



Soil Stabilizer/Reclaimer

SX-4

ENGINE

SX-4e: Tier 4i; Cummins® QSX-15 450 hp (336 Kw) @ 2,100 rpm
SX-4ex: Tier 3; Cummins® QSX-15 450 hp (336 Kw) @ 2,100 rpm*

** ex machines for lesser regulated countries*

OPERATING WEIGHT

57,000 lbs (25,910 kg)



FEATURES



Power, Versatility and Mobility

Weighing less than 60,000 lbs (27,215 kg), the mid-size SX-4 offers a rare combination of power and mobility. The SX-4 is perfectly balanced allowing the power to be used in the most efficient way possible. Whether performing road rehabilitation, cold recycling, or soil stabilization, the Roadtec SX-4 will meet and exceed your expectations. Roadtec has brought together portability and durability, economy and mobility, versatility and ergonomic design, to create a state-of-the-art solution to your surfacing needs.

Designed for Easy Transport

Doing the job right means getting to the site easily and quickly. With a transport height of 11'-6" (3505 mm), width of 8'-1" (2470 mm) and low weight, the SX-4 is among the most compact recyclers and stabilizers available today. That means you can load and unload quickly and easily, and maximize your time at the job site, and minimize the cost of getting there.

Powerful & Efficient System

The SX-4 has a powerful rotor for milling and mixing the most resistant soils completely and homogeneously. A high-performance 6-cylinder diesel engine powers the rotor through a direct drum drive. For extra power, the SX-4's center of gravity is located close to the rotor, to increase load bearing over the milling site, and break down the toughest surfaces.



Versatile Enough to Tackle Every Situation

Different projects call for different cut depths, or different additives to be mixed into the material. The front and rear moldboards are hydraulically adjustable on the SX-4. In deep cuts or when mixing additive, the moldboards can be adjusted to create the room needed to mix the material sufficiently. In shallow cuts, the moldboards can be set for superior gradation. This feature adds to the machine's versatility by allowing smooth production in various types of projects.

Cold Recycling

For your cold recycling projects, the SX-4 features on-board material recycling. As pavement is milled, create firm new strata via microprocessor-controlled onboard injection systems that combines milled materials to produce binding agents. Inject water, cement, foamed bitumen, or bitumen emulsions carried in separate tanks to maximize the stability of the new layers.

Mobility & Maneuverability

To ensure the SX-4 is able to maneuver within environments necessary to accomplish her many and varied operations, we've supplied it with unparalleled mobility and adaptability. All four wheels are steered independently, with microprocessors. This allows the SX-4 to work longitudinally and across sloped work planes. The operator can also steer each axle independently, opting for front axle steering, rear axle steering, co-ordinate axle steering, or, for reaching those really hard-to-get-to areas, crab steering.

Responsive Control & Safe Working Conditions

The ergonomic design of the sealed cabin situates the driver in optimal reach of all important controls and systems, and at the perfect vantage point from which to work. The SX-4 comes with cabin air-conditioning and heating as standard features, and the cabin's soundproofing system protects the operator from excessive engine noise, as well.

Options

Water & Emulsion Additive System

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

Expanded / Foamed Additive System

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

Front Push Bar

- Front assembly to push tanker.

20" (508 mm) Cut Depth

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

Additional Lighting

- (4) 24v high intensity discharge lights.

SPECIFICATIONS

ENGINE

- SX-4e: Tier 4i; Cummins® QSX-15 450 hp (336 Kw) @ 2,100 rpm
- SX-4ex: Tier 3; Cummins® QSX-15 450 hp (336 Kw) @ 2,100 rpm

WEIGHT

- Shipping weight..... 55,000 lbs (25,000 kg)
- Operating weight 57,000 lbs (25,910 kg)

ELECTRICAL SYSTEM

- CAN-based electronics
- Two 8D batteries
- 105 amp Alternator
- 24v system with master disconnect switch and emergency engine shutdown

PROPEL SYSTEM

- 2-speed hydrostatic drive
- 4-wheel drive with differential lock

SPEED

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

TIRES

- Heavy-duty, single-piece wheels prevent rim slippage and tire failure. High-flotation, deep tread 620/75 R26 tires.
- Joy stick-controlled. Four steering modes: coordinated steer, crab steer, front steer only, rear steer only.
- Turning radius 14' (4,267 mm)

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 (1,893 lpm)

CUTTER SYSTEM

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

CUTTER

- Right-hand flush cut
- Cutting width 78" (2,000 mm) & 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)

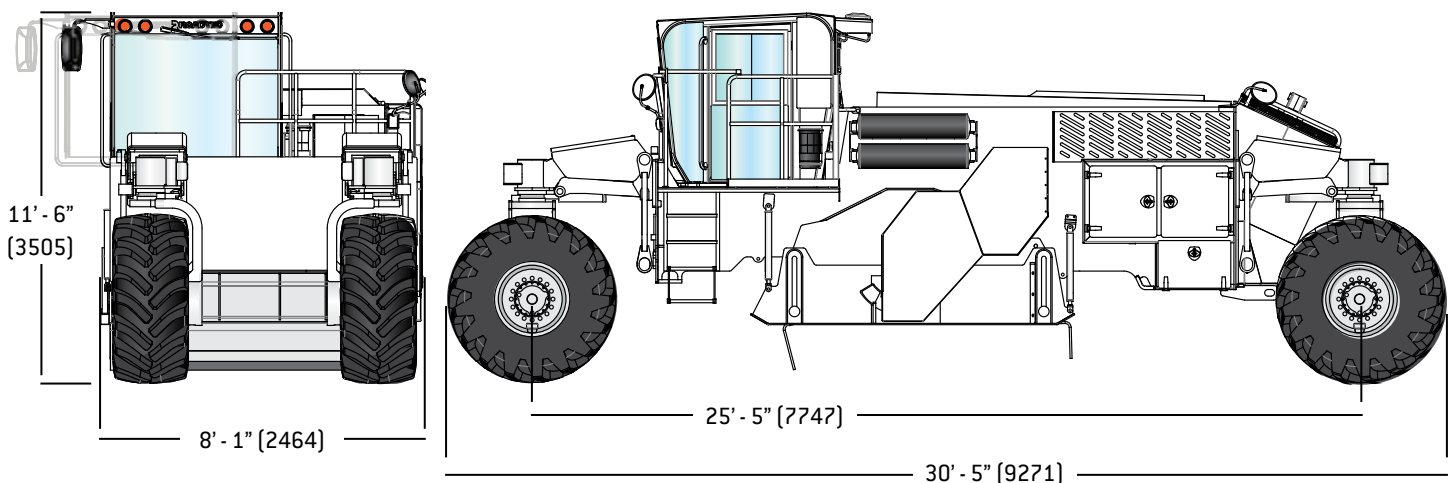
CUTTER SPEEDS

- Number of speeds: 4
- Speed 1 97 rpm
- Speed 2 124 rpm
- Speed 3 154 rpm
- Speed 4 190 rpm

SERVICE CAPACITIES

- Fuel Tank 240 gal (908 l)
- Hydraulic Fluid Tank..... 50 gal (190 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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