

# BC1000S BRUSH CHIPPER



## **BUILT WITH OPERATOR SAFETY IN MIND.**

Through the patented bottom-feed stop bar which is located along the bottom of the feed table. The system makes it possible for the operator to strike the bar and shut off the feed mechanism.



## **MULTIFUNCTIONAL DIGITAL INSTRUMENT.**

That allows you to set up the data according to your preferences. The breakdown alert and record functions also makes it convenient for the customer to check engine related information.



## **THE PATENTED SMARTFEED SYSTEM.**

Maximizes operator productivity while reducing strain on vital equipment components. The feed-sensing control system monitors motor current and automatically stops or reverses the feed when feeding larger, hardwood material.



## **A LARGE RECTANGULAR INFEEED OPENING.**

12 in x 17 in (30.5 cm x 43.2 cm) helps with productivity by reducing the need to trim material before feeding it into the chipper.



## **ECOIDLE ENGINE CONTROL SYSTEM.**

The Ecolidle engine control system can aid in reducing noise and fuel consumption, especially if there are frequent interruptions in the feeding process.



**CLUTCHLESS PTO.** The throttle integrated with the belt drive engagement process allows the PTO to only be engaged while the engine is at low/idle rpm.

# BC1000S BRUSH CHIPPER

## GENERAL

Length (operation table closed): 177.2 in (450 cm)

Width: 68.9 in (175 cm)

Height: 100.8 in (256 cm)

Weight: 6,063 lb (2,750 kg)

## ENGINE

Make and model: Dongfeng Cummins QSF2.8 Turbo

Number of cylinders: 4

Gross horsepower (max): 72 hp (53.7 kW)

Fuel tank capacity: 25 gal (94.6 L)

Fuel type: Diesel

Cooling system: Liquid

Torque (maximum): 250 Nm

## FEED SYSTEM

Feed roller orientation: Single horizontal

Feed roller dimension: 20.1 in (51 cm)

Feed speed: 105 ft/min (32 m/min)

Infeed table length: 32 in (81.3 cm)

Infeed throat capacity: 12 in x 17 in (30.5 cm x 43.2 cm)

Chipping capacity: 11.8 in (30 cm)

## SAFETY SYSTEM

Bottom-feed stop bar: Standard

Reset method: Dual green hold-to-run buttons

Positions: Four positions – E-stop, forward, stop, reverse

## CUTTING SYSTEM

Speed: 2,264 rpm

Dimensions: 20.9 in x 20.1 in (53 cm x 51 cm)

Number of knives: 2

Usable edges: 4, 43.8\*8.9\*2.5

Engagement system: Clutchless belt drive PTO

## DISCHARGE SYSTEM

Chute height: 96.9 in (246 cm)

Chute rotation angle: 270°

## CAPACITY AND ELECTRICAL SYSTEM

System voltage: 12

Light: LED stop, turn, tail, license

Hydraulic oil tank: 7 gal (26.5 L)

## CHASSIS

Hitch type: 0

Fender description: Steel bolt-on

Axle/suspension: Torsion axle

Capacity: 7,716.2 lb (3,500 kg)

Tires: 215/75R16C

Wheels: RIM 6Jx16

Brake type: Parking brake

Trailer light type: LED