Red Rock Self Aligning Rotators are robustly designed and built to withstand the harsh and rugged environments expected of such applications and permits rollers to align themselves to the work-piece without the need for manual pre-adjustment irrespective of ovality or irregularity. It uses replaceable polyurethane tyres mounted onto a cast steel drum for durability and superior traction.

On the powered model both tyres are simultaneously driven by an AC gear motor fitted with inverter control box. 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, start/stop, forward/reverse and emergency stop.

Standard 3170mm base frame length can accommodate vessel diameters ranging from diameter 300mm to 6000mm. Grit blasting to SA 2.5 for all structural steel and polyurethane paintwork will ensure that your investment provides you with many years of uninterrupted use.

The idler roll has the same dimension to match the powered roll.

OPTIONAL ITEMS

<table>
<thead>
<tr>
<th>Devices</th>
<th>AC-</th>
<th>ACM-</th>
<th>Y-</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Anti-creep device manual</td>
<td>Anti-creep device motorised</td>
<td>Lead screw type Cadjustment</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional</th>
<th>TC-</th>
<th>TCM-</th>
</tr>
</thead>
<tbody>
<tr>
<td>Idler Roll</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travel Car</td>
<td>Manual travel car</td>
<td>Motorised travel car</td>
</tr>
</tbody>
</table>
**Specification**

1. **Model:** RSPP160-200-23-PF-7E
2. **Capacity (loading):** 800T
3. **Capacity (turning):** 2000T
4. **Vessel Size (min):** 4000m at 90° (included angle) at C-C 1900mm
5. **Vessel Size (max):** 4500m at 90° (included angle) at C-C 2300mm
6. **Tire/Drum Type and Size:** Polycrystal, 450mm x 600mm, Short A 30-5S
7. **Roller Speed:** 10-150rpm/min at 5-10m (Bottom 5 levels driven only)
8. **Incoming Supply:** 380/660/415V-50-50Hz or 400/460V-60Hz
9. **Electrical Panel:** Yes
10. **Control Voltage:** 24Vdc
11. **Roller Drive Control:** AC THY Inverter
12. **Control Means:** Via Control Panel & 10m Cable
13. **Roller Drive Motor:** 2 x 5.5kW AC L/C Force cooling (By Others)
14. **Surface Preparation:** Grit Blast to SA2.5
15. **Painting:** Lead Fum, Anti-corrosive Primers, 2 Coat Polyurethane
16. **Color:** 061100 Text & RAL 9005 Black for void and dry
17. **Quantity:** 1
18. **Est. Weight of Rotator:** 91500kg

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