



Soil Stabilizer/Reclaimer

SX-2



ENGINE

Tier 4F, Cummins® QSL9 380 hp (283 kW) @ 2,100 rpm

WEIGHT

Shipping Weight: 42,000 lbs (19,050 kg)

Operating Weight: 44,000 lbs (19,958 kg)



A TASK-SPECIFIC SOIL STABILIZER WITH A REAR MOUNT CUTTER DESIGNED TO PERFORM WITH EASE AND RELIABILITY

Overview: SX-2

The SX-2e is a soil stabilizer with a rear mount cutter designed to perform small to medium sized projects with ease and reliability. The machine is powered by a Cummins QSL9 380 hp (283 kW) Tier 4 final engine. Power is easily distributed to conduct quality results in a number of project environments. The SX-2e cutter housing is positioned behind the tractor for excellent mobility. A high efficiency hydrostatic drum drive powers the cutter drum.

Hydraulically Driven Cutter

The SX-2e cutter drum is powered by a highly efficient hydrostatic drum drive. A standard 50" (1,270mm) diameter cutter drum will allow the machine to achieve a cut depth of 18" (457mm) and a cut width of 78" (2,000mm).

Frame

All Roadtec milling machines start with an extremely strong frame completely fabricated, welded and assembled by us. This gives us complete control over the design and quality of the build. We are the only manufacturer to use A656 Grade 80 steel. This special grade of steel has twice the strength of the mild steel that is commonly used. This allows us to build stronger frame than anybody else in the industry without adding weight.

Hydraulically Driven Cutter

The SX-2e cutter drum is powered by a highly efficient hydrostatic drum drive. The hydrostatic drum drive allows the engine's power to be transferred to the drum without the pulleys, belts, or additional wear components. A standard 50" (1,270mm) diameter cutter drum will allow the machine to achieve a cut depth of 18" (457mm) and a cut width of 78" (2,000mm).

Cutter Housing

The cutter housing design positions the cutter in a way that promotes material sizing as well as the flow of the material. The heavy duty rear door is hydraulically adjustable for additional control of gradation and flow.

Operator Comfort

The SX-2e is equipped with a fully enclosed, pressurized cab with heat and air conditioning. The machine's controls are conveniently arranged to allow for safe and convenient machine operation. Simple controls and excellent visibility allow the operator to work with confidence and comfort.

Versatility

Excellent weight balance and mobility allow the SX-2 to efficiently perform in both soil stabilization and reclamation applications. The rear mount cutter design provides the operator with tremendous control over initial cut position in smaller areas. The balanced machine weight is critical for maintaining consistent cut depths in turns and cul-de-sacs.



OPTIONS

- Injection system used for water or emulsion with a 500 gpm (1,893 LPM) capacity
- 4 wheel drive
- Climate controlled cab
- Air system

ENGINE

- Tier 4F, Cummins® QSL9 380 hp (283 kW) @ 2,100 rpm

WEIGHT

- Shipping weight..... 42,000 lbs (19,050 kg)
- Operating weight 44,000 lbs (19,958 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
- 2-wheel rear drive with differential lock

SPEED

- Travel: 6 mph (10 kph)
- Work: 150 fpm & 300 fpm

TIRES

- Heavy-duty, single-piece wheels prevent rim slippage and tire failure. Rear: 23.5-25 Front: 15.5-25

STEERING

- Joy stick-controlled. Front steering.
- Turning radius 10' (3,048 mm) in cut.

OPERATOR STATION

- Fully enclosed and pressurized with A/C and heating system (optional)
- Fixed cab / right side flush mounted

INJECTION SYSTEM

- Water or emulsion
- Up to 500 gpm (1,893 lpm)

CUTTER SYSTEM

- High efficiency / high torque hydrostatic drive
- 2 Planetary gearboxes

CUTTER

- Right-hand flush cut
- Cutting width 78" (2,000 mm)
- Cutting depth..... 18" (457 mm)
with 50" drum (1,270 mm)]

CUTTER SPEEDS

- Variable - 80 to 160 rpm

SERVICE CAPACITIES

- Fuel Tank 170 gal (644 l)
- Hydraulic Fluid Tank..... 80 gal (303 l)

