

Specification Data

Self Aligning Rotators

Model : 120/250DM

A&N 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 a 520mm diameter 178mm width, replaceable polyurethane tyre mounted onto a cast steel drum for durability and superior traction.

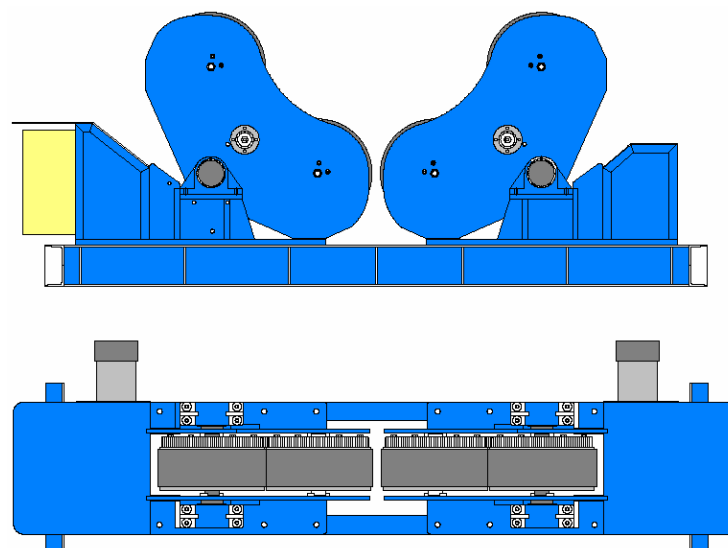
On the powered model both tyres are simultaneously driven by an AC gear motor fitted with inverter control box. A hand held low voltage control pendant on a 10-metre cable provides the operator with a full control of the rotator including a potentiometer for varying the speed, start/stop, forward/reverse and emergency stop.

Special 4800mm base frame length can accommodate vessel diameters ranging from diameter 670mm to 6570mm. Grit blasting to SA 2.5 for all structural steel and polyurethane paintwork 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.

Power rolls specifications:

Model:	PSR120/250DM-EA
Load Capacity:	120 Metric ton (1 power & 1 idler)
Turn Capacity:	250 metric ton (1 power)
Roll Speed:	126 to 1280mm/min
Vessel diameter:	Min 670mm at 90 degree to Max 7500mm at 45 degree included angle
Center to Center	Base Frame center to center 1580 / 2080 / 2580mm / 3080mm
Incoming supply:	380/415V/3Phase/16Amps/50/60/hz. (Specify input voltage when ordering)
AC Inverter:	20KW inverter system
Motor rating:	10KW x 2
Control voltage:	DC 24 Volt control circuit.
Weights:	Drive: 5800 kgs Idler 4000 kgs



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PSR120/250DM

Ordering Information and system checklist

Equipment	Part Number	Description	Qty	Price
Rotator	PSR120/250DM	120-metric ton loading capacity / 250-metric ton turning capacity		
Built-in with either	EA- FA-	3-phase AC motor, Pendant control with 10 M cable. 3-phase AC motor, Pendant control with 10 M cable and foot switch.		

