



Soil Stabilizer/Reclaimer

SX-8

SX-8e: Tier 4i; Caterpillar® C18 755 hp (563 kW) @ 1,900 rpm
SX-8ex: Tier 3; Caterpillar® C18 700 hp (515 kW) @ 1,900 rpm*
**ex machines for lesser regulated countriesw*

WEIGHT
83,000 lbs (37,648 kg)

THE HIGH-PERFORMANCE SX-8 IS IDEAL FOR YOUR TOUGHEST SOIL STABILIZATION JOBS

Power & High-Performance

The high-performance SX-8 soil stabilizer-reclaimer combines power with a large working width and depth, making it ideal for the toughest soil stabilization jobs. The SX-8 features a clean-running 755 hp (563 kW) CAT® C18 engine that provides power to the rotor through a direct drum drive. The machine is capable of cutting up to 20" (508mm) deep and 100" (2,540mm) wide. Whether performing road rehabilitation, cold recycling, or soil stabilization, the Roadtec SX-8 will meet and exceed your expectations.



Efficient Milling & Mixing

The SX-8 has a powerful rotor for milling and mixing the most resistant soils completely and homogeneously. A variable geometry cutter housing enables the SX-8 to obtain a quality material gradation with each pass. The variable geometry design positions the cutter in a way that promotes material sizing as well as the flow of the material. Heavy-duty front and rear doors are hydraulically adjustable for additional control of gradation and flow.

Designed for Operator Comfort & Visibility

The SX-8 was designed with operator comfort and visibility in mind. The ergonomic design of the sealed cabin situates the operator in optimal position to reach all important controls and systems. The machine's controls are conveniently arranged to allow for safe and convenient machine operation. Joystick controls and four different steering modes increase the machine's maneuverability and ease of operation. The operator seat slides laterally and swings 90° to help create the perfect vantage point from which to work. The operator platform also slides 18" past the right of the machine for additional visibility. The ergonomic design of the sealed cabin situates the operator in optimal position to reach all important controls and systems.



Cooling System

The SX-8 cooling system pulls air from the cleanest possible area at the top of the machine before it is exhausted through the radiator package. This reduces the amount of dust traveling through the cooling system and makes it more efficient. Clean-out panels provide convenient access for radiator maintenance.

Weight Balance

Designed to perform in the cut without being extremely heavy to transport or consuming excessive fuel, The SX-8's weight is evenly distributed between the two axles. This allows power to be applied as efficiently as possible. With weight balanced over the cutter, the machine is better equipped to perform in the most difficult project environments.

Air-Shift Transmission

An air-shift 4-speed transmission allows the change of cutter speeds without a loss in production on the SX-8. The operator can select the appropriate cutter speed for the current conditions without making modifications to the cutter drive, saving an enormous amount of time and effort.

Options

Water & Emulsion Additive System

- 500 gpm (1,893 lpm) capacity with fully automatic controls and manual override.

Tow Hitch

- Rear assembly tow hitch to pull tanker.

20" (508 mm) Cut Depth

- 58" (1,473 mm) diameter drum required.

Additional Lighting

- (4) 24v high intensity discharge lights.

Expanded / Foamed Additive System

- Hot oil-jacked spray bar & foaming nozzles that pre-mix air and water with asphalt.

SPECIFICATIONS

ENGINE

- Tier 4i, Caterpillar® C18 755 hp (563 kW) @ 1,900 rpm

WEIGHT

- Shipping weight..... 83,000 lbs (37,648 kg)

ELECTRICAL SYSTEM

- CAN-bus serial communication systems for superior performance, reduced wiring, increased reliability & improved service and maintenance features.

PROPEL SYSTEM

- 2-speed hydrostatic drive
- 4-wheel drive with 4 pumps

SPEED

- Travel 6 mph (10 kph)
- Work 266 fpm (81 mpm)

TIRES

- Heavy-duty, three-piece wheels prevent rim slippage and tire failure. High-flotation, deep tread 26.5 x 25 tires.

