

THE BC1800XL BRUSH CHIPPER



BC1800XL SPECIFICATIONS

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General Dimensions and Weights

Length: 177" (450 cm)
Height: 110" (279 cm)
Width: 80" (203 cm)
Weight (w/o winch and hydraulic jack): 8740 lb (3964 kg)
Weight (w/ winch and hydraulic jack): 9270 lb (4205 kg)

Engine Options

Make and model: Cummins QSB4.5 Tier 3
Horsepower: 110 hp (82 kW) @ 2500 rpm
Max torque: 360 ft-lb (488 Nm) @ 1500 rpm
Fuel type: Diesel
Number of cylinders: 4
Cooling medium: Liquid
Make and model: Cummins QSB4.5 Tier 3
Horsepower: 130 hp (97 kW) @ 2500 rpm
Max torque: 459 ft-lb (622 Nm) @ 1500 rpm
Fuel type: Diesel
Number of cylinders: 4
Cooling medium: Liquid
Make and model: Cummins QSB4.5 Tier 3
Horsepower: 170 hp (127 kW) @ 2500 rpm
Max torque: 460 ft-lb (623 Nm) @ 1500 rpm
Fuel type: Diesel
Number of cylinders: 4
Cooling medium: Liquid

Electrical

System voltage: 12 DC, 65 amp alternator
Trailer lights: Incandescent

Capacities

Fuel tank: 35 gal (132.5 L)
Hydraulic tank: 12 gal (45.4 L)

Chassis

Frame: C channel, C6" x 8.2 lb (3.7 kg)
Tires: 235/75R17.5 Load Range J
Axle/Suspension: 10,000 lb (4535 kg) Dexter rubber torsion with electrical brakes
Hitch: Pintle 2.375" (6 cm) diameter

Cutting System

Disc/drum speed: 1100 rpm
Drum size: 36" (91 cm) diameter
Drum thickness: .375" (1 cm)
Knives: 4 knives - 5.5" x 10" x .625" (14 x 25 x 1.6 cm)
Bedknife: 4 sided - 3" x 20.25" x 1.25" (7 x 51 x 3.2 cm)
Clutch: 13" (33 cm) spring loaded auto clutch

Feed System

Chipping capacity: 19" (48 cm)
Infeed opening height: 24" (61 cm)
Infeed opening width: 20" (51 cm)
Feed table length: 62.5" (159 cm)
Feed table height: 30.5" (78 cm)
Feed roller style: Twin vertical, helical knives
Feed speed: 118 fpm (36 m/min)

Discharge System

Discharge height: 110" (279.4 cm)
Degree of rotation: 270 degrees



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