

BC1800XL GAS BRUSH CHIPPER



CHIPPING PRODUCTIVITY. The patented Smart-Feed 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 (121-kw) PSI 5.7 L gas engine, powerful enough to tackle jobsite challenges when chipping large diameter wood.



TAKE CONTROL. With the optional Tree Commander™ remote control, jobsite productivity can be improved by allowing the operator to control 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 of a Vermeer compact utility loader.



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-ft (91.4 m) winch line has 2,000 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.

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GENERAL DIMENSIONS AND WEIGHTS

Length – feed table up, tongue in: 14.8 ft (45 m)

Length – table down, tongue extended: 19.3 ft (58.8 m)

Width: 78.5 in (199.4 cm)

Height: 110 in (279.4 cm)

Weight (without winch and hydraulic jack): 8,800 lb (3,991.6 kg)

Weight (with winch, hydraulic jack and hydraulic chute): 9,300 lb (4,345.5 kg)

Tongue weight: 840 lb (589.7 kg)

Length with winch: 18.5 ft (56.3 m)

ENGINE

Make/model: PSI 5.7 L gasoline

Gross horsepower: 165 hp (121 kW)

Torque: 300 ft-lb (406.7 Nm) at 1,600 rpm

Fuel type: Gas

Number of cylinders: 8

Cooling medium: Liquid

Fuel tank capacity: 50 gal (189.3 L)

FEED SYSTEM

Chipping capacity: 19 in (48.3 cm)

Infeed opening height: 24 in (61 cm)

Infeed opening width: 20 in (50.8 cm)

Feed roller orientation: Vertical

Feed table height: 34 in (86.4 cm)

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

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

DRUM/DISK CUTTING SYSTEM

Disc/drum speed: 1,115 rpm

Drum diameter: 36 in (91.4 cm)

Drum thickness: .5 in (13 mm)

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

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

Clutch: 13 in (33 cm) spring loaded clutch

DISCHARGE SYSTEM

Discharge height: 110 in (279.4 cm)

Degree of rotation: 270°

HYDRAULIC SYSTEM

Hydraulic tank: 12 gal (45.4 L)

CHASSIS/BRAKES

Frame: 2.13 in x 7 in (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 service coverage: Optional

Preventative maintenance: Optional

Adjustable height discharge chute: Optional

NOTES:

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