

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

