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 2 off 520mm diameter 200mm width, replaceable hard-wearing polyurethane tyres 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 a 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:** RWPP40/60-23-FM-WE
- **Load Capacity:** 40 metric ton (1 power & 1 idler)
- **Rotation Capacity:** 60 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:** 2.2KW
- **Motor rating:** 2 x 1.1KW AC motors
- **Control voltage:** DC 24V low voltage control
- **Weight:** 1400Kg Drive Unit
  850Kg Idler Unit
### Specifications for Rotator

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**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 changes.

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Rotator 40MT Power

**DRAWING NO.:** RWPP40-60-23-FM-FE
**DRAWING NAME:** Rotator 40MT Power
**CUSTOMER:**
**CHECKED BY:**
**DRAWN BY:**
**DATE:** 27-07-2010

**REMARKS:**

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**REDROCK**

**CUSTORER APPROVAL**

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**SCALE:**

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**REVISION:** 0

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**SHEET:** 1 OF 1

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Specifications for Rotator

1. Model: RWIP40-23-FM
2. Loading Capacity: 20 MT
3. Turning Capacity: N.A.
4. Vessel Size Min.: Ø4700mm 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, Ø5260mm x 200mm, Shore A’ 90-93
7. Rotot Speed: N.A.
8. Roller Drive Motor: N.A.
9. Roller Drive Control: N.A.
10. Travel Car: No
11. Travel Car Speed: N.A.
12. Travel Car Drive: N.A.
13. Electrical Panel: N.A.
15. Control Voltage: N.A.
16. Control Means: N.A.
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: ~852kg
22. Shipping Size: 2790 x 56 x 77 cm

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