

BC700SV BRUSH CHIPPER



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



25 HP (18.4 KW) EFI ENGINE. The static version of the BC700SV is mounted on a carrying tray with 4-side access for pallet forks to lift, load and off-load the machine at the jobsite.



LARGE FEED 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.



EXCLUSIVE SMARTFEED CONTROL SYSTEM. Helps 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.



CONVENIENT TRANSPORTATION. Skid-mounted chassis which can be mounted on a vehicle to facilitate the transportation of equipment, thus overcoming certain local road regulation restrictions.

BC700SV BRUSH CHIPPER

GENERAL

Length (feed table up, tongue in): 66.9 in (170 cm)

Length (feed table down, tongue extended): 89 in (226.1 cm)

Width: 57 in (145 cm)

Height: 74.8 in (190 cm)

Weight: 2,015 lb (914 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 orientation: Single horizontal

Feed roller dimension: 10 in (25.4 cm)

Feed speed: 49.4 fpm (15 m/min)

Infeed table width: 41.2 in (104.6 cm)

Infeed table length: 30.2 in (76.7 cm)

Infeed opening width: 6 in x 8 in (15.2 cm x 20.3 cm)

SAFETY SYSTEM

Bottom feed stop bar: Standard

Upper feed control bar: Standard

Lower feed stop bar: Standard

Hold-to-run buttons: Standard

Positions: Four positions - 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: 97.6 in (248 cm)

Chute rotation angle: 270°

Rotation type: Manual

ELECTRICAL SYSTEM

System voltage: 12

Battery: Group 26, 400 CCA

Switches: Hold-to-run, sensitivity selector

HYDRAULIC SYSTEM

Tank capacity: 6.8 gal (25.7 L)

System type: Return-flow filtration

Pump flow at maximum rpm: 3.7 gpm (14.4 L/min)

System relief pressure: 2,500 psi (17 MPa)

SKID

Length: 59.1 in (150 cm)

Width: 50.8 in (129 cm)

Mounting style: Bolted on (4*M16)

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