



SERIES SPECIFICATIONS

BIG DOG
MOWERS

C142

C146

C154



UNLEASHED

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BigDog Mowers™ (Series C) Specifications

Engine Specs	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton
Horsepower	17.5	21	26
No. of Cylinders	1	1	2
Displacement	30.5 cu in (500 cc)	33 cu in (541 cc)	44 cu in (724 cc)
Max. Torque	25.9 ft lbs @ 2500 rpm	28.1 ft lbs @ 2400 rpm	36.7 ft lbs @ 2800 rpm

Starter 12-volt

Ignition Electronic

Charging System 12-volt, 9-amp

Fuel Unleaded gasoline with 87 or higher octane

Fuel Filter Replaceable, automotive-type

Air Filter Dual-element air cleaner for excessive, dirty applications and improved performance

Cooling Air cooled. Fly-wheel fan

Governor Mechanical

FEATURES & BENEFITS

- 17.5/42, 21/46, or 26/54 Briggs & Stratton models
- High blade-tip speed for awesome quality of cut!
- Welded steel deck and tubular frame.
- 18" drive tires, 11" caster tires
- Hydrostatic transmissions for true zero-radius turning maneuverability
- Commercial duty, serviceable deck spindles
- Toughest frame, front forks, and deck in the industry
- Two-year, limited bumper-to-bumper warranty – parts and labor!
- Simplest maintenance in the industry
- 3 gallon fuel capacity
- SmoothTrak™ steering with patented automatic park brake system
- 42" 46" or 54" side-discharge/mulching decks

Traction Drive System

Type Dual hydrostatic. Hydro-Gear EZT integrated hydro-static zero turn transaxles. Hydrostatic system operates on 20W50 motor oil

Transmission Drive V-belt drive from engine crankshaft

Ground Speed Infinitely variable 0-6 mph (0-11.3 kph) forward 0-4 mph (0-6.4 kph) reverse

Steering Twin-lever SmoothTrak™ steering provides independent control of each drive wheel. Speed, forward, reverse, brake, and turns are all controlled with hand-operated controls

Turning Radius True zero radius. Turns within its own length. Counter-rotating, independent drive wheels

Brakes Service: Hydrostatic dynamic braking

Parking: Sprocket and cog. When steering levers are placed in neutral position, integral park brakes are automatically engaged

Mower Drive Single V-belt drive from engine with electric clutch. Spring tension idler for extended belt life.

Tires Front: 11 x 4.0 – 5, rib tread

Drive: 18 x 8.50 – 8, turf tread

Capacities Fuel System: 3 US gal (11.3 l)

Dimensions Height: 39 in (99 cm)

W/42 in Deck Length: 73.5 in (187 cm)

Overall width: 45 in (124.5 cm) w/discharge chute up

Tire-to-tire width: 41 in (104 cm)

Weight: 537 lbs (244 kg)

W/46 in Deck Length: 73.5 in (187 cm)

Overall width: 49.6 in (126 cm) w/discharge chute up

Tire-to-tire width: 41 in (104 cm)

Weight: 550 lbs (250 kg)

W/54 in Deck Length: 69 in (175 cm)

Overall width: 59.5 in (151 cm) w/discharge chute up

Tire-to-tire width: 41 (104 cm)

Weight: 640 lbs (290 kg)

Seat Standard: Molded-vinyl seat. Fore and aft adjustment. seat suspension springs are standard.

Safety Features Operator presence system connected to clutch, seat, and park brakes.

Construction Mainframe

is 1.5 in x 1.5 in x .120 in (3.8 cm x 3.8 cm x .34 cm) square steel tubing. Drive motors mounted to .120 in (.45 cm) welded steel. Front caster wheels mounted with roller bearings on each wheel. Front caster forks are .25 in (.64 cm) steel

Controls Hand-operated choke/throttle, ignition switch, electric mower clutch. Integrated parking brakes

Cup Holder Cup holder molded into the left side fuel tank. Accommodates nearly any cup size.

Mowing Decks

42" 46" and 54" side-discharge decks

42" and 46" decks have two blades. 54" deck has 3 blades. Mower is suspended at the corners. Includes deck-mounted anti-scalp wheel

to improve flotation in rolling and uneven terrain.

Construction 11 ga., .120 in (.30 cm) welded steel with 11 ga., .120 in (.2667 cm) doubler welded onto spindle mount areas. Solid 1.0 in x .25 in (2.54 cm x .64 cm) steel bars reinforce impact areas on trim edges. Steel deck housing is 4 in (10.16 cm) deep to provide room for high-capacity mowing

Cutting Heights Foot-operated deck height adjustment. Pin for setting height, detent for transport position. Height adjustment in .25 in increments from 1.0 in to 4.5 in (3.81 cm to 11.4 cm).

Deck Lift Raise and lower deck from driver's seat with simple foot-operated deck height adjustment. Pin for

setting height, transport position. Change cutting heights, hop curbs and trailer more easily

Mowing Blades

Heavy-duty, heat-treated, high-lift steel blades.

42 in: 2 - 20.50 in x 2.50 in x .20 in low sail blade

46 in: 2 - 22.50 in x 2.50 in x .20 in low sail blade

54 in: 3 - 18.50 in x 2.50 in x .20 in low sail blade

Blade Tip Speed

42 in: 17,300 fpm

46 in: 17,800 fpm

54 in: 18,400 fpm

Blade Drive V-belt drive to spindles. Spring tension idler pulleys

Spindles Die cast aluminum housing, 1 in (2.5 cm) diameter high carbon steel shafts and sealed ball bearings

Flotation One anti-scalp wheel standard.

Discharge Chute Molded plastic.

Width of Cut **42 in:** 40.4 in (103 cm)

46 in: 44.4 in (113 cm)

54 in: 52.4 in (133 cm)

Trim Capacity (left side) **42 in:** .5 in (1.25 cm)

46 in: 2.5 in (6.35 cm)

54 in: 6.0 in (15.24 cm)

Accessories

Mulch Kit Recycles clippings under deck allowing clippings to be cut and recut, then discharged down into the grass. Reduces handling of clippings, improves appearance, and recycles nutrients back to the soil

Light Kit Work all night if you want

Hour Meter Monitor maintenance intervals

2-Bag Catcher 5 bushel capacity

Steering Extension Kit

Specifications subject to change without notice.