

SPECIFICATIONS: 30SGB

Dimensions:	U.S.	Metric:
Weight	1,700 lbs	757.50 kg
Height	49.5"	1.25.7 m
Length (head to side)	79"	2.007 m
Length (head straight)	98"	2.489 m
Width	35.5"	901.7 mm
Track Width	7.1"	180 mm
Total Ground Contact	470 sq in	.303 sq m
Engine Options*:		
Briggs Vanguard	31hp V-Twin	31hp V-Twin
Fuel	Gasoline	Gasoline
Additional Specs:		
Hydraulic Reservoir	14 gallons	52.99 liters
Hydraulic Flow to Head	13.3 gpm	50.35 lpm
Head Swing	134°, 99.7" arc	134°, 2.5m arc
Ground Drive Forward	290 ft/min	88.4 m/min
Ground Drive Reverse	180 ft/min	55 m/min

*Briggs specs per <http://www.vanguardengines.com/engines/Air%20Cooled%20V-Twin%20Big%20Block%20Horizontal%20Shaft/31-gross-hp-hs/>



30SG STUMP GRINDER

DESIGN

An offshoot of the dependable *TK* track trencher, the 30SG stump grinder features a variant of the same time-tested track drive platform used by the *TK* series. The 30SG has a hydraulically-driven cutter wheel that is raised and lowered into the stump and then moved from side to side to cut down. The 30SG is powered by a 31hp Briggs & Stratton Vanguard V-Twin engine. The engine is coupled to two gear pumps: the larger gear pump drives the cutter wheel and the smaller pump works the tilt and swing cylinders. The tracks are driven by independent hydrostatic pumps mounted on the rear of the engine for easy access and simple linkage control. Counterbalance valves on each track drive prevent the track motors from slipping while the cutter wheel is engaged in the cutting process, even while operating on a slope.

CONTROLS

The cutter wheel operation and articulating arm are operated by controls mounted on the console. The cutter wheel is activated by a switch on the control stick and has a secondary safety switch to prevent accidental engagement. Back and forth movement across the stump, as well as depth of cut, are easily controlled by handles on the console, allowing for carefully controlled movement of the cutter wheel as it reduces the stump to chips.

ROI

All hydraulic drive to the cutter wheel eliminates costly belts. It also increases customer satisfaction by ensuring there is no loss of power because of a damaged belt or mechanical component. The track drive increases maneuverability around the jobsite, creating customer satisfaction by allowing them to get the job done with increased efficiency.

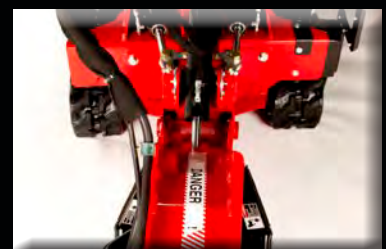
FEATURES



Easy controls operate the track drive and cutter wheel



Time-tested track design absorbs impact and provides stability



Hydraulically driven, center-mounted cutter wheel provides 134° head swing.



The engine is coupled to two gear pumps: a larger pump drives the cutter wheel and a smaller pump works the tilt and swing



Counterbalance valves on each track drive prevent the track motors from slipping

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