

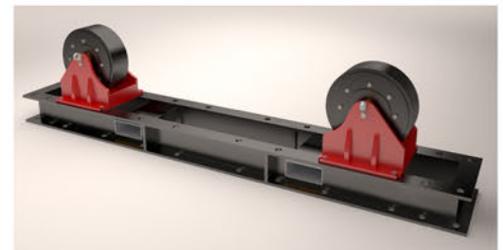
RWPS300/300-31-FM-WE

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 660mm diameter 250mm width, steel wheels crowned and hardened 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 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: RWPS300/300-31-FM-WE

Load Capacity: 300 metric ton (1 power & 1 idler)

Rotation Capacity: 300 metric ton (1 power)

Rotation Speed: 186 to 1860mm/min

Vessel diameter: Min 1540mm to Max 7440mm (at 3100mm C-C) @ 45° included angle

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

AC Inverter: 15 kW

Motor rating: 2 x 7.5 kW AC Motors

Control voltage: 24V low voltage control

Weight: 3,870 Kg Drive Unit

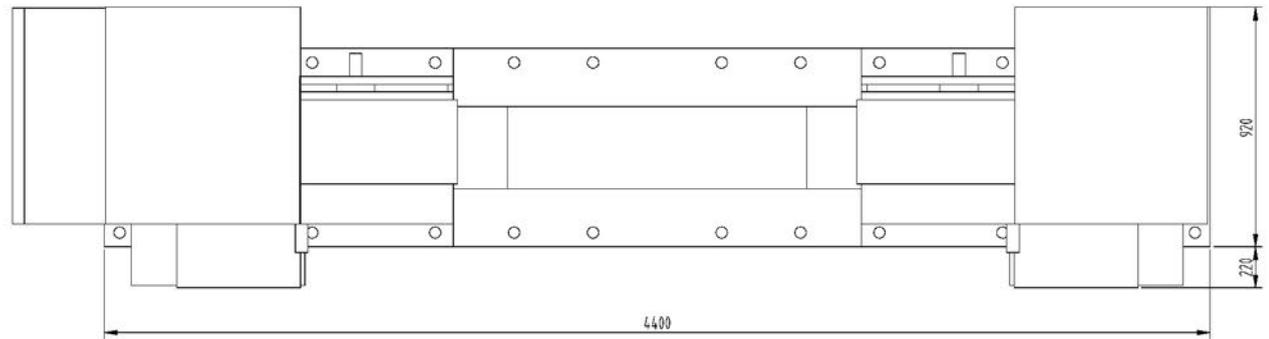
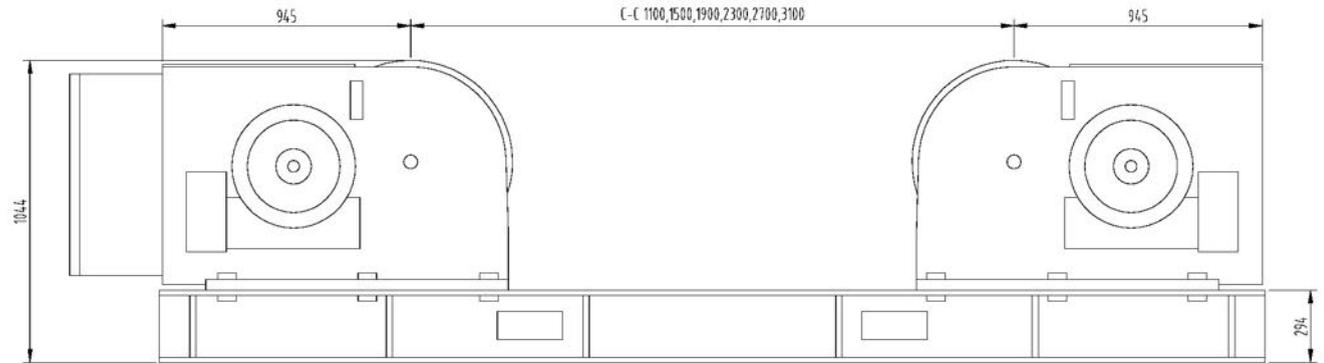
3,870 Kg Idler Unit

RWPS300/300-31-FM-WE (300 Tonnes) (Steel Wheeled)

Specifications for Rotator

1	Model	RWPS300-300-31-FM-WE
2	Loading Capacity	150 MT
3	Turning Capacity	300 MT
4	Vessel Size Min.	Ø1540mm at 60° Included Angle, at C-C 1100mm
5	Vessel Size Max.	Ø1740mm at 45° Included Angle, at C-C 3100mm
6	Tyre Type & Size	Steel Wheel, Ø660mm x 250mm,
7	Roller Speed	186-1860mm/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 15kW Inverter
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 Zinc Phosphate, 1 Coat Polyurethane
19	Colour	RAL3003 RED & RAL9005 BLACK for Skid only
20	Qty	2 Units
21	Weight	~7500kg
22	Shipping Size	440 x 114 x 105 cm

- 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 change.



