



Specification Data

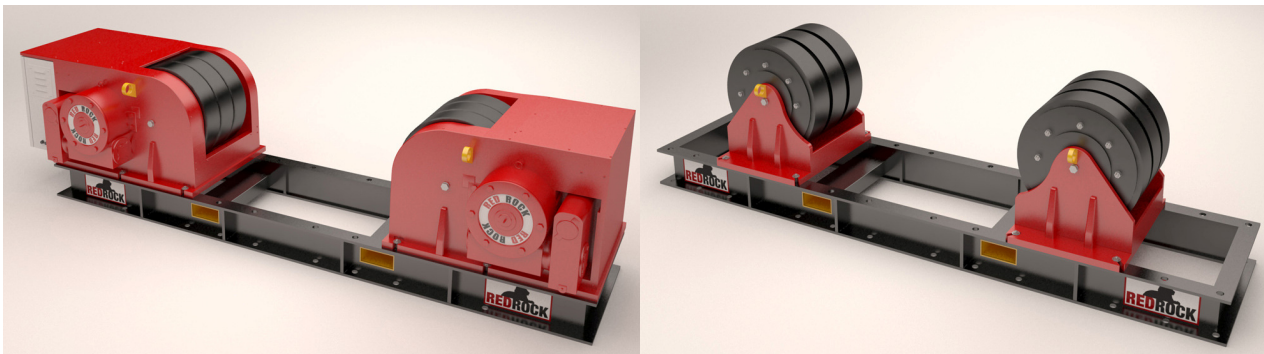
Conventional Rotators
Capacity : 300 tonnes
MODEL: RWPP300/300-31-FM-WE
Fitted with polyurethane tyres

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 3 off 660mm diameter 275mm width.

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.



