

RWPP100/150-31-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 5 off 520mm diameter 500mm 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: RWPP100/150-31-FM-WE

Load Capacity: 100 Metric ton (1 power & 1 idler)

Rotation Capacity: 150 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: 7.5KW

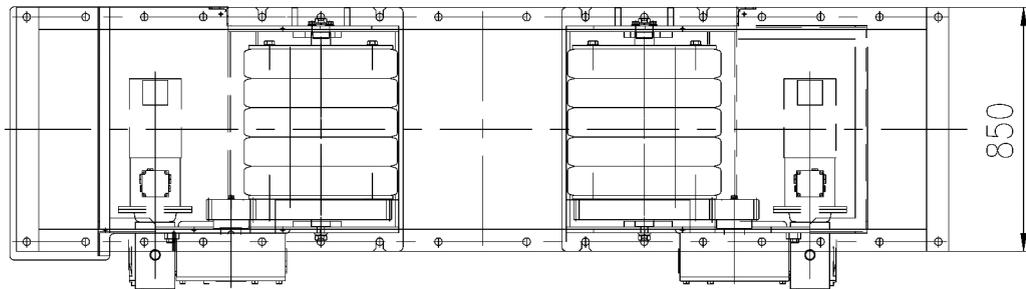
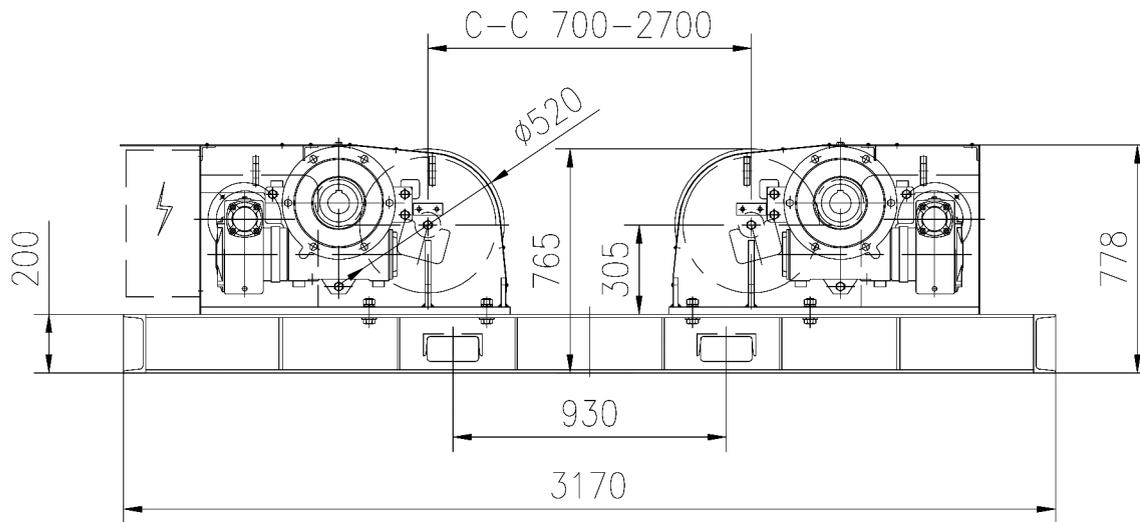
Motor rating: 2 x 3KW AC Motors

Control voltage: 24V low voltage control

Weight: 2700Kg Drive Unit

1560Kg Idler Unit

RWPP100/150-31-FM-WE (100 Tonnes)



1	Model	RWPP100-150-2700-FM-NE
2	Capacity (Loading)	50 Metric Ton
3	Capacity (Turning)	150 Metric Ton
4	Vessel Size	Ø470-Ø6535mm
5	Drum and Size	Polyurethane, Ø520x100mmx5
6	Roll Speedl	100-1000mm/min at 5Hz to 50Hz
7	Roller Drive Motor	2x3.0KW AC Motor with Forced Cooling
8	Travelcar Speed	NA
9	Travelcar Drive	NA
10	Electrical Panel	NA
11	Incoming Supply	380/400/415-3P-50Hz or 440/460/480V-3P-60Hz
12	Control Means	NA
13	Control Voltage	NA
14	Surface Preparation	Gritblast to SA2.5
15	Painting	2 coats Zinc Phosphate, 1 coat Polyurethane
16	Color	RAL 3003(Red)+9005(Black)
17	Quantity	1 unit

Note: 1) This drawing is for illustration only and subjected to final design and site confirmation;
2) Input terminals are wired for 460V by default.

ALL DIMENSIONS IN MM, UNLESS OTHERWISE SPECIFIED.



CUSTOMER APPROVAL:

DATE:

CHECKED BY:

DATE:

DRAWN BY:

tony

DATE: 2010.11.03

REV / DATE	DESCRIPTION	EDIT BY	REMARKS
CUSTOMER:			
DRAWING NAME:	Power Roll 100 MT		
DRAWING NO.:	QD-0633-GA09		
		SCALE:	N.T.S.
		REV:	0
		SHEET:	1 OF 1