



Specification Data

Conventional Rotators

Capacity: 3 Tonnes

MODEL: LPP3-S-WD

RedRock 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 1 off 254mm diameter 76mm width replaceable hard-wearing polyurethane tyres 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 3-metre cable provides the operator with full control of the rotator including a potentiometer for varying the speed, forward/reverse and stop.

All **RedRock** rotators are grit blasted to SA 2.5 for all structural steel and polyurethane paintwork 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.



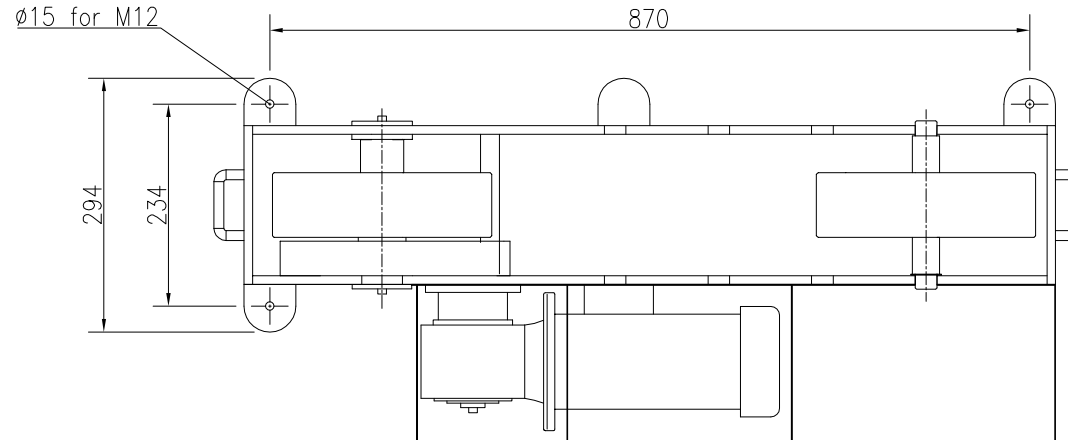
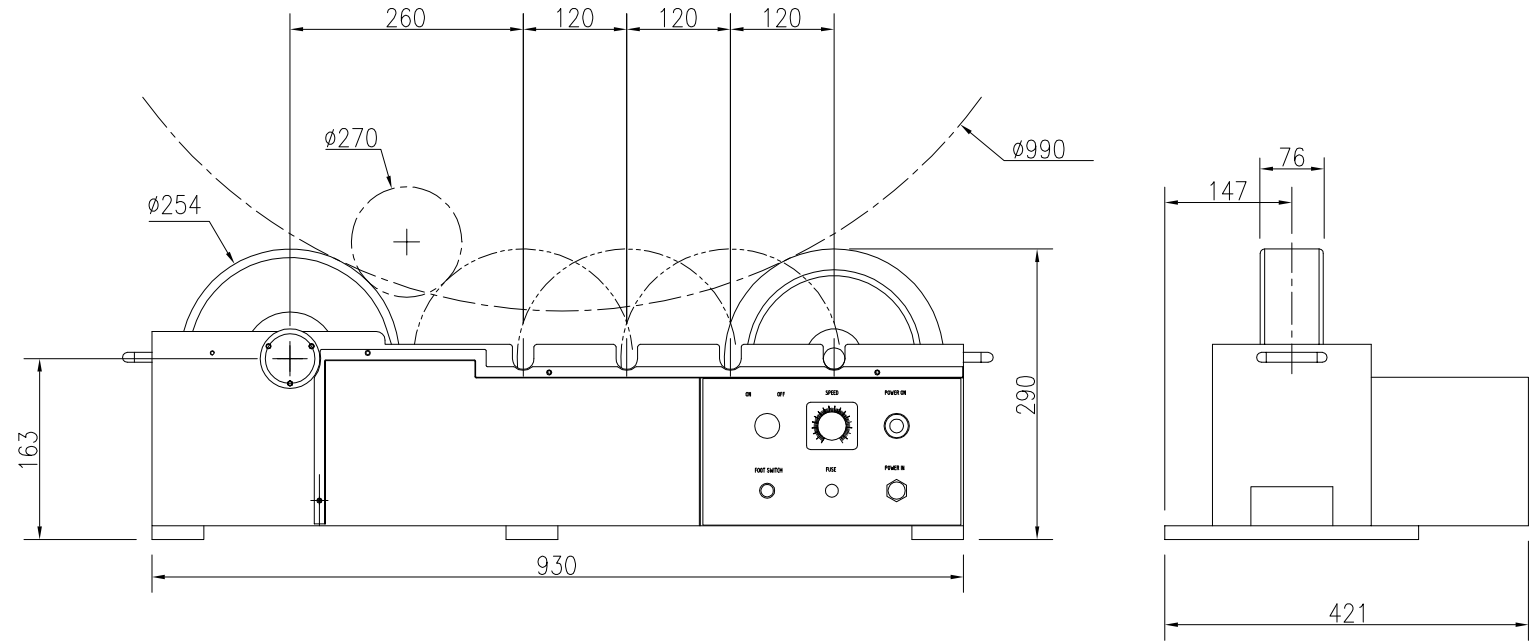
Power rolls specifications