STEERING

- Joy stick-controlled. Four steering modes: coordinated steer, crab steer, front steer only, rear steer only.
- Turning radius 14' (4,267 mm) in cut

OPERATOR STATION

- Fully enclosed and pressurized with A/C and heating system
- The cab can extend up to 18" (46 cm) to the right side of the machine

INJECTION SYSTEM

- Water or emulsion
- Up to 500 gpm (1893 lpm)

CUTTER SYSTEM

- Multi groove V-belts
- Hydraulic clutch
- 4 speed air shift transmission
- Planetary gearbox final drive with auto belt tension

CUTTER

- Right-hand flush cut
- Cutting width 100" (2,540 mm)
- Cutting depth..... 16" (406 mm)
with 50" drum (1,270 mm)
- Max cutting depth..... 20" (508 mm) (with 58" drum)
with 58" drum (1,473 mm)

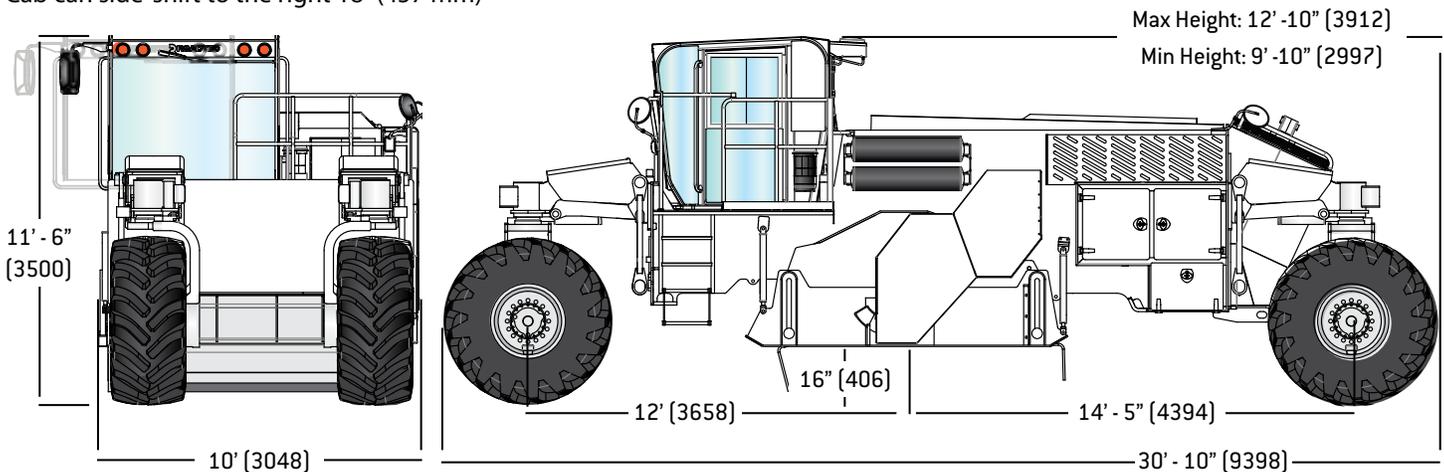
CUTTER SPEEDS

- Number of speeds: 4
- Speed 1 92 rpm
- Speed 2 118 rpm
- Speed 3 146 rpm
- Speed 4 181 rpm

SERVICE CAPACITIES

- Fuel Tank 320 gal (1211 l)
- Hydraulic Fluid Tank..... 62 gal (234 l)
- Air System..... 30 gal (114 l)

Cab can side-shift to the right 18" (457 mm)



Dimensions in brackets are mm.

Specifications are subject to change without notice.

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800 MANUFACTURERS RD • CHATTANOOGA, TN 37405 USA • 800.272.7100 • FAX 423.267.7104 • roadtec.com

