



# SERIES SPECIFICATIONS

**BIGDOG**  
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

## Traction Drive System

**Type** Dual hydrostatic. Hydro-Gear EZT integrated hydrostatic 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

## 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

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.*