

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

PRE-SCREENPOWER PACKOpen Area3.94m² (31.6ft²)Standard Aperture<50mmStandard Aperture<50mmDiesel Tank Size540 LITRES (142USG)Hydraulic Tank Size1000 litres (264 USG)FEEDER CONVEYORBelt width1400mm (55")Conveyor length11.5m (37'8")Drive Drum1500mm (59")Spoke Tail Drum1500mm (59")PRODUCT CONVEYORBelt width1150mm (46")Conveyor length1150mm (46")Length18.6m (60'11"')OPERATING DIMENSIONSLength18.6m (60'11"')Width4.6m (15'1")Discharge Height3560mm (11'8")	HOPPER		CHAMBER	
Capacity 11.25m² (14.7 yards²) Load in Height 3.3m (10'9") PRE-SCREEN 3.94m² (31.6ft²) Standard Aperture <50mm	Width	4.1m (13'6")	Target Area	2.3m ² (2.5 yards ²)
Load in Height 3.3m (10'9') PRE-SCREEN Open Area 3.94m² (31.6ft²) Standard Aperture <50mm Dises Trans Size 1000 litres (264 USG) Hydraulic Tank Size 1000 litres (264 USG) Hydraulic Tank Size 1000 litres (264 USG) FEEDER CONVEYOR Belt width 1400mm (55'') Conveyor length 11.5m (37'8') Drive Drum 1500mm (59') PRODUCT CONVEYOR Belt width 1150mm (46'') Conveyor length 5.4m (17'8') Discharge Height 3560mm (11'8') Stockpile Volume 78.6m² (103 yards') Stockpile Volume 54m² (70.6 yard²) Cortral Aub-Lube System Overband Magnet Various Punched and Bofor Pre-Screen Plates Cortral Aub-Lube System Overband Magnet Various Punched and Bofor Pre-Screen Plates	Length	5.4m (17'8")	Shaft Diameter	0.560m (1'10")
PRE-SCREEN POWER PACK Open Area 3.94m² (31.6ft²) Standard Aperture <50mm	Capacity	11.25m ³ (14.7 yards ³)	Maximum Torque	1400Nm
Open Area 3.94m² (31.6ft*) Standard Aperture <50mm	Load in Height	3.3m (10'9")	Capacity	*250TPH (276 US Per Hour)
Standard Aperture <50mm	PRE-SCREEN		POWER PACK	
FEEDER CONVEYOR Hydraulic Tank Size 1000 times (284 USG) FEEDER CONVEYOR Ealt width 1400mm (55") Conveyor length 11.5m (37"8") Used times in the size Drive Drum 1500mm (59") Elength 18.1m (59"3") Spoke Tail Drum 1500mm (59") Width 3.4m (11"2") PRODUCT CONVEYOR Image: Conveyor length 5.4m (17"8") Image: Conveyor length Conveyor length 5.4m (17"8") Image: Conveyor length 18.5m (60"11"') Vidth 4.5m (14"9") Stockpile Volume 78.6m" (103 yards") Stockpile Volume 54m" (70.6 yard") Max. Output Size 300mm (12") Conveyor Length 64m" (10"1") Max. Slope climbing 31° Stockpile Volume 54m" (70.6 yard") Trackive Effort 48,000Nm Gearbox Ratio 146 Travel Speed 0.8mm/hr (0.5MPH) OPTIONS	Open Area	3.94m ² (31.6ft ²)	Engine Power	260kW (350HP)
FEEDER CONVEYOR *25-30LTR/Hr (6-8 USG) Belt width 1400mm (55") Conveyor length 11.5m (37'8') Drive Drum 1500mm (59") Spoke Tail Drum 1500mm (59") PRODUCT CONVEYOR Image: Conveyor length Belt width 1150mm (46") Conveyor length 5.4m (17'8") Discharge Height 3560mm (11'8") Stockpile Volume 78.6m² (103 yards²) Stockpile Volume 54m² (70.6 yard²) Stockpile Volume 54m² (70.6 yard²) Trackive Effort 48,000Nm Gearbox Ratio 146 Travel Speed 0.8km/hr (0.5MPH) OPTIONS Image and Bage and Bag	Standard Aperture	<50mm	Diesel Tank Size	540 LITRES (142USG)
FEEDER CONVEYOR Belt width 1400mm (55") Conveyor length 11.5m (37"8") Drive Drum 1500mm (59") Spoke Tail Drum 1500mm (59") PRODUCT CONVEYOR Image: Conveyor length Belt width 1150mm (46") Conveyor length 5.4m (17"8") Discharge Height 560mm (118") Stockpile Volume 78.6m³ (103 yards*) Stockpile Volume 560mm (26") Discharge Height 3084mm (10"1") Stockpile Volume 54m³ (70.6 yard*) PERFORMANCE 300mm (12") Capacity "Variable Max. Slope climbing 31° Track DATA 48,000Nm Gearbox Ratio 146 Travel Speed 0.8km/hr (0.5MPH) OPTIONS Central Auto-Lube System			Hydraulic Tank Size	1000 litres (264 USG)