All dimensions in mm unless otherwise specified.

REV	DATE	DESCRIPTION	EDIT BY	REMARKS	SCALE
CUSTOMER:					N.T.S.
DRAWING NAME: Rotator 300MT Power					
DRAWING NO: RWPS300-300-31-FM-WE					REVISION:
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					SHEET: 1 OF 1



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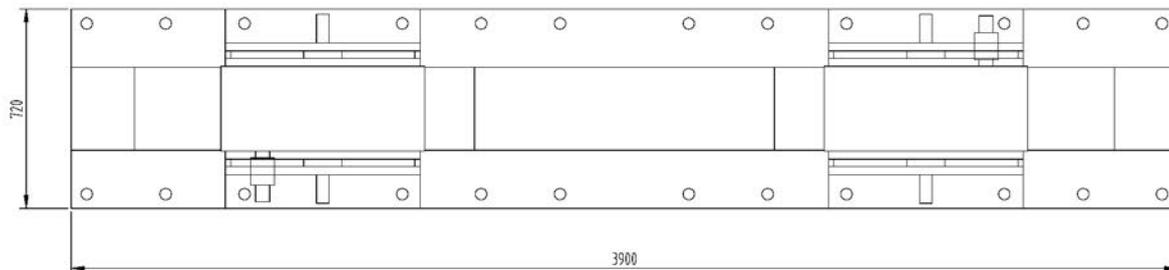
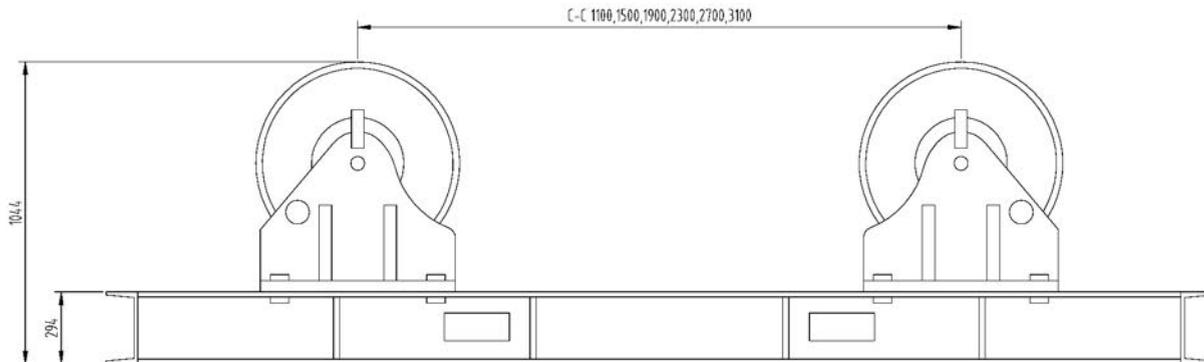
DRAWN BY: IC

28-02-2011

Specifications for Rotator

1	Model	RWIS300-31-FM
2	Loading Capacity	150 MT
3	Turning Capacity	N.A.
4	Vessel Size Min.	Ø1540mm at 60° Included Angle, at C-C 1100mm
5	Vessel Size Max.	Ø7440mm at 45° Included Angle, at C-C 3100mm
6	Tyre/Drum Type & Size	Steel Wheel, Ø660mm x 250mm
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	N.A.
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 Zinc Phosphate, 1 Coat Polyurethane
19	Colour	RAL3003 Red & RAL9005 Black for skid only
20	Qty	2 Units
21	Weight	~5100kg
22	Shipping Size	390 x 72 x 105 cm

Note:
1. This drawing is accurate at the time of preparation and maybe subject to final design change.



All dimensions in mm unless otherwise specified.

REV	DATE	DESCRIPTION	EDIT BY	REMARKS	SCALE: N.T.S.
CUSTOMER:					
DRAWING NAME: Rotator 300MT Idler					
DRAWING NO: RWIS300-31-FM					REVISION: 0
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