

RECLAIMER/ STABILIZER



Features:

- ▶ Four wheel drive, four wheel steer
- ▶ Heavy-duty unitized construction
- ▶ Bi-directional cutting capability
- ▶ Sliding operator station
- ▶ Central service center

WORKS FOR YOU.™

SPECIFICATIONS

ENGINE

Manufacturer, model	Caterpillar
Type	C13
Configuration	6 Cylinder
Net Power Rating	415 HP (309 kW)
Displacement	76.3 in ³ (12.5 L ³)
Certification	Tier 3/Stage IIIA
Bore	5.1 inches (130 mm)
Stroke	6.2 inches (157 mm)
Fuel Tank Capacity	250 gallons



ROTARY CUTTER ASSEMBLY

50" (1.27m) or 56" (1.42m) diameter mandrel	
Positive displacement lube system provides lubrication of the lower drive shaft to sealed cutter bearing.	
Standard cutter: 213 tungsten carbide teeth with .75 in (19 mm) shanks	
Teeth tap in/tap out for easy replacement	
185 replaceable heavy-duty steel holders on mandrel with unique dowel location system	
Cutting width	96 in (2438 mm)
Cutting depth* (Standard)	up to 17 in (432 mm)
(Maximum)	up to 20 in (508 mm)

*Depending on soil condition

CUTTER SPEEDS – 3-SPEED SELECT

Heavy-gauge, 163,000 lb (74,091 kg) double-capacity steel drive chain consists of twice the amount of side plates and hardened pins and rollers. Heavy-gauge steel chain case is partially filled with oil for chain lubrication.

WHEEL AND DRIVE SYSTEMS

Transmission	2 speed
Travel speed	0 - 6.4 mph (10.3 kph)
Working speed	0 - 155 fpm (0 - 47 mpm)
Front and rear drives – Unitized design incorporates four steerable hydraulic wheel motors. The rear oscillates to provide the third point in machine suspension.	
Pump–Variable electrical displacement control with pressure-protection systems	
Motor–Variable displacement, closed loop with high-pressure limiter	
Tires	26.5 x 25 (20PR)

MECHANICAL CUTTER DRIVE SYSTEM

Direct drive results in maximum breakout force for higher production rates.

- Cutter drive engagement is controlled with on/off switch at the operator control console.
- Engagement and disengagement is through an engine-mounted clutch and transmission, which also provide for cutter-speed changes.
- Two-stage engine and cutter-drive transmission overload protection includes a continuously engaged friction-type torque limiter between transmission and differential and a load-sensing electrical control, which responds to drops in engine speed with appropriate reductions in travel speed to maintain maximum power to cutter.
- Three-speed select cutter transmission provides the cutter torque needed in tough applications. Operator can select speed range for optimum gradation.

BRAKES

Service	Spring-applied, hydraulic release
Park	Fail-safe

WEIGHTS AND DIMENSIONS

Weight*	51,600 lb (23,405 kg)
Weight w/ Cab*	56,400 lb (25,583 kg)
Wheel base	17 ft 5 in (5310 mm)
Turning radius	14 ft (4267 mm)
Overall width	10 ft 1 in (3073 mm)
Overall length	30 ft 1 in (9169 mm)
Overall height (with ROPS)	11 ft 6 in (3505 mm)