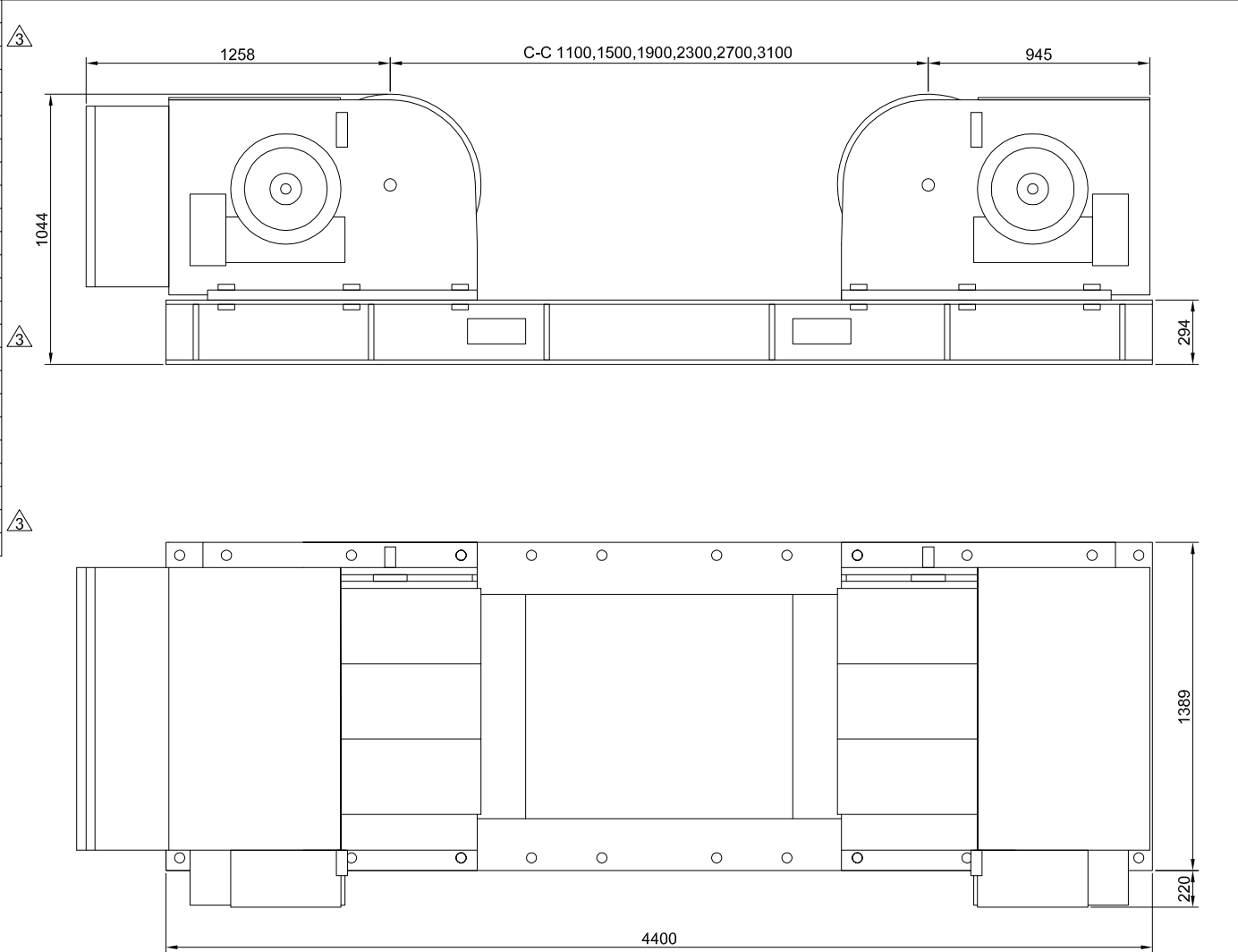
Power rolls specifications

Model:	RWPP300/300-31-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:	15KW
Motor rating:	2 x 7.5KW AC Motors
Control voltage:	24V low voltage control
Weight:	7,500 Kg Drive Unit 5,100Kg Idler Unit



Specifications for Rotator		
1	Model	RWPP300-300-31-FM-SE
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	Polyurethane, Ø660mm x 275mm, Shore 'A' 90~93
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	Synchronise Ready	Yes
15	Incoming Supply	380/400/415V-3P-50Hz or 440/460/480V-3P-60Hz ¹
16	Control Voltage	24Vac
17	Control Means	Via Push Button Pendant c/w 10m Cable
18	Surface Preparation	Gritblast to SA2.5
19	Painting	Lead Free, 2 Zinc Phosphate, 1 Coat Polyurethane
20	Colour	RAL3003 RED & RAL9005 BLACK for Skid only
21	Rotator Qty	2 Units
22	Synchronise Cable Qty	1 x 30m
23	Weight	~7500kg

Note:

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



All dimensions in mm unless otherwise specified.

	CUSTOMER APPROVAL	CHECKED BY:	DRAWN BY: SF	3	21-01-11	Adding synchronised control and cable to the panel	IC		
				2	26-10-10	Update of equipment colour	IC		
				REV	DATE	DESCRIPTION	EDIT BY	REMARKS	
				CUSTOMER:					SCALE: N.T.S.
				DRAWING NAME: Rotator 300MT Power					
				DRAWING NO.: PD-000023-GA01					REVISION: 3
			08-10-2010	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.					SHEET: 1 OF 1

