

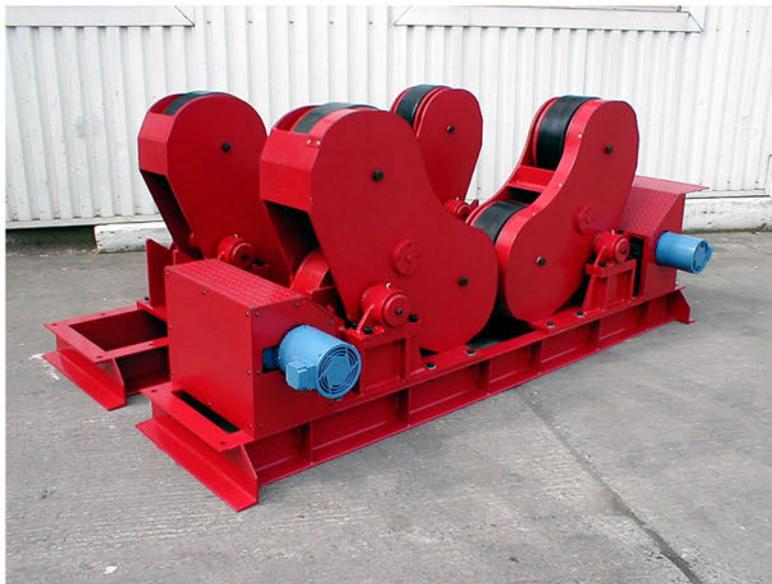
### RSPP120

**Harbach Positioning** 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 tires mounted onto a cast steel drum for durability and superior traction.

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

Standard 3170mm base frame length can accommodate vessel diameters ranging from 300mm to 6000mm in diameter. Grit blasting to SA 2.5 for all structural steel and polyurethane paint work 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

Devices

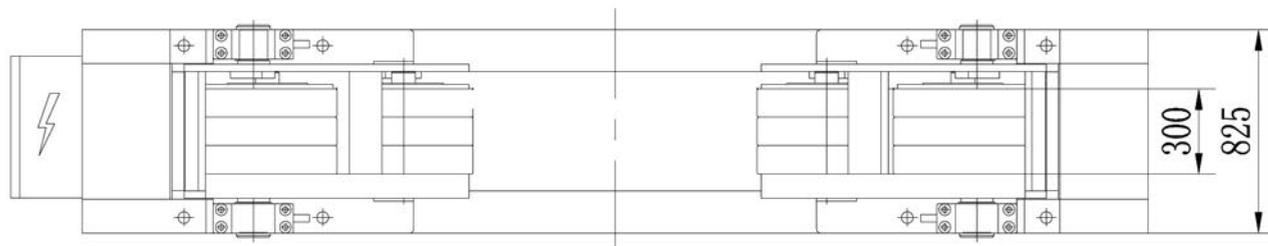
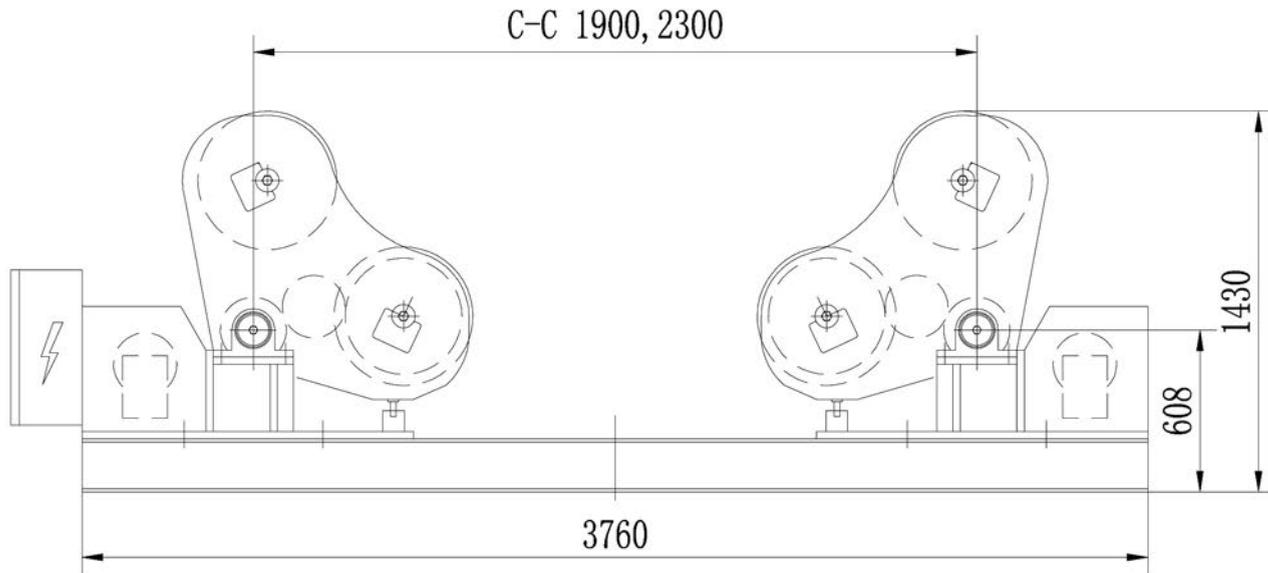
AC-  
ACM-  
Y-

