

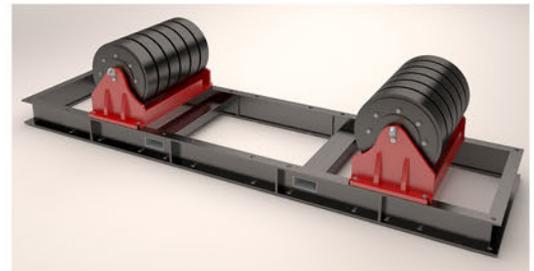
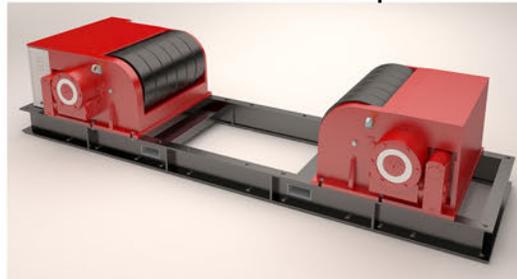
RWPP125/250-31-FM-WE

Harbach Positioning 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 6 off 520mm diameter 600mm width replaceable hard-wearing polyurethane tires 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-meter cable provides the operator with full control of the rotator including a potentiometer for varying the speed, forward/reverse and stop.

All **Harbach Positioning** rotators are grit blasted to SA 2.5 for all structural steel and polyurethane paint work 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: RWPP125/250-31-FM-WE

Load Capacity: 125 Metric ton (1 power & 1 idler)

Rotation Capacity: 250 metric ton (1 power)

Rotation Speed: 130 to 1300mm/min

Vessel diameter: Min 470mm to Max 7580mm (at 3100mm C-C) @ 45° included angle

Incoming supply: 380-415V/3Phase/50-60/hz (specify input voltage when ordering)

AC Inverter: 11KW

Motor rating: 2 x 5.5KW AC Motors

Control voltage: 24V low voltage control

Weight: 2850Kg Drive Unit

1710Kg Idler Unit

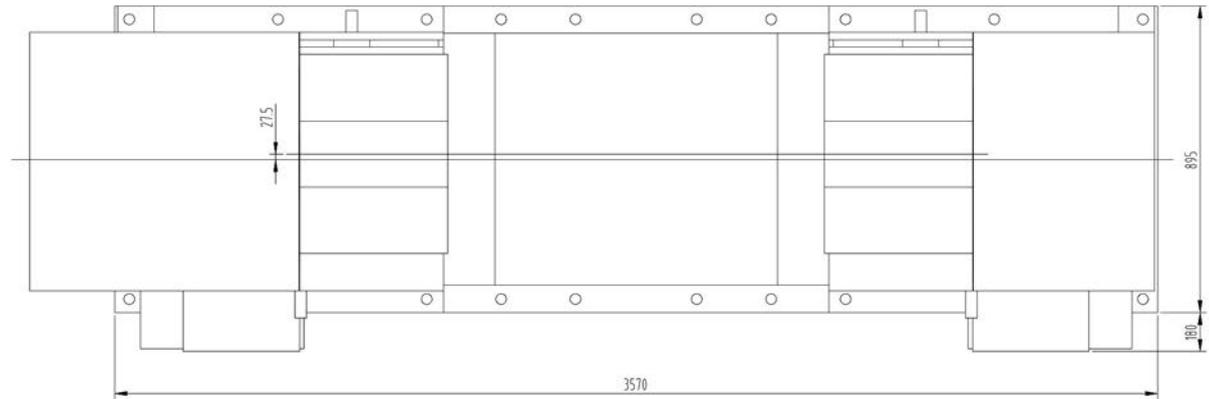
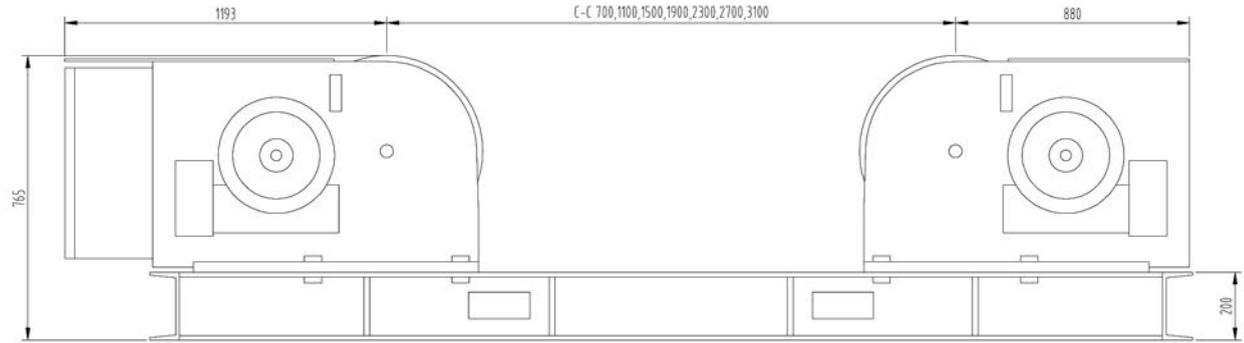
RWPP125/250-31-FM-WE (125 Tonnes)

