vessel Size Min.	Ø1540mm at 60° Included Angle, at C-C 1100mm
5	Vessel Size Max.	Ø17440mm at 45° Included Angle, at C-C 3100mm
6	Tyre/Drum Type & Size	Steel Wheel, Ø660mm x 250mm
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 Zinc Phosphate, 1 Coat Polyurethane
19	Colour	RAL3003 Red & RAL9005 Black for skid only
20	Qty	2 Units
21	Weight	~3870kg
22	Shipping Size	440 x 66 x 105 cm

Note:

1. This drawing is accurate at the time of preparation and maybe subject to final design change.



All dimensions in mm unless otherwise specified.

3	21-12-11	As Built	IC	
2	01-06-11	Update on the skid length and width	IC	
1	07-04-11	Update on the dimensions	IC	
REV	DATE	DESCRIPTION	EDIT BY	REMARKS
CUSTOMER:				
DRAWING NAME: Rotator 300MT Idler				
DRAWING NO.: PD-0053-GA10				
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				SCALE: N.T.S.
				REVISION: 3
				SHEET: 1 OF 1



CUSTOMER APPROVAL



CHECKED BY:

DRAWN BY:



28-02-2011