

Vermeer®

Stump Cutter

SC 652



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Stumps don't stand a chance

As stump cutters go, the SC652 is small in stature but big on performance. It goes where tow-behind machines can't and makes short work of stumps when it gets there.

The SC652 has the small footprint that lets you maneuver easily into tight spots. Its powerful 65-horsepower (48 kW) engine provides plenty of torque to take out the toughest stumps, and the Vermeer-exclusive Yellow Jacket™ Cutter System offers extended pocket and tooth life.

With plenty of ground clearance and full-time four-wheel drive, the SC652 handles uneven terrain and rough ground conditions without losing traction.

The two-speed ground drive system allows you to move quickly around the jobsite at 150 fpm (45.7 m/min) or switch to creep control for accurate positioning at the stump.

The SC652's three-position swingout control system offers convenient operation, even in confined spaces.

And when the job is done, the SC652's small footprint makes it easy to pack up and move on to the next one.

Stump-cutting Power with a Narrow Footprint



The cutter wheel can achieve cutting heights of 31" (79 cm) above ground and 25" (64 cm) below grade. As the boom drops from the fully raised position, the wheel moves away from the machine, increasing the cutting width and boosting productivity without having to reposition the unit.



The optional 34" (86 cm) wide chip blade easily moves chips around the jobsite, reducing manual cleanup time. Its rounded lower edge reduces turf damage.

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The optional radio remote controls allows operation of most machine functions without the need to stand at the swingout control station or the front-mounted auxiliary control panel.



Yellow Jacket Cutter System, a Vermeer exclusive, offers faster, easier serviceability, along with almost double the pocket and tooth life of other systems. Teeth mounted on the side of the cutterwheel in a 4.5" (11 cm) wide radial band allow a deeper cut on each pass through the stump.



Direct-drive hydrostatic motor powers the cutter wheel, eliminating the need for clutch and belt-drive maintenance. The inline drive system between the motor and gearbox is connected by a driveshaft with u-joints, eliminating side loads and prolonging seal and motor-component life.

SC652 Specifications

General

Weight: 3900 lb (1769 kg)
Length (boom-up position): 12.25' (3.7 m)
Width (with duals): 56" (142.2 cm)
Width (without duals): 35" (89 cm)
Height: 76.5" (194.3 cm) with Cummins engine
Outside turning diameter: 18' (5.4 m)

Engine

Make and model: Cummins B3.3NA
Gross horsepower: 65 hp (48 kW) @ 2600 rpm
Maximum torque: 158 ft-lb (214 Nm) @ 1600 rpm
Electrical system: 12 V
Fuel-tank capacity: 13.5 gal (51.1 L)

Hydraulic System

Oil-tank capacity: 14 gal (53 L)
Oil type: Vermeer HyPower 68
Oil cooler: Standard

Cutter Wheel Drive Train

Wheel diameter (without teeth): 23" (58.4 cm)
Wheel thickness: 1.13" (2.9 cm)
Drive: Hydrostatic Direct Drive Gearbox
Tooth style: Yellow Jacket Cutter System
Number of teeth: 26

Cutting Dimensions

Above ground level: 31" (78.7 cm)
Below ground level: 25" (63.5 cm)
Straight line: 72" (182.9 cm)



The 3-year / 3000-hour extended limited warranty on select stump cutter gearboxes and driveline offers you peace of mind, in addition to the 1-year / 1000-hour Vermeer equipment limited warranty.



Daily service check points — including air restriction, engine oil, and hydraulic oil indicators — are accessible from the exterior of the machine. Routine maintenance can be performed in many areas without removing a panel; other maintenance areas can be easily accessed through hinged doors and panels.

Your Complete Global Service Provider for Quality Parts and Service



The Preventive Maintenance Plus program offers you flexibility in choosing a preventive maintenance plan that best fits your situation and service needs.



Get the parts and service edge. In addition to providing quality equipment, Vermeer delivers top-quality parts and superior services. Vermeer parts are manufactured to exacting specifications to help keep your Vermeer equipment running trouble-free and at OEM specifications.



Vermeer offers factory-certified training programs to its dealer network to ensure that the most current service procedures are presented to the service personnel of your Vermeer dealer.

Building Industry Partnerships to Serve You Better

Vermeer has forged strong strategic alliances with tree industry giants that include Sherrill Incorporated and ArborMaster Training. These alliances ensure that top-quality industry support is the standard at Vermeer dealerships. Membership with the TCIA and ISA helps Vermeer stay in touch with the customers it serves and the issues they face.



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