| Specifications for Rotator | | |
|----------------------------|---------------------|---|
| 1 | Model | RWPP100-150-31-FM-WE |
| 2 | Loading Capacity | 50 MT |
| 3 | Turning Capacity | 150 MT |
| 4 | Vessel Size Min. | Ø470mm at 90° Included Angle, at C-C 700mm |
| 5 | Vessel Size Max. | Ø7580mm at 45° Included Angle, at C-C 3100mm |
| 6 | Tyre Type & Size | Polyurethane, Ø20 ^{1/2} x 21", Shore 'A' 90-93 |
| 7 | Roller Speed | 130-1300mm/min at 5-50Hz |
| 8 | Roller Drive Motor | 2x AC 3kW 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 7.5KW Inverter, Roller only |
| 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 Coats Zinc Phosphate, 1 Coat Polyurethane |
| 19 | Colour | RAL3003 Red & RAL9005 BLACK FOR SKID ONLY |
| 20 | Qty | 4 Units |
| 21 | Weight | ~2800kg |



Note:

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



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| REV | DATE | DESCRIPTION | IC | EDIT BY | REMARKS |
|---|----------|----------------------------|----|---------|------------------|
| 1 | 26-10-10 | Update of equipment colour | | | |
| CUSTOMER: | | | | | |
| DRAWING NAME: Rotator 100MT Power | | | | | |
| DRAWING NO.: PD-000013-GA03 | | | | | |
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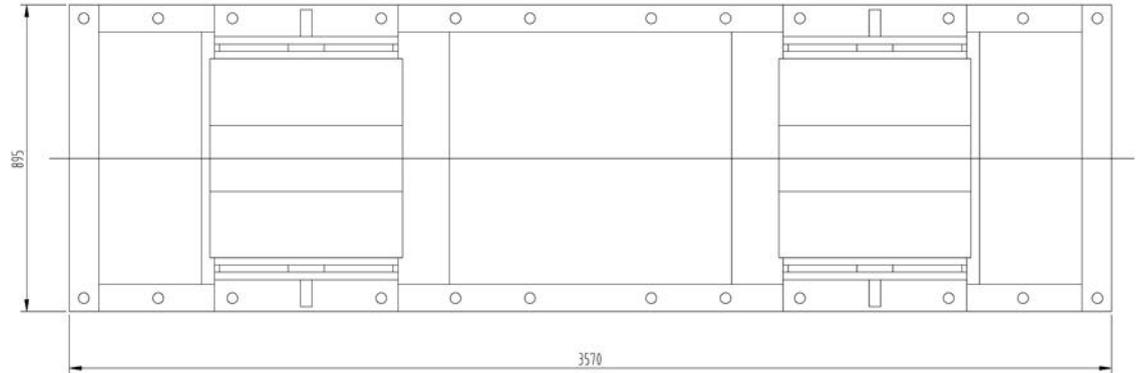
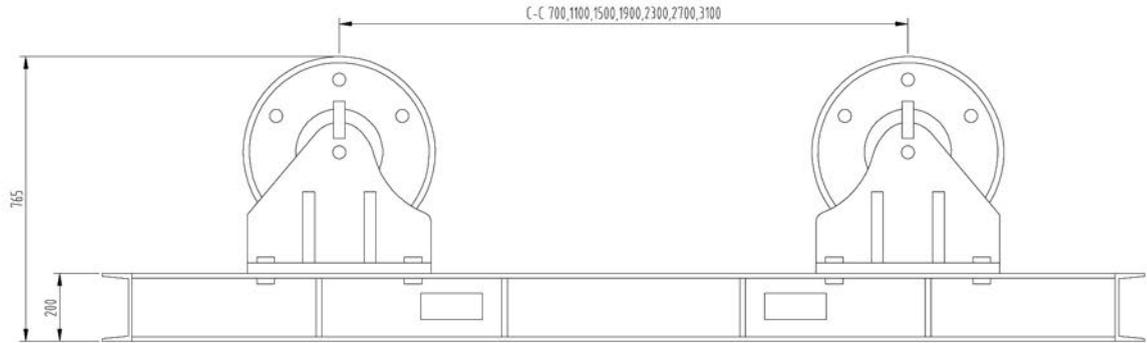
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| Specifications for Rotator | | |
|----------------------------|---------------------|--|
| 1 | Model | R/WIP100-31-FM |
| 2 | Loading Capacity | 50 MT |
| 3 | Turning Capacity | N.A. |
| 4 | Vessel Size Min. | Ø470mm at 90° Included Angle, at C-C 700mm |
| 5 | Vessel Size Max. | Ø7580mm at 45° Included Angle, at C-C 3100mm |
| 6 | Tyre Type & Size | Polyurethane, Ø20" x 21", 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 | No |
| 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 Phosphate, 1 Coat Polyurethane |
| 19 | Colour | RAL3003 Red & RAL 9005 BLACK FOR SKID ONLY |
| 20 | Qty | 4 Units |
| 21 | Weight | ~1660kg |



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| REV | DATE | DESCRIPTION | IC | EDIT BY | REMARKS |
|---|----------|----------------------------|----|---------|---------|
| 1 | 26-10-10 | Update of equipment colour | | | |
| CUSTOMER: | | | | | |
| DRAWING NAME: Rotator 100MT idler | | | | | |
| DRAWING NO.: PD-000013-GA04 | | | | | |
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