Optional Item

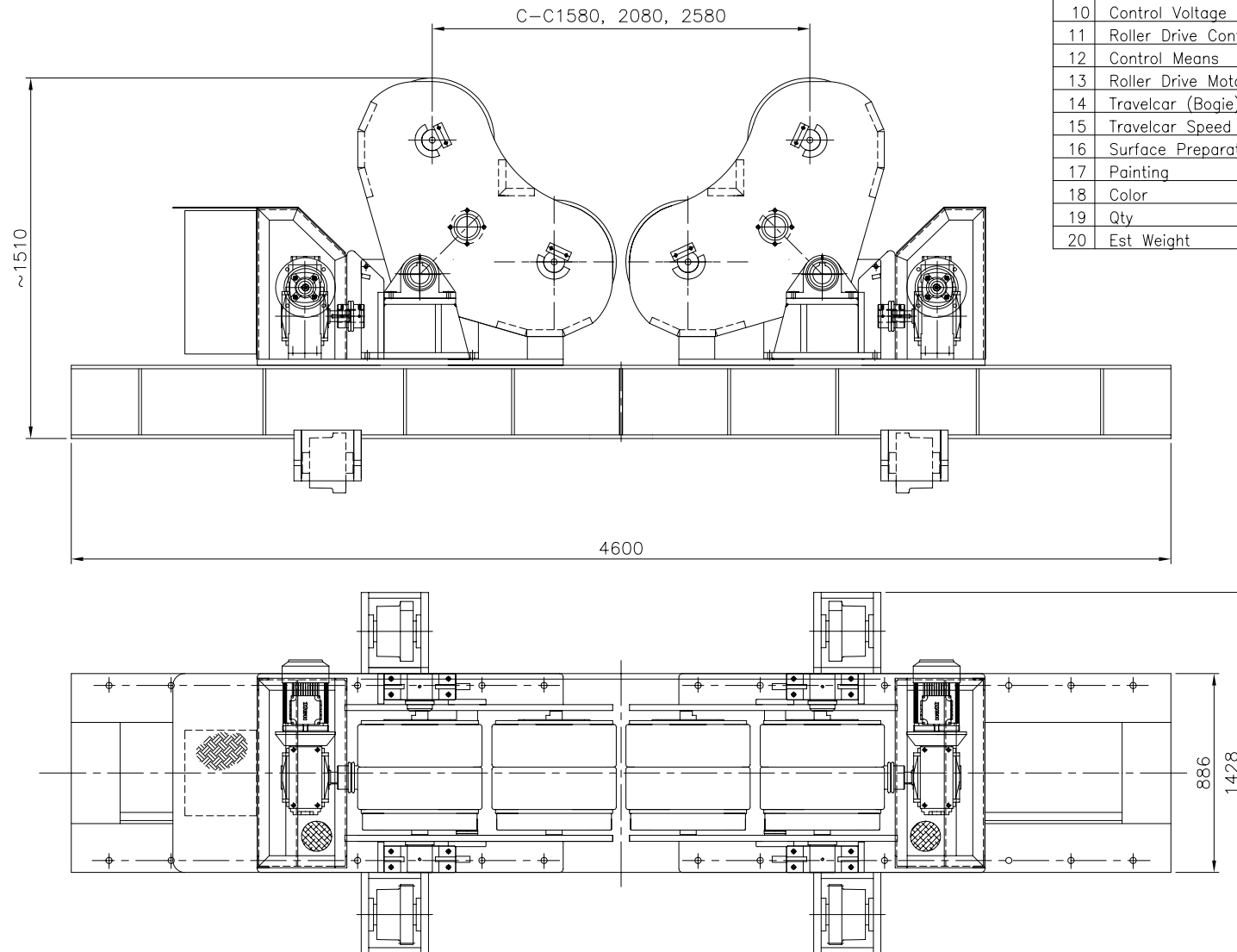
Devices	AC- ACM- Y-	Anti-creep device manual Anti-creep device motorized Lead-screw type C-C adjustment		
Additional Idler roll	ISR120			
Travel car	TC- TCM-	Travel car Manual Travel car Motorized		