Model:	LPP3-S-WD
Load Capacity:	3 metric ton (1 power & 1 idler)
Rotation Capacity:	3 metric ton (1 power)
Rotation Speed:	0 to 4000mm/min
Vessel diameter:	Min 270mm to Max 990m (at 620mm C-C) @ 60 degree included angle
Incoming supply:	220V/1 Phase/50/hz (specify input voltage when ordering)
AC Inverter:	0.5KW
Motor rating:	1 x 0.5KW DC motors
Control voltage:	24V low voltage control
Weight:	92Kg Drive 54Kg Idler

Specifications for Rotator		
1	Model	LPP3-S-WD
2	Loading Capacity	1.5 TON
3	Turning Capacity	3 TON
4	Vessel Size Min.	Ø270mm at 60° Included Angle, C-C 260mm
5	Vessel Size Max.	Ø990mm at 60° Included Angle, C-C 620mm
6	Tyre Type & Size	polyurethane, 254mm x 76mm
7	Roller Speed	0 to 4000mm /min at 5 to 50Hz
8	Roller Drive Motor	0.5KW c/w force Cooling
9	Roller Drive Control	0.5KW DC
10	Electrical Panel	Yes
11	Incoming Supply	220V-1P-50HZ
12	Control Voltage	24VDC
13	Control Means	Via footswitch c/w 3m cable
14	Surface Preparation	Gritblast to SA2.5
15	Painting	Powder Coating
16	Colour	RAL3003 Red & RAL9005 Black for tyre drum
17	Qty	1 unit
18	Weight	92kg
19	Shipping dimension	1000mm(L)X430mm40mm(H)

Note: :

1) This drawing is accurate at time of preparation and may be subjected to final design.



All dimensions in mm unless otherwise specified.



