

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.



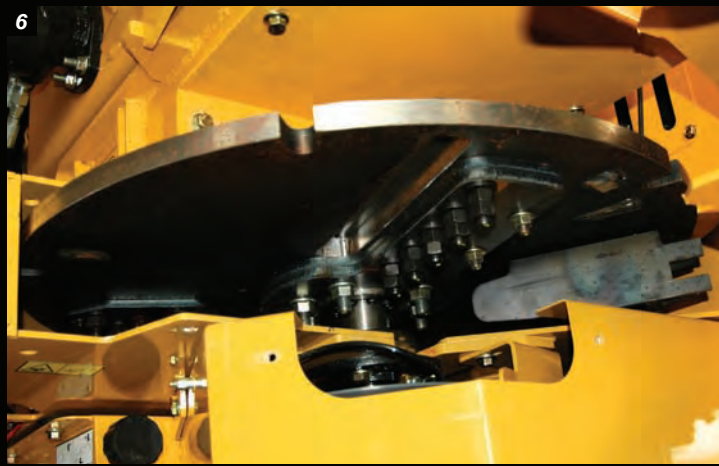
**1:** A 66 HP (49,2 kW) Stage IIIB Kubota engine. Not only meets sound and emission requirements but also has enough power to meet jobsite needs.

**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

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

## ENGINE

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

## ELECTRICAL

<b>System voltage:</b> 12 V DC
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## CAPACITIES

<b>Fuel tank:</b> 55 L (14.5 gal)
<b>Hydraulic tank:</b> 22,7 L (6 gal)

## CHASSIS

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

## CUTTING SYSTEM

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

## FEED / DISCHARGE SYSTEM

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

## OPTIONS

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

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