

SPECIFICATIONS AND PICTURES OF RAM SPREADERS FOR SALE

ITEM 01

RAM Spreader
SP REVOLVER 01

ITEM 02

RAM Spreader
SP REVOLVER 02









3.0 TECHNICAL DATA

3.1 General

Spreader Model	=	RAM 4120	
Spreader Type	=	RAM Revolver	
Spreader Safe Working Load (With 10% eccentric load)	=	45.0	Tonnes
Lifting Upper Padeye Capacity	=	4 x 5	Tonnes
Spreader Tare Weight	=	20.1	Tonnes

3.2 Design Loading Conditions

Design Reference	=	BS 2573: Part 1 (Rules for the Design of Cranes)
Loading Cycles	=	2 million
Class of Utilization	=	U7
State of Loading	=	Q2
Group Classification	=	A7

3.3 Tipping Position

40ft position	=	11985	mm
Twistlock Pins center at Inner End Frame	=	2259	mm

3.4 Operations

Twistlock Rotation	(90°)	=	approximately	1.5	Second
Container Gripper	(Lock/ Unlock)	=	approximately	7	seconds
Tipping Duration	(360°)	=	approximately	37	Seconds

3.5 Hydraulic

Pump Running Pressure	=	140	kgf/cm ²
Main Pressure Relief Valve	=	160	kgf/cm ²
Pressure Reducing Valve			
- Container twistlock	=	50	Kgf/cm ²
- Gripper	=	30	Kgf/cm ²
Pump Flow Rate	=	90	L / min (Approx.)
Hydraulic Tank Capacity	=	275	Litre
Normal running Temperature	=	40	°C
Hydraulic Oil	=	ISO VG 46(P)	

3.6 Electrical

Power Voltage	=	440	VAC / 60	Hz / 3PH
Control Solenoid coil	=	24	VDC	
Voltage Switches	=	24	VDC	
Indicator Light	=	24	VDC	
Motor Rating	=	22	KW	
Power consumption	=	22	KW	
Electrical Protection	=	'F'	IP 65	

3.7 Surface Treatment

Structural Steel Surfaces	Abrasive Blast to SA 2.5 (Swedish Standard)
Primer Coat	= Epoxy Zinc Phosphate Primer
Intermediate Coat	= High Build Epoxy Paint
Finishing Coat	= Polyurethane Finish
Total Minimum Dry Film Thickness	= 225 µm