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
PSR120/250DM

Specification for Rotator

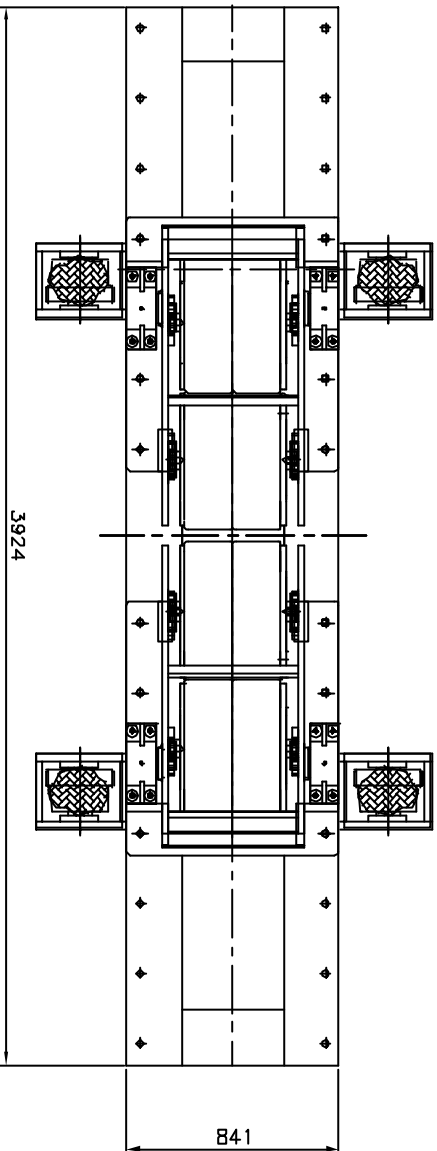
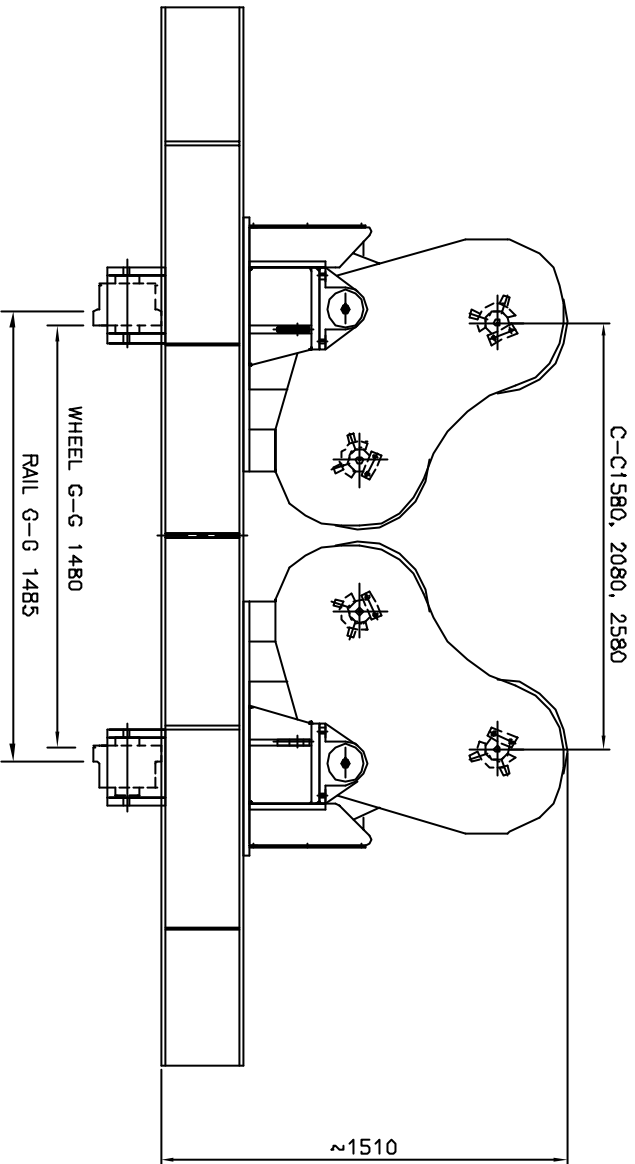
1	Model	PSR120/250DM-TC-XA-2580
2	Capacity (Loading)	120TON
3	Capacity (Turning)	250TON
4	Vessel Size (Min.)	Ø670 at 90°included angle
5	Vessel Size (Max.)	Ø6570 at 45° included angle
6	Tire type and Size	Polyurethane Ø20.5"x7"
7	Electrical Panel	No
8	Roller Speed	N.A.
9	Incoming Supply	N.A.
10	Control Voltage	N.A.
11	Roller Drive Control	N.A.
12	Control Means	Via Push Button Pendant c/w 10m Cable
13	Roller Drive Motor	N.A.
14	Travelcar (Bogie)	N.A.
15	Travelcar Speed	N.A.
16	Surface Preparation	Gritblast to SA2.5
17	Painting	2 coats Zinc Phosphate, 1 coat Polyurethane
18	Color	RAL5015 Blue
19	Qty	4 units
20	Est Weight	5.8Ton



ALL DIMENSIONS IN MM, UNLESS OTHERWISE SPECIFIED.

 A&N PLANT <small>ROTATORS - COLUMN BOOMS - POSITIONERS</small>		PROJECT/MODEL :		PSR120/250DM-TC-XA-2580	
		CLIENT :			
DRAWN	NAME Kris	DATE 06-06-05	DWG. NAME :		SCALE: NTS
APPROVED			GENERAL ASSEMBLY		REVISION: 0
			DWG. NO. : QT-5191-GA03		SHEET NO: 1 OF 1
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SIZE: A3



Specification for Rotator

1	Model	IRS120-TC-2580
2	Capacity (Loading)	120 TON
3	Capacity (Turning)	N.A.
4	Vessel Size (Min.)	ø570 at 90° included angle
5	Vessel Size (Max.)	ø570 at 45° included angle
6	Tire Type and Size	Polyurethane ø20.5x7"
7	Electrical Panel	No
8	Roller Speed	N.A.
9	Incubating Supply	N.A.
10	Control Voltage	N.A.
11	Roller Drive Control	N.A.
12	Control Motors	N.A.
13	Roller Drive Motor	N.A.
14	Travelcar (Bogie)	N.A.
15	Travelcar Speed	N.A.
16	Swing Range	N.A.
17	Swing Speed	N.A.
18	Surface Preparation	Gritblast to SA2.5
19	Painting	2 coats Zinc Phosphate, 1 coat Polyurethane
20	Color	RAL5015 Blue
21	Qty	4 units
22	Est Weight	4.0Ton

ALL DIMENSIONS IN MM, UNLESS OTHERWISE SPECIFIED.

 A&N PLANT <small>ROTATOR - TRAVELCAR - TURNING</small>		PROJECT/MODEL : IRS120-TC-2580	
DRAWN K16	DATE 01-06-05	CLIENT : -	
APPROVED		GENERAL ARRANGEMENT DWG. NO. : QT-5191-QA04	Sheet No 1 of 1
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