



BC1800XL GAS BRUSH CHIPPER



CHIPPING PRODUCTIVITY. The patented SmartFeed system monitors engine rpm and automatically stops, reverses, and re-engages the feed rollers when feeding larger material.



165 HP INDUSTRIAL GAS ENGINE. The BC1800XL is designed with a 165 HP (123 kw) PSI 5.7 L gas engine, powerful enough to tackle jobsite challenges when chipping large diameter wood.



CONTROLLED JOBSITE. The Tree Commander™ remote comes standard with the BC1800XL gas to help with productivity on the jobsite and let the operator control the brush chipper functions remotely. The remote can be attached to the operator's belt or held in an optional bracket mounted directly to the operator's station on a Vermeer mini skid steer.



SMOOTH FEEDING. Vertical feed rollers with helical cleats help hold material firmly to the feed table, which helps reduce vibration, shock and structural loading to the rear of the machine.



OPTIONAL WINCH. The winch allows operators to move large logs with less effort. The 150' (91.4 m) winch line has 2000 lb (907.2 kg) of pulling force.



OPERATOR SAFETY. Mounted over the feed table, the four-position upper feed control bar enables the operator to stop the feed rollers and select forward or reverse. The patented bottom feed stop bar is strategically located to make it possible for an operator's leg to strike the bar and shut off the feed mechanism either intentionally or automatically in an emergency situation.

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GENERAL DIMENSIONS AND WEIGHTS

Length-feed table up, tongue in: 177" (449.6 cm)

Length-table down, tongue extended: 231" (586.7 cm)

Width: 78.5" (199.4 cm)

Height: 110" (279.4 cm)

Weight (without winch and hydraulic jack): 8800 lb (3991.6 kg)

Weight (with winch, hydraulic jack and hydraulic chute): 9300 lb (4345.5 kg)

Tongue weight: 840 lb (589.7 kg)

Length with winch: 222" (563.9 cm)

ENGINE

Make/model: PSI 5.7 L

Gross horsepower: 165 hp (123 kW)

Max torque: 300 ft-lb (406.8 Nm)

Fuel type: Gas

Number of cylinders: 8

Cooling medium: Liquid

Fuel tank capacity: 50 gal (189.3 L)

FEED SYSTEM

Chipping capacity: 19" (48.3 cm)

Infeed opening height: 24" (61 cm)

Infeed opening width: 20" (50.8 cm)

Feed roller orientation: Vertical

Feed table height: 34" (86.4 cm)

Max feed speed: 104 FPM (31.7 m/min)

Feed roller dimensions: (Two) 23.5" x 18" (59.7 cm x 45.7 cm)

DRUM/DISK CUTTING SYSTEM

Disc/drum speed: 1115 rpm

Drum size: 36" diameter (91.4 cm)

Drum thickness: .5" (1.3 cm)

Knives: 4 knives – 5.5" x 10" x .625" (14 cm x 25.4 cm x 1.6 cm)

Bedknife: 4-sided – 3" x 20.25" x 1.25" (7.6 cm x 51.4 cm x 3.2 cm)

Clutch: 13" (33 cm) Spring Loaded Clutch

DISCHARGE SYSTEM

Discharge height: 110" (279.4 cm)

Degree of rotation: 270°

HYDRAULIC SYSTEM

Hydraulic tank: 12 gal (45.4 L)

CHASSIS/BRAKES

Frame: 2.13" x 7" (5.4 cm x 17.8 cm)

Tires: 235/75R17.5 load range H

Axle/suspension: Torflex

Hitch: Pintle

OTHER OPTIONS

Special paint: Optional

Extended warranty: Optional

Preventative maintenance: Optional

Adjustable height discharge chute: Optional

NOTES:

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