

BC1000E

BRUSH CHIPPER



ELECTRIC POWERED. Brush chipper created for stationary applications and for users who demand an organic waste reduction option that helps reduce fuel emission issues.



THE CONTROL PANEL. Weatherproof and contains a Siemens soft starter which helps protect the drum motor from overloading and voltage dips from the power grid.



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 large, hardwood material.



BUILT WITH OPERATOR SAFETY IN MIND. Through the patented bottom feed stop bar which is located along the bottom of the feed table. This system makes it possible for an operator to strike the bar and shut off the feed mechanism. Dual reset/hold-to-run buttons allow the operator readily reset the bottom feed stop bar.



DANFOSS ELECTRIC MOTORS. The BC1000E features two Danfoss induction electric motors. A 55 kW (73.8 hp) motor powers the drum while the 3 kW (4 hp) motor runs the infeed roller via hydraulic circuit. Both the drum and rollers are IP55-certified and enclosed by an all-steel hood, helping protect them from weather and worksite



A LARGE RECTANGULAR 12 IN X 17 IN (30.5 CM X 43.2 CM) FEED OPENING. Helps with productivity by reducing the need to trim material before feeding it into the chipper.

BC1000E BRUSH CHIPPER

GENERAL

Length (feed table down, tongue extended): 140 in (355.6 cm)

Width: 67 in (170.2 cm)

Height: 98 in (250 cm)

Weight: 4,409 lb (2,000 kg)

ELECTRIC DRUM MOTOR

Power: 73.8 hp (55 kW)

Voltage: 380 V

Phase: 3

Enclosure: IP55

Full load amps: 103

Full load rpm: 1,480 rpm

ELECTRIC INFEED ROLLER MOTOR

Power: 4 hp (3 kW)

Voltage: 380 V

Phase: 3

Enclosure: IP55

Full load amps: 6

Full load rpm: 3,460 rpm

FEED SYSTEM

Feed roller dimensions: 20 in x 17 in (50.8 cm x 43.2 cm)

Feed roller orientation: Single horizontal

Feed speed: 105 fpm (32 m/min)

Infeed table width: 56 in (143 cm)

Infeed table length: 31 in (80 cm)

Infeed opening width: 12 in x 17 in (30.5 cm x 43.2 cm)

Bottom-feed stop bar: Standard

Upper feed control bar: Standard

Hold-to-run buttons: Standard

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

CUTTING SYSTEM

Material capacity: 12 in (30.5 cm)

Width: 20 in (50.8 cm)

Diameter: 22 in (56 cm)

Drum speed: 1,997 rpm

Number of knives option I: 2

Number of knives option II: 4

Usable edges: 2 reversible

DISCHARGE SYSTEM

Chute height: 94 in (238 cm)

Chute rotation angle: 270°

Rotation type: Manual

ELECTRICAL SYSTEM

System voltage: 12

Hz option 1: 380 V - 415 V 50 Hz with VFD control option

Hz option 2: 440 V - 460 V 60Hz with VFC control option

Switches: Hold-to-run, sensitivity selector