*Weights do not include water system option

OPTIONAL EQUIPMENT

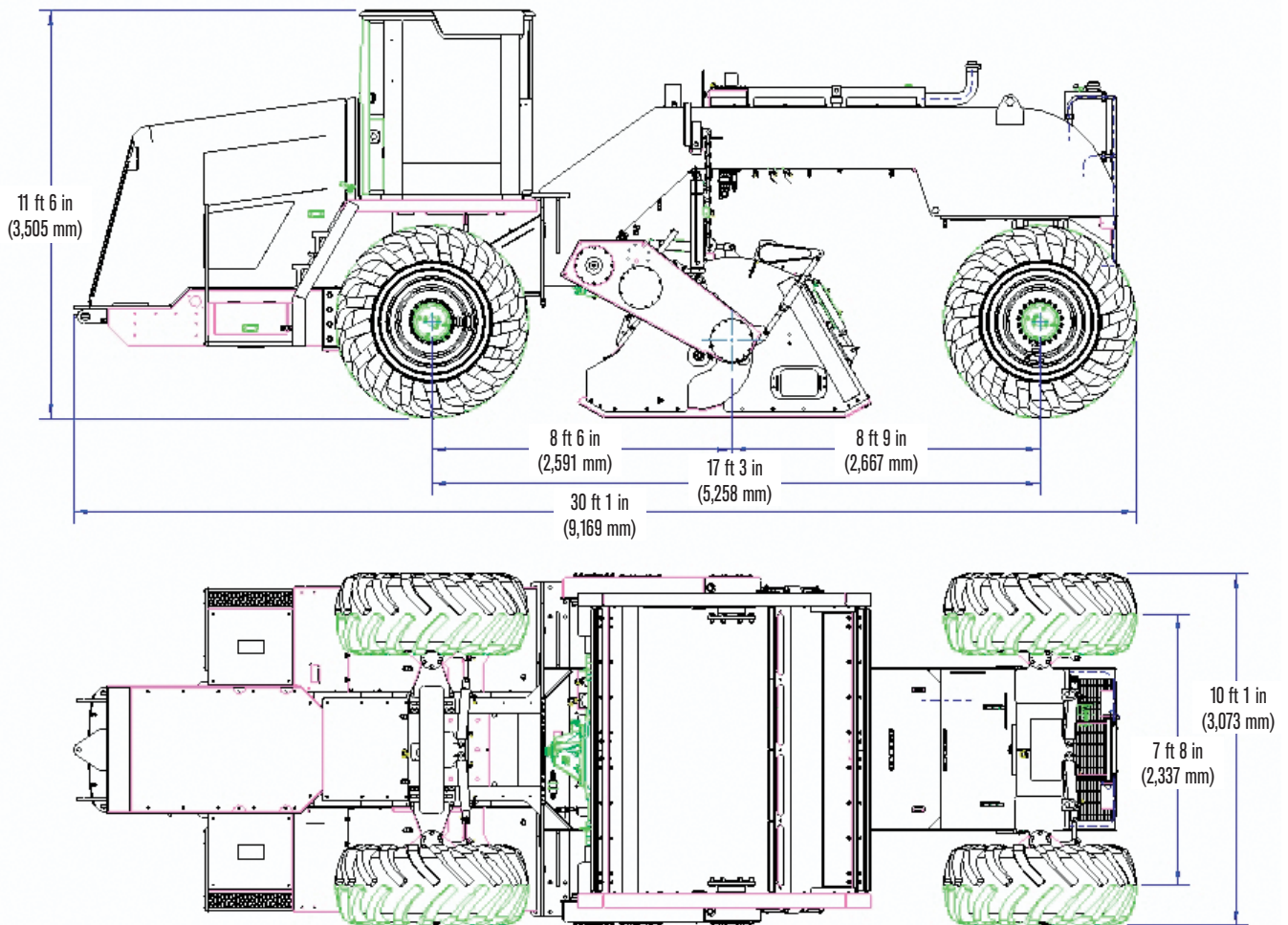
- ROPS/FOPS
- Water/emulsion injection system (600 gpm/2271 lpm)
- Various cutter drum design and holder systems are available
- Water System (600 gpm/2271 lpm)
- Cab w/ROPS

IMPORTANT NOTE: All dimensions and weights provided with standard width cutter. Operating and transportation dimensions and weights will vary depending on selected options. All electrical specifications used herein refer to U.S. standards of voltage and frequency. Any electrical equipment that is factory-installed will be compatible with power availability requirements of any customer's country.

Gross horsepower based on SAE J1995 standard conditions 77°F (25°C) and 29.31 in (99 kPa) Hg using 35 API gravity fuel and engine equipped with fuel, lube oil and jacket water pumps. No derating required up to 3,300 ft (1,005.84 m) altitude.



DIMENSIONAL INFORMATION:



RS446C: PERFORMANCE CHARACTERISTICS

WORK FUNCTION	APPLICATION	OPTIONS
Base/Soil Stabilization	Chemical (cement, lime, other) Asphalt Emulsion	Optional RS Water System Available Optional RS Asphalt Emulsion System Available
Base/Soil Stabilization Cutting Depth	Up to 20 in (508 mm)*	
Full Depth Reclamation	Chemical (cement, lime, other) Asphalt Emulsion	Optional RS Water System Available Optional RS Asphalt Emulsion System Available
Soil Blending or Drying		
Building Pads		

*Depending on soil condition

www.terex.com

Effective Date: November, 2010. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex is a registered trademark of Terex Corporation in the USA and many other countries. Copyright 2010 Terex Corporation.

Terex Corporation P.O. Box 1985, Oklahoma City, OK 73101
(405) 787.6020 1-888-TEREXRB www.terex.com

