



## Specification Data

Conventional Rotators  
Capacity: 80/120 Tonnes  
MODEL: RWPP80/120-27-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 4 off 520mm diameter 400mm 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

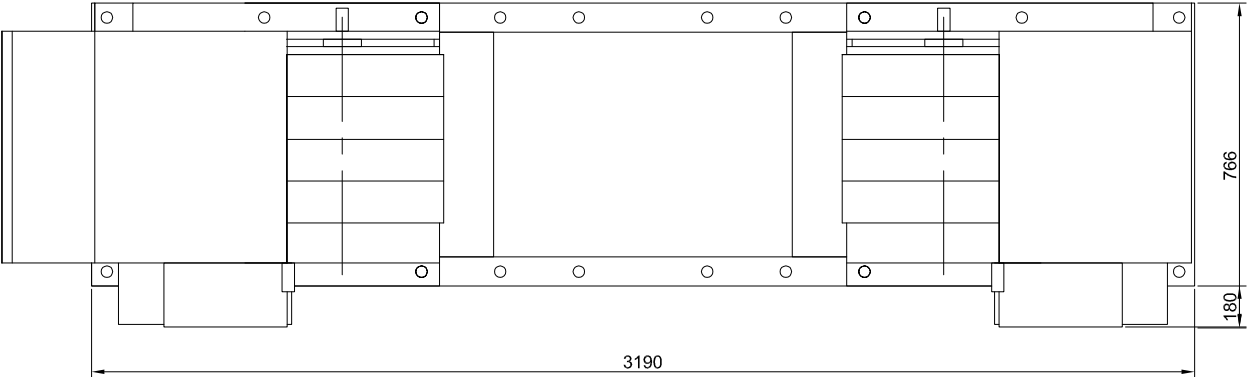
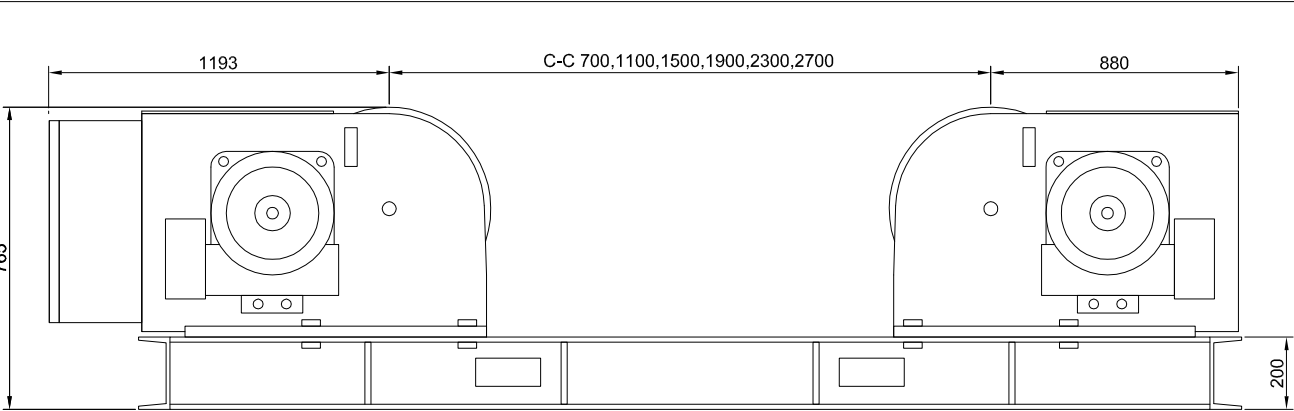
Model:	RWPP80/120-27-FM-WE
Load Capacity:	80 metric ton (1 power & 1 idler)
Rotation Capacity:	120 metric ton (1 power)
Rotation Speed:	130 to 1300mm/min
Vessel diameter:	Min 470mm to Max 5490mm (at 2300mm C-C) @ 45 degree included angle
Incoming supply:	380-415V/3Phase/50-60/hz (specify input voltage when ordering)
AC Inverter:	5.5KW
Motor rating:	2 x 2.2KW AC motors
Control voltage:	24V low voltage control
Weight:	2350Kg Drive Unit 1410Kg Idler Unit



Specifications for Rotator		
1	Model	RWPP80-120-27-FM-WE
2	Loading Capacity	40 MT
3	Turning Capacity	120 MT
4	Vessel Size Min.	Ø470mm at 90° Included Angle, at C-C 700mm
5	Vessel Size Max.	Ø5490mm at 45° Included Angle, at C-C 2300mm
6	Tyre/Drum Type & Size	Polyurethane, Ø520mm x 400mm, Shore 'A' 90~93
7	Roller Speed	130~1300mm/min at 5~50Hz
8	Roller Drive Motor	2x AC 2.2kW 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 5.5KW Inverter
13	Electrical Panel	Yes
14	Incoming Supply	380/400/415V-3P-50Hz or 440/460/480V-3P-60Hz <sup>1</sup>
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	~2350kg
22	Shipping Size	3190 x 946 x 765 mm

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.

