

### RWPP40/60-23-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 2 off 520mm diameter 200mm width, replaceable hard-wearing polyurethane tires 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 a 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 dimensions 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° included angle

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

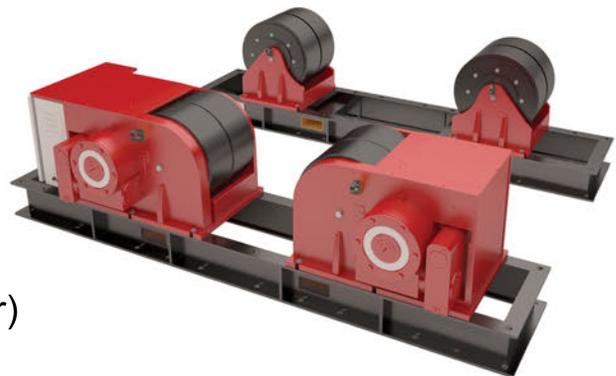
**AC Inverter:** 2.2KW

**Motor rating:** 2 x 1.1KW AC motors

**Control voltage:** DC 24V low voltage control

**Weight:** 1400Kg Drive Unit

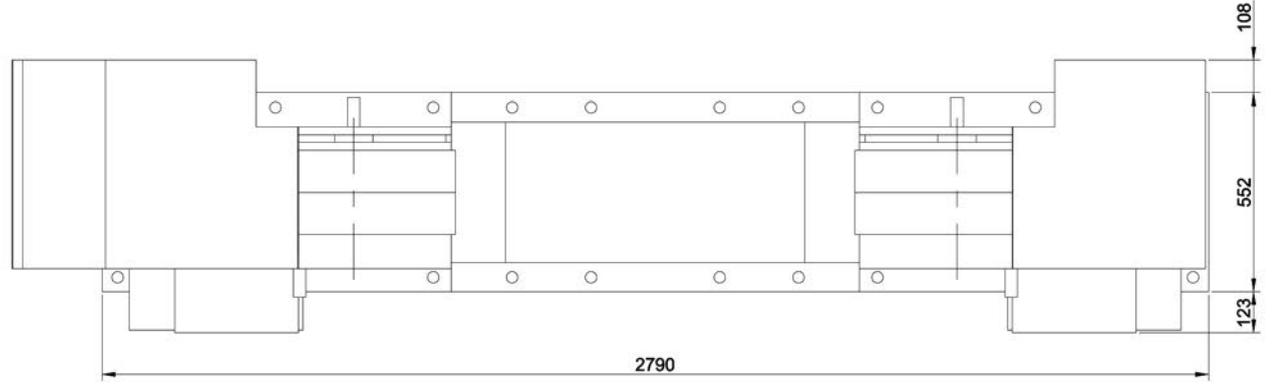
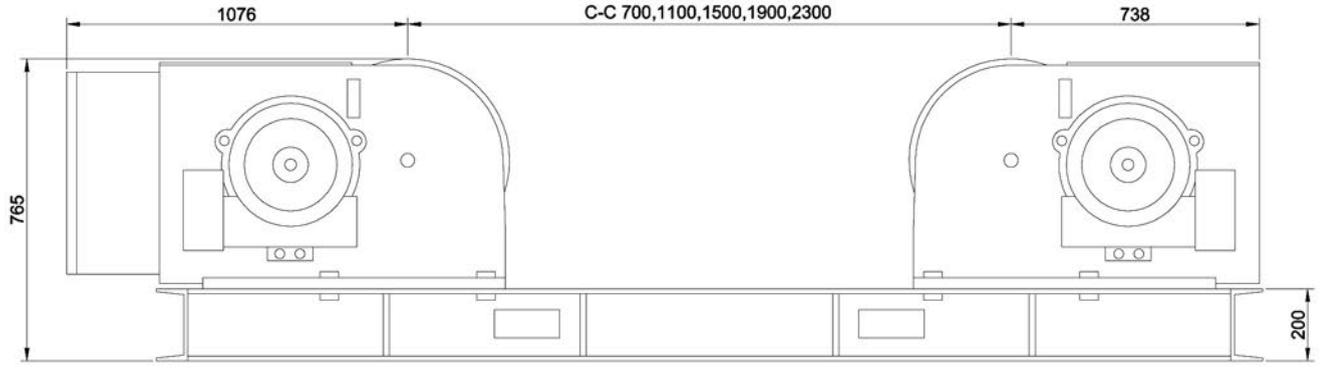
850Kg Idler Unit



RWPP40/60-23-FM-WE (40 Tonne)

Specifications for Rotator		
1	Model	RWPP40-60-23-FM-WE
2	Loading Capacity	20 MT
3	Turning Capacity	60 MT
4	Vessel Size Min.	Ø470mm 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, Ø520mm x 200mm, Shore 'A' 90-93
7	Roller Speed	130-1300mm/min at 5-50Hz
8	Roller Drive Motor	2x AC 1.1kW Motor c/w Force Cooling
9	Roller Drive Control	AC 2.2kW Inverter
10	Travel Car	No
11	Travel Car Speed	N.A.
12	Travel Car Drive	N.A.
13	Electrical Panel	Yes
14	Incoming Supply	380/400/415V-3P-50Hz or 440/460/480V-3P-60Hz <sup>1</sup>
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 & drum only
20	Qty	1 Unit
21	Weight	~1400kg
22	Shipping Size	279 x 79 x 77 cm

Note:  
 1. Input terminals are wired for 400V by default.  
 2. This drawing is accurate at time of preparation and maybe subjected to final design changes.



