

# BC700S BRUSH CHIPPER



**THE CENTRIFUGAL CLUTCH.** Helps prevent belt-slip when engaging the clutch to minimize maintenance.



**25 HP (18.4 KW) EFI ENGINE.** Performs well during cold-weather starts, minimizes occurrence of engine flooding and provides improved fuel economy over comparable carbureted diesel engines. Gas engine option also available.



**THE LARGE INFEED OPENING.** 6 in x 8 in (15.2 cm x 20.3 cm) makes feeding irregular material efficient and minimizes the amount of saw cuts needed prior to feeding the chipper.



**THE EXCLUSIVE SMARTFEED CONTROL SYSTEM.** Helps maximize operator productivity and reduces strain on vital engine parts, as engine rpm is monitored and feed rollers are controlled.



**BOTTOM-FEED STOP BAR.** Is strategically located to make it possible for an operator to strike the bar and shut off the feed mechanism.



**THE WIDE AXLE.** Offers an ample footprint at the axle for side-to-side stability and optimizes transportability.

# BC700S BRUSH CHIPPER

## GENERAL

Length (feed table up, tongue in): 113 in (287 cm)

Length (feed table down, tongue extended): 133 in (338 cm)

Width: 71 in (180.3 cm)

Height: 102 in (259.1 cm)

Weight: 1,800 lb (816.5 kg)

## ENGINE OPTION 1

Make and model: Perkins 403D-11

Number of cylinders: 3

Gross horsepower (maximum): 25 hp (18.4 kW)

Torque (maximum): 49.3 ft-lb (66.9 Nm)

Fuel tank capacity: 6 gal (22.7 L)

Fuel type: Diesel

Recommended oil: API CH4/SJ / ACEA E5

## ENGINE OPTION 2

Make and model: Kohler ECH740

Number of cylinders: 2

Gross horsepower (maximum): 25 hp (18.6 kW)

Torque (maximum): 41.7 ft-lb (56.5 Nm)

Fuel tank capacity: 6 gal (22.7 L)

Fuel type: Gasoline

Recommended oil: Kohler oil or API CH4/SJ

## FEED SYSTEM

Feed roller dimension: 10 in (25.4 cm)

Feed speed: 49.4 ft/min (15 m/min)

Infeed table width: 41.2 in (104.6 cm)

Infeed table length: 30.2 in (76.7 cm)

Infeed throat capacity: 6 in x 8 in (15.2 cm x 20.3 cm)

## SAFETY SYSTEM

Bottom-feed stop bar: Standard

Reset method: Dual green hold-to-run buttons

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

## CUTTING SYSTEM

Material capacity: 6 in (15.2 cm)

Width: 8 in (20.3 cm)

Thickness: 1.25 in (3.2 cm)

Diameter: 23.9 in (60.7 cm)

Speed: 1,748 rpm

Number of knives: 2

Usable edges: 2

## DISCHARGE SYSTEM

Chute height: 97.2 in (246.8 cm)

Chute rotation angle: 270°

Rotation type: Manual

## ELECTRICAL SYSTEM

System voltage: 12

Battery: Group 26, 400 CCA

Switches: Hold-to-run, sensitivity selector

## CHASSIS

Hitch type: Pintle (o-coupler)

Fender description: Steel bolt-on

Axle/suspension: Torsion axle

Capacity: 3,307 lb (1,500 kg)

Tires: 185/70R13

Wheels: 4.5J x 13, ET = 25

Brake type: Parking brake only

Trailer light type: LED