Beit 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° (103 yards*) Stockpile Volume 78.6m° (103 yards*) Stockpile Volume 54m° (70.6 yard*) Stockpile Volume 54m° (70.6 yard*) Stockpile Volume 54m° (70.6 yard*) Stockpile Volume 54m° (70.6 yard*) Correson Ratio 146 Tracki DATA Length 4300mm (14') Tracki DEfort 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			Fuel Consumption	*25-30LTR/Hr (6-8 USG)
Conveyor length 11.5m (37'8") Drive Drum 1500mm (59") Spoke Tail Drum 1500mm (59") Width 3m (9'10") Height 3.4m (11'2") 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) Standard Weight 36000KG (39.7 US TONS Standard Weight 36000KG (39.7 US TONS Standard Weight 3000mm (12") Capacity Variable 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	EEDER CONVEYOR		GENERAL TECHNICAL DATA	
Drive Drum 1500mm (59") Width 3m (9'10") Spoke Tail Drum 1500mm (59") Width 3m (9'10") PRODUCT CONVEYOR 9 3.4m (11'2") PRODUCT CONVEYOR 9 9 9 Salt width 1150mm (46") 18.6m (60'11"') Conveyor length 5.4m (17'8") 9 Discharge Height 3560mm (11'8") 9 Stockpile Volume 78.6m° (103 yards°) 9 Stockpile Volume 78.6m° (103 yards°) 9 Stockpile Volume 650mm (26") Max. Output Size 300mm (12") Conveyor Length 6m (19'8") 9 Nax slope climbing 31° Discharge Height 3084mm (10'1") 9 Nax slope climbing 31° Stockpile Volume 54m° (70.6 yard°) 146 146 17avel Speed 0.8km/hr (0.5MPH) OPTIONS Central Auto-Lube System Overband Magnet Various Punched and Bofor Pre-Screen Plates	3elt width	1400mm (55")	TRANSPORT DIMENSIONS	
Spoke Tail Drum 1500mm (59") Height 3.4m (11'2') PRODUCT CONVEYOR OPERATING DIMENSIONS Length 18.6m (60'11"') Conveyor length 5.4m (17'8") Width 4.6m (15'1") Discharge Height 3560mm (11'8") Standard Weight 36000KG (39.7 US TONS Stockpile Volume 78.6m³ (103 yards³) Standard Weight 36000KG (39.7 US TONS SIDE CONVEYOR Max. Output Size 300mm (12") Conveyor Length 6m (19'8") Nax. Output Size 300mm (12") Capacity "Variable Max slope climbing 31° Stockpile Volume 54m³ (70.6 yard³) Track DATA Length Length Length 4300mm (14') Trackive Effort 48,000Nm Gearbox Ratio 146 Travel Speed 0.8km/hr (0.5MPH) OPTIONS OPTIONS OVerband Magnet Various Punched and Bofor Pre-Screen Plates	Conveyor length	11.5m (37'8")	Length	18.1m (59'3")
PRODUCT CONVEYOR OPERATING DIMENSIONS Belt width 1150mm (46") Conveyor length 5.4m (17'8") Discharge Height 3560mm (11'8") Stockpile Volume 78.6m* (103 yards*) Stockpile Volume 78.6m* (103 yards*) Stockpile Volume 650mm (26") Genveyor Length 650mm (26") Discharge Height 3084mm (10'1") Discharge Height 3084mm (10'1") Stockpile Volume 54m* (70.6 yard*) Track DATA Length Length 4300mm (14') Trackive Effort 48,000Nm Gearbox Ratio 146 Travel Speed 0.8km/hr (0.5MPH)	Drive Drum	1500mm (59")	Width	3m (9'10")
Belt width 1150mm (46") Conveyor length 5.4m (17"8") Discharge Height 3560mm (11"8") Stockpile Volume 78.6m ³ (103 yards ³) Standard Weight 36000KG (39.7 US TONS SIDE CONVEYOR Belt Width 650mm (26") Conveyor Length 6m (19"8") Discharge Height 3084mm (10"1") Stockpile Volume 54m ³ (70.6 yard ³) 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	Spoke Tail Drum	1500mm (59")	Height	3.4m (11'2")