Anti-creep device manual  
Anti-creep device motorized  
Lead screw type adjustment

**Additional**  
Idler Roll  
Travel Car

TC-  
TCM-

Skid frame center to center  
Manual travel car  
Motorized travel car



Specification

|    |                         |   |
|----|-------------------------|---|
| 1  | Model                   | RSPP120-180-23-FM-WE                                      |
| 2  | Capacity (loading)      | 60MT  |
| 3  | Capacity (turning)      | 180MT   |
| 4  | Vessel Size (min)       | Ø1000mm at 62° Included Angle, at C-C 1900mm              |
| 5  | Vessel Size (Max)       | Ø5800mm at 38° Included Angle, at C-C 2300mm              |
| 6  | Tyre/Drum Type and Size | Polyurethane, Ø520mm x 300mm, Shore 'A' 90-95             |
| 7  | Roller Speed            | 102-1020mm/min at 5 to 50Hz (Bottom 2 wheels driven only) |
| 8  | Incoming Supply         | 380/400/415V-3P-50Hz or 400/440/460V-3P-60Hz              |
| 9  | Electrical Panel        | Yes   |
| 10 | Control Voltage         | 24Vac   |
| 11 | Roller Drive Control    | AC 11KW Inverter  |
| 12 | Control Means           | Via Control Pendant c/w 10m Cable                         |
| 13 | Roller Drive Motor      | 2 x 4kW AC C/W Force cooling (By Others)                  |
| 14 | Surface Preparation     | Grit blast to SA2.5                                       |
| 15 | Painting                | Lead free, 2 Coats Zinc Phosphate, 1 Coat Polyurethane    |
| 16 | Color                   | RAL3003 Red & RAL9005 Black for skid and drum             |
| 17 | Quantity                | 1   |
| 18 | Est. Weight of Rotator  | 5650kg  |

Note:

- 1) This drawing is accurate at the time of preparation and maybe subject to final design change.
- 2) Input terminals are wired for 400V by default.

ALL DIMENSIONS IN MM, UNLESS OTHERWISE SPECIFIED.



CUSTOMER APPROVAL:

DATE:

CHECKED BY:

DATE:

DRAWN BY: IC

DATE: 05-07-2011

| REV   | DATE | DESCRIPTION   | EDIT BY                            | REMARKS | SCALE: |
|---|------|---------------|------------------------------------|---------|--------|
|   |      | CUSTOMER:     |                                    |         | N.T.S. |
|   |      | DRAWING NAME: |                                    |         | ⚡      |
|   |      |               | 120T SELF-ALIGNING ROTATOR (POWER) |         |        |
|   |      | DRAWING NO.:  |                                    |         | REV:   |
|   |      |               | QT-11-0020-GA05                    |         | 0      |
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|   |      |               |                                    |         | 1 OF 1 |