

BC230XL BRUSH CHIPPER



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A powerful performance in a small package.

The BC230xL combines a 66 hp (49,2 kW) Stage IIIB Kubota diesel engine with a 23 cm x 35,5 cm (9" x 14") infeed opening to provide superior feeding performance for dealing with heavily branched material. The twin horizontal feed rollers with offset 40 cm (15.7") diameter upper roller allows large short lengths to be fed without kickup that reduces the workload and effort for the operator. Dual springs create 420 kg (925.9 lb) crushing force between horizontal feed rollers. The SmartFeed system, in combination with twin hydraulic motors, pulls in and processes difficult material reducing preparation time. Ideal for safe working along roadsides, the 180-degree rotating upper structure allows the operator to place the infeed where the material is. Operational costs are low due to the high fuel efficiency of the Kubota engine combined with the ease of access to all the relevant service points.

Service requirements are kept to a minimum with the BC230xL; all routine engine service points can be found in one location, quickly accessible through a lockable door. The EC-compliant Knott single axle undercarriage provides highway stability when towing along with provides excellent ground clearance when required for off-road use. State-of-the-art LED trailer lights provide reliable visibility on the road without the concern of blown bulbs. Tough, simple and reliable controls, coupled with a solid and powerful machine, ensure that the BC230xL will meet the demanding requirements of operators wherever the chipper is put to work.



1: A 66 HP (49,2 kW) Stage IIIB Kubota engine. Not only meets sound and emission requirements but also has enough power to meet jobsite needs.

2: A 23 cm x 35,5 cm infeed opening. Allows difficult material with side branches to be pulled in with ease

3: Twin horizontal feed rollers. The lower feed roller is offset from the upper feed roller to ensure that material at maximum capacity is easily fed to the chipper





4: The SmartFeed system. Increases operator productivity and reduces strain on vital engine parts. A patented feed-sensing control system monitors engine rpm and automatically pauses the rollers when feeding larger material. Additionally, it senses feed-roller jams and responds by automatically reversing infeed and reintroducing the material; this reduces the need for manually manipulating the control bar or the material.

5: High ground clearance. 36 cm (14.2") under the chassis and 26 cm (10.2") under the axle allows the chipper to be used off-road without risk of ground debris becoming caught and causing damage or problems with towing.

6: 84 cm (33") diameter cutter disc. Complete with two double-edged knives mounted at 2-degrees for friction reduction, the large disc is heavy enough to provide high cutting forces but light enough for rapid acceleration and high production rates.

7: Optional 180-degree slew ring. Allows the chipper infeed to be rotated to face where the material is located for ease of feeding and greatly increases safety when working along the roadside by keeping the operator away from road traffic.

8: Compact size. When equipped with all machine options and a full fuel tank, the BC230XL still weighs less than 2000 kg (4409.3 lb). The relatively low weight reduces load on towing vehicle and the 1.9 m (6.2') wide trailer frame provides stable towing performance and good visibility when reversing.

9: Chip deflector. Deflector is easily adjustable from ground level to direct chips to desired location. Keeps operator away from high speed chips.

BC230XL SPECIFICATIONS

GENERAL

Weight: 1980 kg (4365.1 lb)
Tongue weight: 91 (200.6 lb)
Operational length (tongue extended): 4,1 m (13.5')
Width: 1,9 m (6.2')
Height: 2,4 m (7.9')
Sound Power: 120 dB

ENGINE

Make and model: Kubota V2607T
Horsepower: 66 hp (49,2 kW)
Fuel type: Ultra-low sulfur diesel
Number of cylinders: 4
Cooling medium: 50/50 water/antifreeze

ELECTRICAL

System voltage: 12 V DC

CAPACITIES

Fuel tank: 55 L (14.5 gal)
Hydraulic tank: 22,7 L (6 gal)

CHASSIS

Frame: Welded ladder frame
Tires: 215R14C
Axle/Suspension: Knott 2500 kg (5511.6 lb) rubber torsion axle
Hitch: 50 mm metric ball

CUTTING SYSTEM

Cutter system: Dual spherical roller flanged bearings
Cutter speed: Approx. 1350 rpm
Knives: 2 knives, double-edged

FEED / DISCHARGE SYSTEM

Chipping capacity: 23 cm (9")
Infeed opening: 23 cm x 35,5 cm (9" x 14")
Feed table height: 75 cm (29.5")
Feed table length: 63,3 cm (24.9")
Feed table width: 122 cm (48")
Max feed speed: 24,6 m/min (80.7 fpm)
Number of feed rollers: 2 horizontal
Discharge height: 82 cm (32.3")
Discharge chute rotation: 270°

OPTIONS

Special paint
Extended warranty
Spare tire and mount
Turntable
Caster jockey wheel jack
Biodegradable hydraulic oil
Left side controls

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Vermeer Asia Pacific

Singapore 608586
Phone: +65 6516 9560
Fax: +65 6515 9218

Vermeer Corporation

Pella, Iowa 50219 U.S.A.
Phone: (641) 628-3141
International fax: +1 (641) 621-7730

Vermeer Latin America

Valinhos, SP - Brazil
Phone: +55 19 3881-3848
Fax: +55 19 3881-3848, ext. 108

Vermeer EMEA

(Europe, Middle East, Africa and CIS)
the Netherlands
Phone: +31 113 272700
Fax: +31 113 272727

Call toll-free 1-888-VERMEER

1-888-837-6337 (USA only)
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