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.: 9470mm at 90° Included Angle, at C-C 700mm
5. Vessel Size Max.: 97580mm at 45° Included Angle, at C-C 3100mm
6. Tyre/Drum Type & Size: Polyurethane, 8520mm x 700mm, Shore A 90-93
7. Rotator 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 19kW Inverter
13. Electrical Panel: Yes
14. Incoming Supply: 380V/400V/415V-3P-50Hz or 440V/460V/480V-3P-60Hz *
15. Control Voltage: 24Vac
16. Control Means: Via Push Button Pendant c/w 10m Cable
17. Surface Preparation: Grit Blast 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: ~3200kg
22. Shipping Size: 350 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 may be subjected to final design changes.
Specifications for Rotator

1. Model: RWIP150-31-FM
2. Loading Capacity: 75 MT
3. Turning Capacity: N.A.
4. Vessel Size Min.: Ø4700mm at 90° Included Angle, at C-C 700mm
5. Vessel Size Max.: Ø57580mm at 45° Included Angle, at C-C 3100mm
6. Tyre/Drum Type & Size: Polyurethane, Ø520mm x 700mm, Shore 'A' 90-93
7. Roter 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.
15. Control Voltage: N.A.
16. Control Means: N.A.
17. Surface Preparation: Grind last 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: 1962kg
22. Shipping Size: 350 x 107 x 77 cm

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