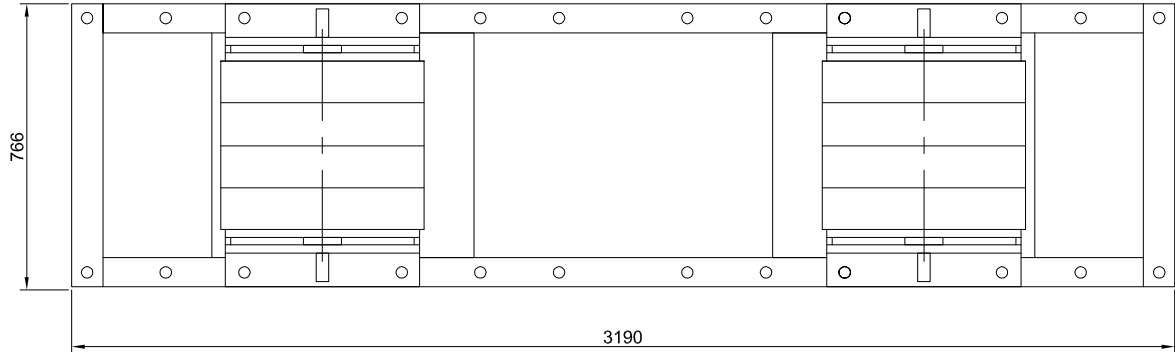
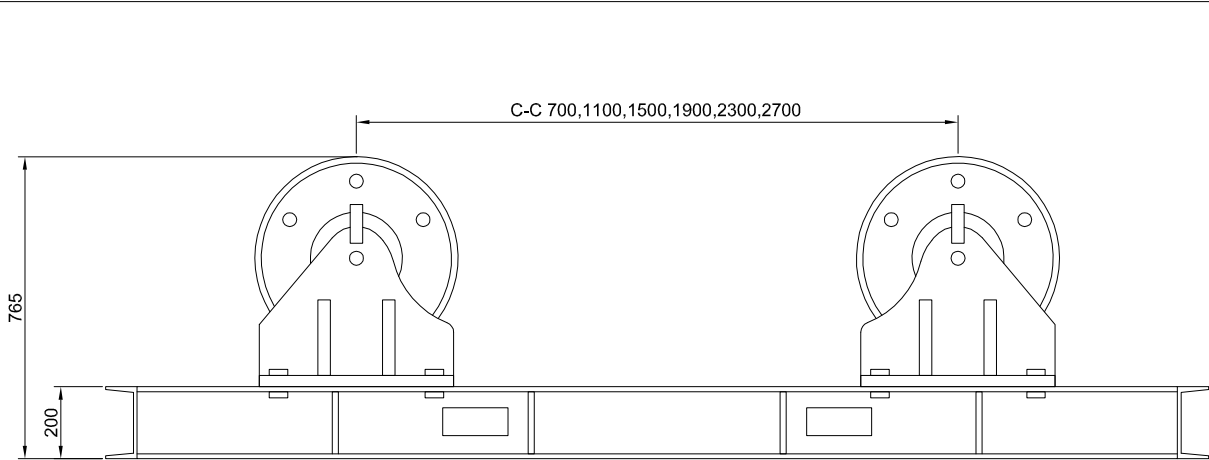




		All dimensions in mm unless otherwise specified.		REV	DATE	DESCRIPTION	EDIT BY	REMARKS	SCALE: N.T.S.
		CUSTOMER APPROVAL	CHECKED BY:	DRAWN BY: SF	CUSTOMER:				
					DRAWING NAME: Rotator 80MT Power				REVISION:
					DRAWING NO.: RWPP80-120-27-FM-WE				0
				05-07-2010	THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREOF ARE THE SOLE PROPERTY OF REDROCK. DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.				SHEET: 1 OF 1

Specifications for Rotator		
1	Model	RWIP80-27-FM
2	Loading Capacity	40 MT
3	Turning Capacity	N.A.
4	Vessel Size Min.	Ø470mm at 90° Included Angle, at C-C 700mm
5	Vessel Size Max.	Ø6535mm at 45° Included Angle, at C-C 2700mm
6	Tyre/Drum Type & Size	Polyurethane, Ø520mm x 400mm, 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	1410kg
22	Shipping Size	319 x 77 x 77 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: SF	CUSTOMER:				SCALE: N.T.S.
					DRAWING NAME: Rotator 80MT Idler				
					DRAWING NO.: RWIP80-27-FM				REVISION: 0
				05-07-2010	THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREOF ARE THE SOLE PROPERTY OF REDROCK. DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.				SHEET: 1 OF 1