

S200

SOIL STABILIZER



ENGINEERED INNOVATION



High production soil stabilization and reclamation.

Engineered to perform in a variety of applications, the Weiler S200 Soil Stabilizer is available with two rotor options. The soil rotor provides stabilization that can greatly increase the integrity of the subgrade while the combination rotor provides in-place reclamation and a cost-effective way to recycle material without the expense of removing and replacing. The S200 performs with excellent mix quality and a dependable rotor drive system.



1

COMBINATION ROTOR.

The 78" (1981 mm) wide combination Kennametal® rotor features 176 of the RK4-01 cutting bit which combines superior holder protection and easy penetration for maximum performance. Bits are replaceable with Cat® part numbers.



1

2

SOIL ROTOR.

The 48" (1219 mm) diameter soil Kennametal® rotor features 80 of the AR350T carbide edge flat tooth for excellent wear and performance. Flat tooth is replaceable with Cat® part numbers.



2

3

DEPENDABLE ROTOR DRIVE.

Rear mounted rotor is powered by dual high-torque, direct-drive planetary motors with a 14" (355 mm) maximum cutting depth and 150 rpm max drum speed. The hydraulically adjustable rear rotor gate manages material mix and flow.

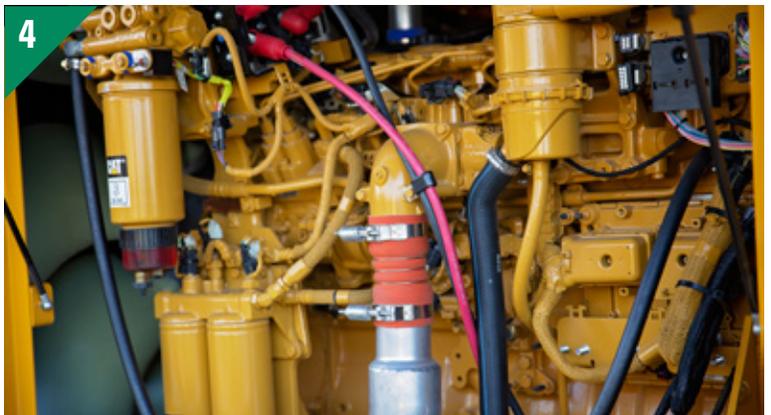


3

4

POWER TO PERFORM.

A Cat® C9.3B Tier 4 engine with 375 hp (279 kW) provides clean, reliable power. Hydrostatic 4-wheel drive with two speeds allows up to 180 fpm (55 mpm) working speeds and 10 mph (16 km/hr) transport speed.



4

Performance and versatility.

The rear-mounted rotor design allows the S200 to work in locations not accessible by mid-mount rotor machines. Standard features like auto depth set point and auto load control ensure optimal results and performance. The optional machine tilt provides optimal gradation while the rear steer option provides unmatched maneuverability in and around jobsites.





1

AUTO DEPTH SET POINT.

The auto depth set point feature allows the operator to set the desired rotor depth and return to that same depth with the push of a button on the joystick. Depth reading is visible to the operator on the full color display.

2

AUTO LOAD CONTROL.

The automatic load control feature monitors system pressures to set ground speed to maximize efficiency of the machine and eliminate overloading the mixing chamber and stalling the rotor.

3

TRACTOR LEVELING OPTION.

The optional tractor leveling feature allows the S200 to tilt up to 5° in either direction to match grade conditions and provide excellent material gradation in varying applications.

4

REAR STEER OPTION.

The optional rear steer reduces the turning radius from 37' (11.3 m) to 23' (7 m) for high maneuverability on tight jobsites. The rear steer provides four steering modes: front steer, rear steer, crab steer and coordinated steer and features an auto return to center.



Simple operation and service.

Easy to operate and easy to maintain are key features of the S200. Intuitive controls and excellent visibility allow operators to work efficiently and effectively. Easily accessible service points and quick bit changes maximize machine uptime and productivity.

1

COMPLETE CONTROL.

All controls for the S200 are within easy reach of the operator from the high-back, suspension seat. The full-color LCD display provides machine conditions and diagnostics within a simple menu structure.

2

OPTIMAL VISIBILITY.

The operator seat rotates 357° and slides from side-to-side across the platform providing optimal sight lines for the operator on either side of the machine. Angled ladders, located on both sides of the machine, provide access to the platform.

3

ACCESSIBILITY.

Critical service components are accessible from ground level and the large engine access doors are equipped with gas springs for ease of maintenance. Color-coded wires, braided electrical harnesses and sealed connections simplify troubleshooting.

4

QUICK ROTOR SERVICE.

The rotor features an hydraulic bypass to allow for quick bit changes. Cat® cutting bits and paddles and replaceable bit holders ensure quick replacement and optimal uptime for your crew.



SPECS

WEIGHT	40,000 lb	18 143 kg
HEIGHT	11' 5"	3480 mm
LENGTH	27' 8"	8432 mm
WIDTH	8' 2"	2489 mm
WHEELBASE	129"	3276 mm
GROUND CLEARANCE	19"	482 mm
ENGINE	Cat® C9.3B Tier 4/C9.3 Tier III	
HORSEPOWER	375 hp	279 kW
TRANSPORT SPEED (MAX)	10 mph	16 km/hr
WORKING SPEED (MAX)	180 fpm	55 mpm
CUTTING WIDTH	78"	1981 mm
CUTTING DEPTH (MAX)	14"	355 mm
DRUM DIA/ W/TEETH	48"	1219 mm
DRUM SPEED (MAX)	150 rpm	
FUEL TANK CAPACITY	190 gal	719 L
HYDRAULIC TANK CAPACITY	90 gal	340 L
FRONT TIRES	14.9-24 8 PR	
REAR TIRES	28LR26 165 LI	

OPTIONAL EQUIPMENT

- Soil Bit Rotor (80 tooth)
- Combination Bit Rotor (176 bit)
- Rear Steer w/ Auto Center
- Enclosed Cab with AC/Heat and LED Work Lights
- Emulsion Water Spray System w/ Push Bar
- LED Lighting
- Leveling Tractor Group
- Toolbox Group





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