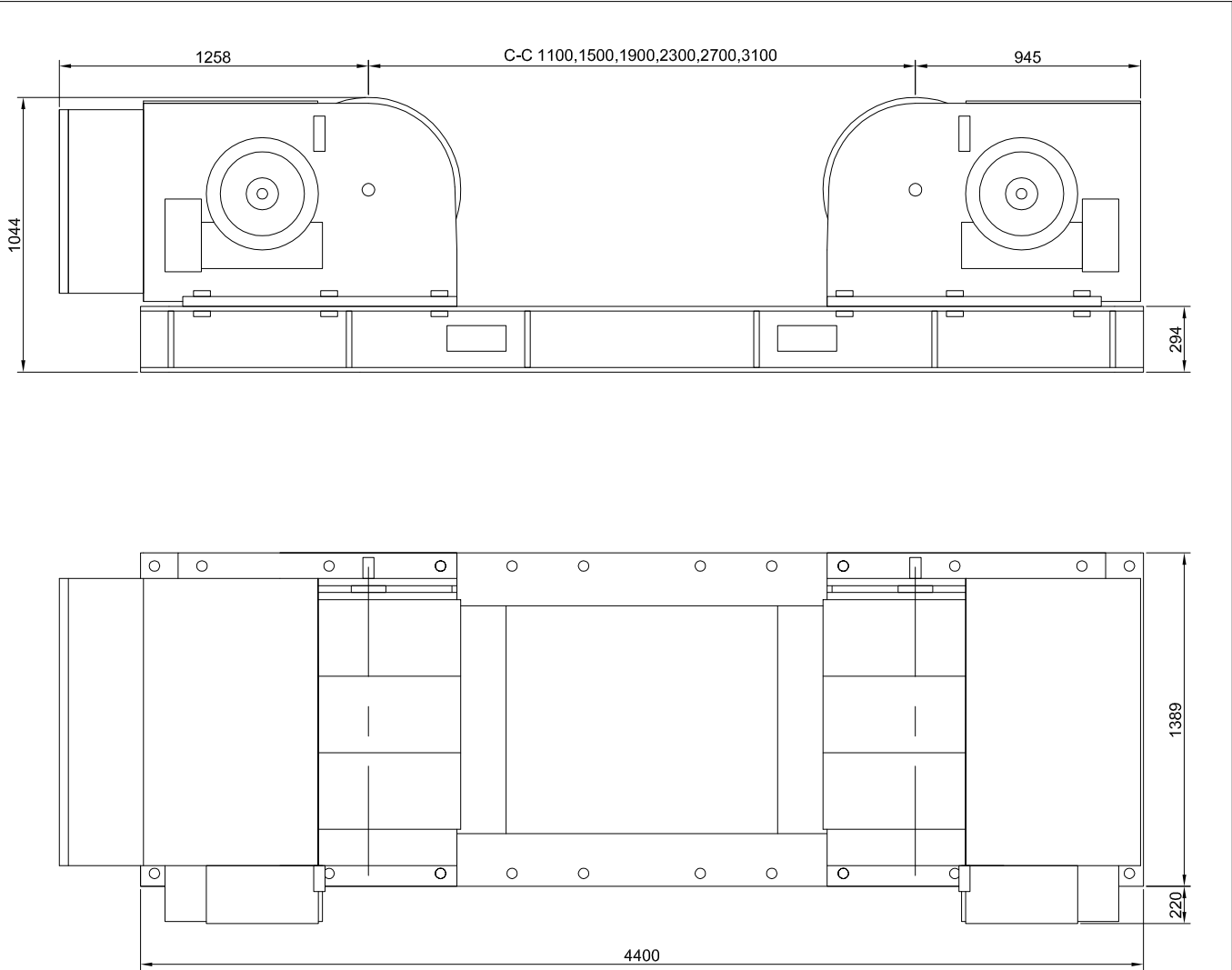
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
Specifications for Rotator		
1	Model	RWPP300-300-31-FM-WE
2	Loading Capacity	150 MT
3	Turning Capacity	300 MT
4	Vessel Size Min.	Ø1540mm at 60° Included Angle, at C-C 1100mm
5	Vessel Size Max.	Ø7440mm at 45° Included Angle, at C-C 3100mm
6	Tyre Type & Size	H.D. PU, Ø660mm x 275mm, 3 tyres per drum
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 & drum only
20	Qty	1 Unit
21	Weight	~7500kg
22	Shipping Dim.	440 x 161 x 105 cm

Note:

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

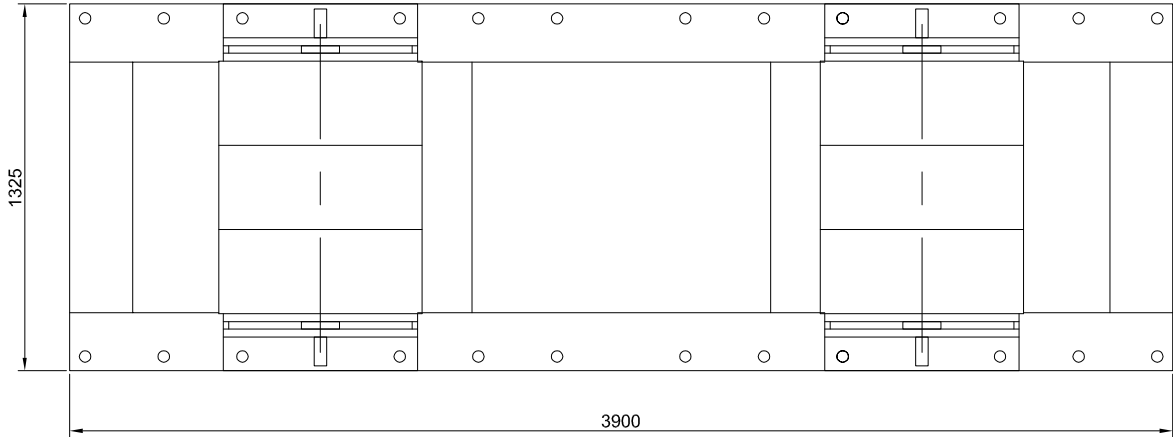
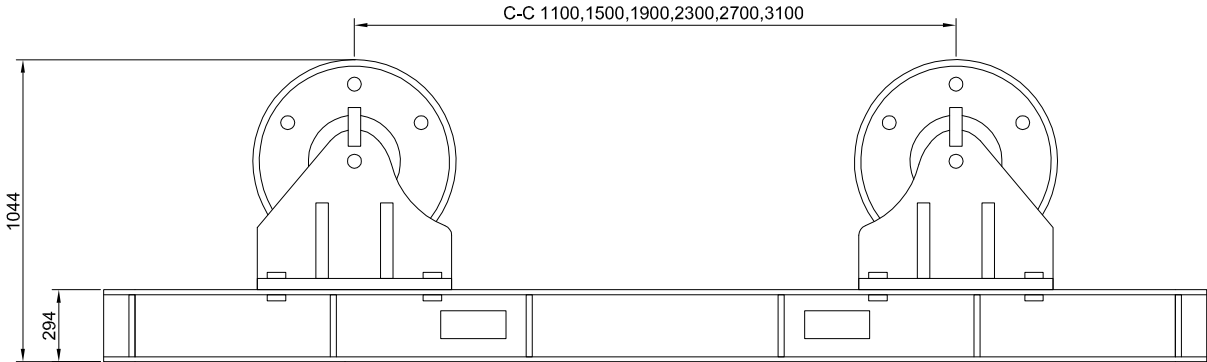
2. This drawing is accurate at ime of preparation and maybe subjected to final design changes.





		All dimensions in mm unless otherwise specified.		REV	DATE	DESCRIPTION	EDIT BY	REMARKS	SCALE: N.T.S.
		CUSTOMER APPROVAL	CHECKED BY:	DRAWN BY: IC	CUSTOMER:				
					DRAWING NAME: Rotator 300MT Power				REVISION:
					DRAWING NO.: RWPP300-300-31-FM-WE				0
				30-12-2010	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.				SHEET: 1 OF 1

Specifications for Rotator		
1	Model	RWIP300-31-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.	Ø7440mm at 45° Included Angle, at C-C 3100mm
6	Tyre Type & Size	H.D. PU, Ø660mm x 275mm, 3 tyres per drum
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 & drum only
20	Qty	1 Unit
21	Weight	~5100kg
22	Shipping Dim.	390 x 133 x 105 cm

Note:
 1. 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 300MT Idler		
						DRAWING NO.: RWIP300-31-FM		REVISION: 0
				25-01-2011		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.		SHEET: 1 OF 1