All dimensions in mm unless otherwise specified.

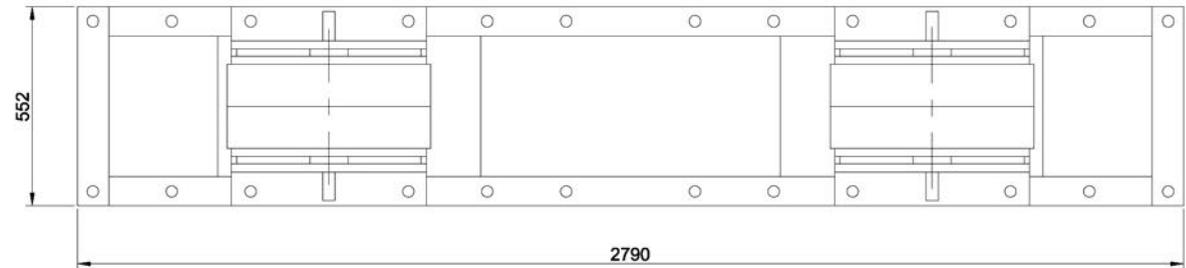
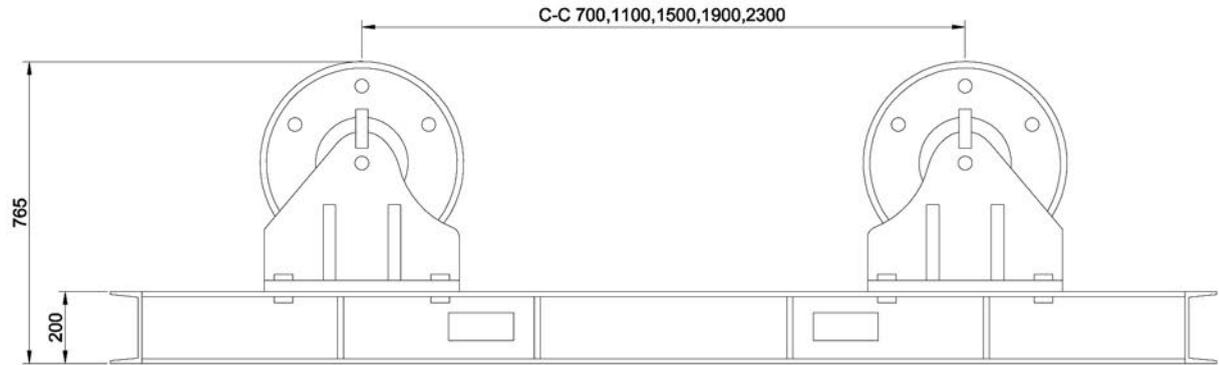
CUSTOMER APPROVAL		CHECKED BY:		DRAWN BY: SF		REV	DATE	DESCRIPTION	EDIT BY	REMARKS
						CUSTOMER:				SCALE: N.T.S.
						DRAWING NAME: Rotator 40MT Power				REVISION: 0
						DRAWING NO.: RWPP40-60-23-FM-WE				SHEET: 1 OF 1
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Specifications for Rotator

1	Model	RWIP40-23-FM
2	Loading Capacity	20 MT
3	Turning Capacity	N.A.
4	Vessel Size Min.	Ø470mm 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, Ø520mm x 200mm, Shore 'A' 90-93
7	Roller 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.
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 & RAL9005 Black for Skid & drum only
20	Qty	1 Unit
21	Weight	~850kg
22	Shipping Size	279 x 56 x 77 cm

Note:

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



All dimensions in mm unless otherwise specified.

	CUSTOMER APPROVAL	CHECKED BY:	DRAWN BY: SF	REV	DATE	DESCRIPTION	EDIT BY	REMARKS	SCALE: N.T.S.
				CUSTOMER:					DRAWING NAME: <b>Rotator 40MT Idler</b>
					DRAWING NO.: <b>RWIP40-23-FM</b>				REVISION: <b>0</b>
				27-07-2010	<small>THE ORIGINAL AND ALL COPIES OF THIS DOCUMENT TOGETHER WITH THE COPYRIGHT THEREOF ARE THE SOLE PROPERTY OF HARBACH MARKETING, INC. DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.</small>				SHEET: 1 OF 1