



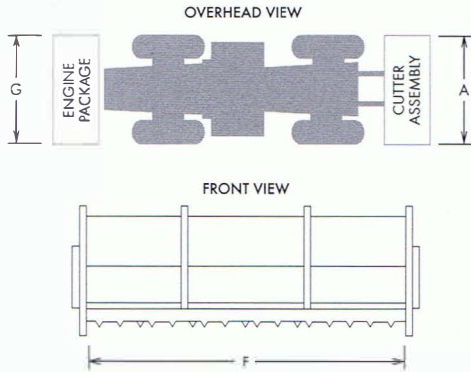
# Crusher 800 SERIES



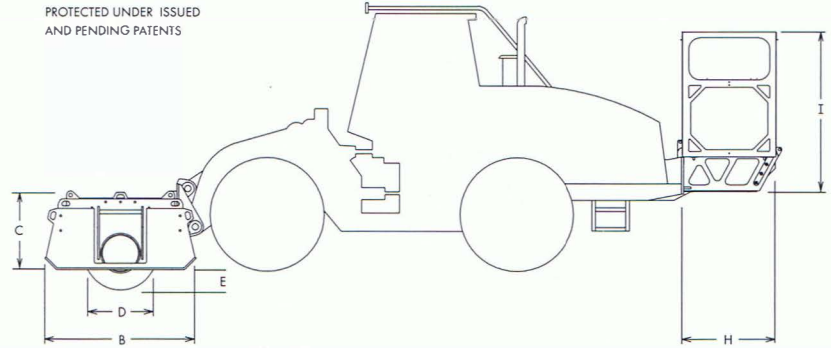
*Power is the hallmark of IronWolf's Crusher 800 series. These machines easily handle the rockiest roads or toughest concrete. Featuring a powerful bite that is one of the deepest in IronWolf's pack, the Crusher 800 series stabilizes to a maximum depth of 16 inches.*

## APPLICATIONS

- Asphalt Recycling
- Concrete Recycling
- Material Processing
- Mining and Material Production
- Reinforced Concrete Removal
- Rock Road Refurbishing
- Site Clearing
- Site Preparation and Excavation
- Soil Stabilization



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PLEASE CONTACT DISTRIBUTOR FOR MORE DETAILS REGARDING POTENTIAL CARRIER MACHINES AND INSTALLATION.

		840 CRUSHER	848 CRUSHER			840 CRUSHER	848 CRUSHER
<b>Engine</b>				<b>Dimensions</b>			
Type	(1) Caterpillar® C-15 turbocharger and air-to-air aftercooler	(1) Caterpillar® C-15 turbocharger and air-to-air aftercooler		A	Width of Cutter Assembly	114 in. (2,896 mm)	114 in. (2,896 mm)
Rated Power @ 2,100 rpm	502 SAE net hp (375 kW) 540 SAE gross hp (403 kW)	502 SAE net hp (375 kW) 540 SAE gross hp (403 kW)		B	Length of Cutter Assembly	88 in. (2,235 mm)	96 in. (2,438 mm)
Cylinders	6	6		C	Height of Cutter Assembly	50 in. (1,270 mm)	56 in. (1,422 mm)
Displacement	928 cu. in. (15.2 L)	928 cu. in. (15.2 L)		D	Diameter of Drum (Tooth to Tooth)	40 in. (1,016 mm)	48 in. (1,219 mm)
Max Net Torque @ 1,400 rpm	1,819 lb.-ft. (2,466 Nm)	1,819 lb.-ft. (2,466 Nm)		E	Maximum Cutting Depth	12 in. (305 mm)	16 in. (406 mm)
Air Cleaner	Dual-Stage dry type	Dual-Stage dry type		F	Cutting Width	96 in. (2,438 mm)	96 in. (2,438 mm)
Radiator	Mesabi®	Mesabi®		G	Width of Engine Package	115 in. (2,921 mm)	115 in. (2,921 mm)
				H	Length of Engine Package	54 in. (1,372 mm)	54 in. (1,372 mm)
				I	Height of Engine Package	98 in. (2,489 mm)	98 in. (2,489 mm)
<b>Hydraulic System</b>				<b>Options</b>			
System Relief Pressure	6,000 psi (41,369 kPa)	6,000 psi (41,369 kPa)		Heavy Cutter Assembly	Increases weight per tooth ratio. Adds 3,925 lbs. (1,780 kg) to the cutter assembly.	Increases weight per tooth ratio. Adds 4,822 lbs. (2,187 kg) to the cutter assembly.	
Pumps	(2) Rexroth® 180 cc	(2) Rexroth® 180 cc		Cutter Tilt	Enables side to side grade control up to 7 degrees of tilt.		
Motors	(2) Rexroth® 180 cc	(2) Rexroth® 180 cc		Cutter Drum Patterns	Optimizes production for particular applications.		
Maximum Flow	200 gpm (757 L/min)	200 gpm (757 L/min)		<b>Recommended Carrier Machine</b>	CAT 966, John Deere 744J, CAT 972, John Deere 824J, or equivalent wheel loader or larger. The 840 Crusher with the heavy cutter assembly or tilt option requires a CAT 966, John Deere 824J, or equivalent wheel loader or larger.		CAT 972, John Deere 824J, or equivalent wheel loader or larger. The 848 Crusher with the heavy cutter assembly or tilt option requires a CAT 980, John Deere 824J, or equivalent wheel loader or larger.
Filter, Return Oil	10 micron	10 micron					
<b>Cutter Drives</b>							
Type	(2) O&K® F-100	(2) O&K® F-100					
Total Ratio	21 to 1	21 to 1					
<b>Capacities</b>							
Fuel Tank	165 gal. (625 L)	165 gal. (625 L)					
Hydraulic System Reservoir	75 gal. (284 L)	75 gal. (284 L)					
<b>Dry Weights</b>							
Cutter Assembly	20,722 lb. (9,399 kg)	25,074 lb. (11,373 kg)					
Engine Package	10,700 lb. (4,853 kg)	10,700 lb. (4,853 kg)					



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