



Equipment For Tough Terrain

Rock Remediation Series - RRS-01 Crusher, Tier 3

Engine	
Type:	Caterpillar, C15 Tier 3
Rated Power @ 2,100 RPM:	540 SAE Gross HP (403 kW)
Cylinders:	6
Displacement:	928 cu in. (15.2 L)
Max Net Torque @ 1,400 RPM:	1,819 lb-ft (2,466 N-m)
Fuel Run Time:	4.5 hrs @ maximum load

Hydraulic System	
System Relief Pressure:	6,000 psi (41,369 kPa)
Pumps:	(2) Rexroth 180cc
Motors:	(2) Rexroth 180cc
Maximum Flow:	200 GPM (757 L/Min)
Oil Filtration:	10 Micron

Cutter Drives	
Type:	(2) O&K F-100
Total Ratio:	21 to 1

Usable Capacities	
Fuel Tank:	148 gal (560 L)
Hydraulic Tank:	75 gal. (284 L)

Dry Weights	
Engine Skid:	10,700 lb. (4,853 kg)

Dimensions		840 Crusher	1040 Crusher
A	Width of Cutter Head:	114 in. (2,896 mm)	138 in. (3,505 mm)
B	Length of Cutter Head:	88 in. (2,235 mm)	88 in. (2,235 mm)
C	Height of Cutter Head:	73 in. (1,854 mm)	73 in. (1,854 mm)
D	Diameter of Drum: (Tooth to Tooth)	40 in. (1,016 mm)	40 in. (1,016 mm)
E	Maximum Cutting Depth:	12 in. (305 mm)	12 in. (305 mm)
F	Cutting Width:	96 in. (2,438 mm)	120 in. (3,048 mm)
G	Width of Engine Skid:	124 in. (3,150 mm)	124 in. (3,150 mm)
H	Length of Engine Skid:	73.5 in. (1,867 mm)	73.5 in. (1,867 mm)
I	Height of Engine Skid:	129 in. (3,277 mm)	129 in. (3,277 mm)

		Standard		
		Weight of Head:	20,721 lb. (9,399 kg)	24,095 lb. (10,929 kg)
Recommended Carrier Unit		CAT 966, John Deere 744-J or equivalent wheel loader or larger.	CAT 966, John Deere 824-J or equivalent wheel loader or larger.	

		Heavy		
		Weight of Head:	24,647 lb. (11,180 kg)	28,996 lb. (13,152 kg)
Recommended Carrier Unit		CAT 966, John Deere 824-J or equivalent wheel loader or larger.	CAT 980, John Deere 824-J or equivalent wheel loader or larger.	

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