CUSTOMER APPROVAL

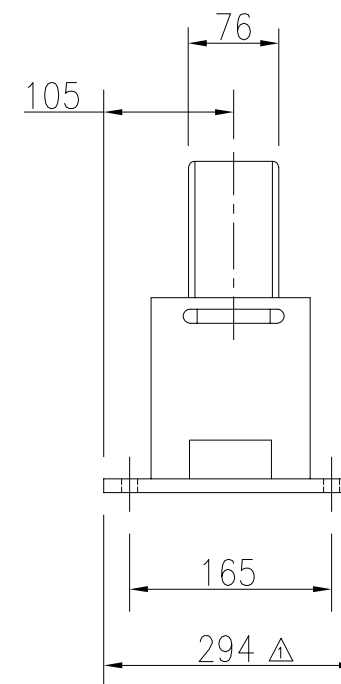
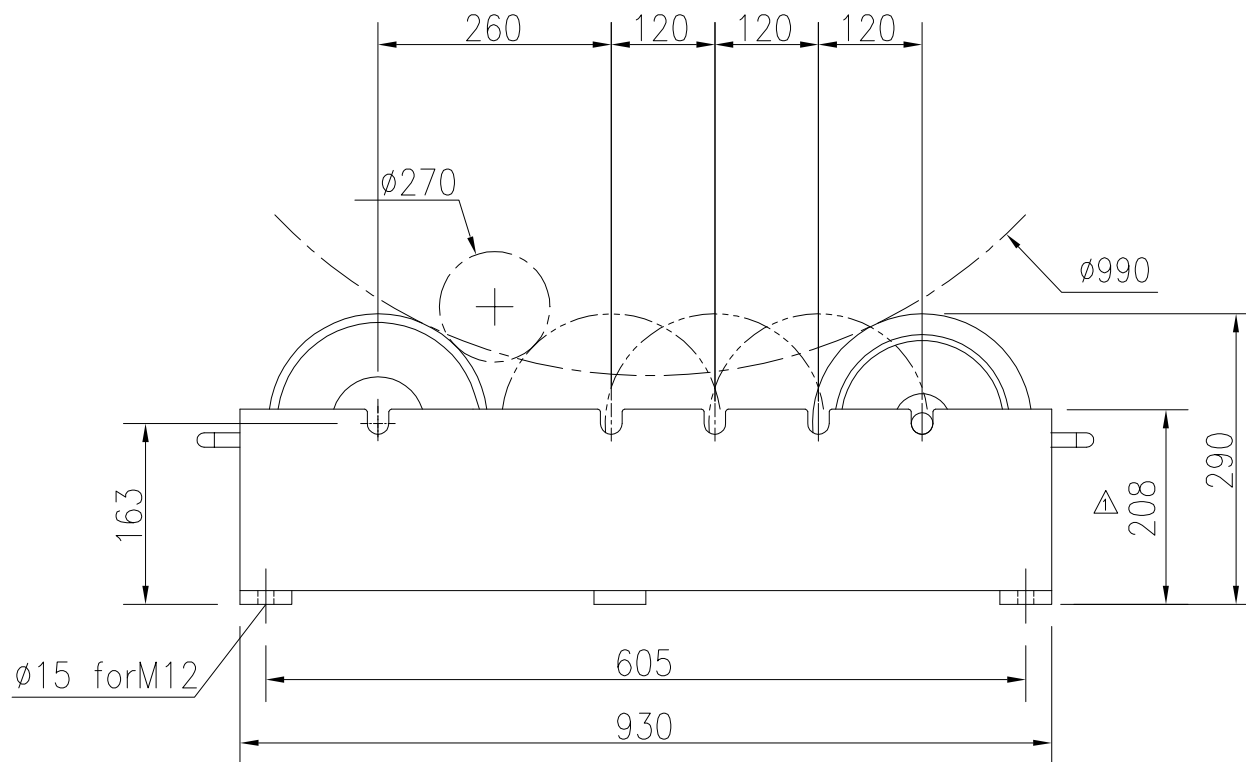
CHECKED BY:

DRAWN BY: IC

11-08-2011

REV	DATE	DESCRIPTION	EDIT BY	REMARKS
CUSTOMER:				
DRAWING NAME:		Rotator 3MT power unit		
DRAWING NO.:		LPP3-S-WD		
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				REVISION 0
				SHEET: 1 OF 1


Specifications for Rotator		
1	Model	LIP3
2	Loading Capacity	1.5 TON
3	Turning Capacity	NA
4	Vessel Size Min.	ø270mm at 60° Included Angle, C-C 260mm
5	Vessel Size Max.	ø990mm at 60° Included Angle, C-C 960mm
6	Tyre Type & Size	polyurethane, 254mm x 76mm
7	Surface Preparation	Gritblast to SA2.5
8	Painting	Powder Coating
9	Colour	RAL3003 Red & RAL9005 Black for tyre drum only
10	Qty	1 unit
11	Weight	54kg
12	Shipping dimension	940mm(L)X300mm(B)X340mm(H)



Note: :

1) This drawing is accurate at time of preparation and may be subjected to final design.

All dimensions in mm unless otherwise specified.

1	27-12-2010	As Shown	IC	
REV	DATE	DESCRIPTION	EDIT BY	REMARKS
CUSTOMER:				SCALE: N.T.S.
DRAWING NAME:		Rotator 3MT Idler		
DRAWING NO.:		LIP3	REVISION: 1	
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