



Innovation at Work

Technical Specification



The RS1500 has been innovatively designed to be able to process material for a wide range of applications ranging from coal to road plainings. The robust designed coupled with its manoeuvrability and small footprint ensures the RS1500 is a formidable option for the quarrying and recycling sectors.

Its impressive cubical piece size, minimal fines, low power consumption and high tonnes per hour results in it being the sensible option for many an application.

Impressive design features such as tramp metal cycles, intelligent load sensing systems and easy selected piece sizing ensures high productivity with little to no down time regardless of feed pattern / method or feed material.

- Intelligent hydraulic load sensing system
- Highly efficient hydraulic drive system
- Unrivalled full efficiency
- Produces less fines than any other similar product on the market such as an impactor or jaw crusher
- Purposely designed so that a variety of options can be retrofitted to the basic spec machine
- Fully tracked for on-site manoeuvrability
- Quick and easy adjustment for different piece sizing
- Global After Sales Support

RS1500

TECHNICAL SPECIFICATION

HOPPER	
Width	4.1m (13'6")
Length	5.4m (17'8")
Capacity	11.25m ³ (14.7 yards ³)
Load in Height	3.3m (10'9")

PRE-SCREEN	
Open Area	3.94m ² (31.6ft ²)
Standard Aperture	<50mm

FEEDER CONVEYOR	
Belt width	1400mm (55")
Conveyor length	11.5m (37'8")
Drive Drum	1500mm (59")
Spoke Tail Drum	1500mm (59")

PRODUCT CONVEYOR	
Belt width	1150mm (46")
Conveyor length	5.4m (17'8")
Discharge Height	3560mm (11'8")
Stockpile Volume	78.6m ³ (103 yards ³)

SIDE CONVEYOR	
Belt Width	650mm (26")
Conveyor Length	6m (19'8")
Discharge Height	3084mm (10'1")
Stockpile Volume	54m ³ (70.6 yard ³)

CHAMBER	
Target Area	2.3m ² (2.5 yards ²)
Shaft Diameter	0.560m (1'10")
Maximum Torque	1400Nm
Capacity	*250TPH (276 US Per Hour)

POWER PACK	
Engine Power	260kW (350HP)
Diesel Tank Size	540 LITRES (142USG)
Hydraulic Tank Size	1000 litres (264 USG)
Fuel Consumption	*25-30LTR/Hr (6-8 USG)

GENERAL TECHNICAL DATA	
TRANSPORT DIMENSIONS	
Length	18.1m (59'3")
Width	3m (9'10")
Height	3.4m (11'2")

OPERATING DIMENSIONS	
Length	18.6m (60'11")
Width	4.6m (15'1")
Height	4.5m (14'9")
Standard Weight	36000KG (39.7 US TONS)

PERFORMANCE	
Max. Output Size	300mm (12")
Capacity	*Variable
Max slope climbing	31°

TRACK DATA	
Length	4300mm (14')
Trackive Effort	48,000Nm
Gearbox Ratio	146
Travel Speed	0.8km/hr (0.5MPH)

OPTIONS

Central Auto-Lube System



Overband Magnet



Various Punched and Bofor Pre-Screen Plates



- Side Conveyor
- Reversible fan
- Dust Suppression
- Canvas Covers
- Water Pump
- Belt Weight Scales

* Variable - depending on application



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