Conveyor length 5.4m (17'8") Width 4.6m (15'1") Discharge Height 3560mm (11'8") Height 4.5m (14'9") Stockpile Volume 78.6m³ (103 yards³) Standard Weight 36000KG (39.7 US TONS StDE CONVEYOR PERFORMANCE Max. Output Size 300mm (12") Conveyor Length 6m (19'8") Max. Output Size 300mm (12") Discharge Height 3084mm (10'1") Max slope climbing 31° Stockpile Volume 54m³ (70.6 yard³) Track DATA Length 4300mm (14') Trackive Effort 48,000Nm Gearbox Ratio 146 Travel Speed 0.8km/hr (0.5MPH) Overband Magnet Various Punched and Bofor Pre-Screen Plates	RODUCT CONVEYOR		OPERATING DIMENSIONS	
Discharge Height 3560mm (11'8") Stockpile Volume 78.6m ³ (103 yards ³) StDE CONVEYOR Belt Width 650mm (26") Conveyor Length 6m (19'8") Discharge Height 3084mm (10'1") Stockpile Volume 54m ³ (70.6 yard ³) 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	Belt width	1150mm (46")	Length	18.6m (60'11"')
Stockpile Volume 78.6m³ (103 yards³) Standard Weight 36000KG (39.7 US TONS Side CONVEYOR	Conveyor length	5.4m (17'8")	Width	4.6m (15'1")
Side CONVEYOR PERFORMANCE Belt Width 650mm (26") Conveyor Length 6m (19'8") Discharge Height 3084mm (10'1") Stockpile Volume 54m³ (70.6 yard³) TRACK DATA 4300mm (14") 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	Discharge Height	3560mm (11'8")	Height	4.5m (14'9")
Belt Width 650mm (26") Max. Output Size 300mm (12") Conveyor Length 6m (19'8") Capacity *Variable Discharge Height 3084mm (10'1") Max slope climbing 31° Stockpile Volume 54m³ (70.6 yard³) TRACK DATA Length 4300mm (14') Trackive Effort 48,000Nm Gearbox Ratio 146 Travel Speed 0.8km/hr (0.5MPH) Travel Speed 0.8km/hr (0.5MPH)	Stockpile Volume	78.6m ³ (103 yards ³)	Standard Weight	36000KG (39.7 US TONS)
Conveyor Length 6m (19'8") Discharge Height 3084mm (10'1") Stockpile Volume 54m³ (70.6 yard³) 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		PERFORMANCE	
Discharge Height 3084mm (10°1″) Stockpile Volume 54m³ (70.6 yard³) 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	Belt Width	650mm (26")	Max. Output Size	300mm (12")
Stockpile Volume 54m³ (70.6 yard³) 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		6m (19'8")	Capacity	*Variable
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 Image: Central Auto-Lube System Overband Magnet Various Punched and Bofor Pre-Screen Plates	Discharge Height	3084mm (10'1")	Max slope climbing	31°
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 Image: Central Auto-Lube System Image: Central Auto-Lube System Image: Central Auto-Lube System Image: Central Auto-Lube System	Stockpile Volume	54m³ (70.6 yard³)	TRACK DATA	
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Travel Speed 0.8km/hr (0.5MPH) OPTIONS Central Auto-Lube System Overband Magnet Various Punched and Bofor Pre-Screen Plates Image: Central Auto-Lube System Image: Central Auto-Lube System Image: Central Auto-Lube System			Trackive Effort	48,000Nm
OPTIONS Central Auto-Lube System Overband Magnet Various Punched and Bofor Pre-Screen Plates Image: Imag			Gearbox Ratio	146
Central Auto-Lube System Overband Magnet Various Punched and Bofor Pre-Screen Plates			Travel Speed	0.8km/hr (0.5MPH)
			OPTIONS	
	Cent	ral Auto-Lube System Over	band 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

Innovation at Work

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TECHNICAL SPECIFICATION