

100 Series Specifications

Upgrades are noted in green.



JOHN DEERE

* Engine horsepower is provided by the engine manufacturer for comparison purposes. Actual operating horsepower will be less.

** Hour and/or usage limitations apply and vary by model. See the LIMITED WARRANTY FOR NEW JOHN DEERE COMMERCIAL AND CONSUMER EQUIPMENT at dealer for details.



This literature has been compiled for worldwide circulation. While general information, pictures and descriptions are provided, some illustrations and text may include finance, credit, insurance, product options and accessories NOT AVAILABLE in all regions. PLEASE CONTACT YOUR LOCAL DEALER FOR DETAILS. John Deere reserves the right to change specification, design and price of the products described in this literature without notice. John Deere's green and yellow color scheme, the leaping deer symbol, and JOHN DEERE are trademarks of Deere & Company.

	D100	D110	D120	D130	D140	D150	D160	D170
Engine								
Manufacturer	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton
Horsepower*	17.5 hp (13.05 kW)	19.5 hp (14.5 kW)	21 hp (15.7 kW)	22 hp (16.4 kW)	22 hp (16.4 kW)	22 hp (16.4 kW)	24 hp (17.9 kW)	26 hp (19.4 kW)
Cylinders	One	One	One	V-twin	V-twin	V-twin ELS	V-twin ELS	V-twin ELS
Displacement	30.6 cu. in. (502 cc)	30.6 cu. in. (502 cc)	33 cu. in. (540 cc)	40 cu. in. (656 cc)	40 cu. in. (656 cc)	40 cu. in. (656 cc)	44.2 cu. in. (725 cc)	44.2 cu. in. (725 cc)
Oil Filter	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Air Filter	Cartridge	Cartridge	Cartridge	Flat panel w/foam	Flat panel w/foam	Cartridge w/foam	Cartridge w/foam	Cartridge w/foam
Mower Deck								
Cut Width	42-in. (107 cm)	42-in. (107 cm)	42-in. (107 cm)	42-in. (107 cm)	48-in. (122 cm)	48-in. (122 cm)	48-in. (122 cm)	54-in. (137 cm)
Cutting Blades	Two	Two	Two	Two	Three	Three	Three	Three
Cut Height	1 to 4-in. (25.4 to 102 mm)	1 to 4-in. (25.4 to 102 mm)	1 to 4-in. (25.4 to 102 mm)	1 to 4-in. (25.4 to 102 mm)	1 to 4-in. (25.4 to 102 mm)	1 to 4-in. (25.4 to 102 mm)	1 to 4-in. (25.4 to 102 mm)	1 to 4-in. (25.4 to 102 mm)
Mower Deck Material	0.105 in. (2.7 mm) 12 gauge steel	0.105 in. (2.7 mm) 12 gauge steel	0.105 in. (2.7 mm) 12 gauge steel	0.105 in. (2.7 mm) 12 gauge steel	0.105 in. (2.7 mm) 12 gauge steel	0.105 in. (2.7 mm) 12 gauge steel	0.105 in. (2.7 mm) 12 gauge steel	0.120 in. (3 mm) 11 gauge steel
Blade Engagement/PTO	Manual	Manual	Manual	Manual	Electric	Electric	Electric	Electric
Transmission								
Type	Gear transaxle	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Turning Radius	18-in. (45 cm)	18-in. (45 cm)	18-in. (45 cm)	18-in. (45 cm)	18-in. (45 cm)	18-in. (45 cm)	18-in. (45 cm)	18-in. (45 cm)
Electrical System								
Capacity	9 amp	9 amp	9 amp	9 amp	9 amp	16 amp	16 amp	16 amp
12-Volt power Outlet	Not available	Not available	Not available	Not available	Not available	Optional accessory	Optional accessory	Optional accessory
Fuel System								
Fuel Tank Capacity, US/Cal	2.4 gal. (9.08 L)	2.4 gal. (9.08 L)	2.4 gal. (9.08 L)	2.4 gal. (9.08 L)	2.4 gal. (9.08 L)	2.4 gal. (9.08 L)	2.4 gal. (9.08 L)	2.4 gal. (9.08 L)
Fuel Tank Capacity, Canada/Mexico	2.1 gal. (7.9 L)	2.1 gal. (7.9 L)	4 gal. (15.1 L)	4 gal. (15.1 L)	4 gal. (15.1 L)	4 gal. (15.1 L)	4 gal. (15.1 L)	4 gal. (15.1 L)
Type of Fuel	Unleaded (87 octane min.)	Unleaded (87 octane min.)	Unleaded (87 octane min.)	Unleaded (87 octane min.)	Unleaded (87 octane min.)	Unleaded (87 octane min.)	Unleaded (87 octane min.)	Unleaded (87 octane min.)
Fuel Filter	Replaceable, in fuel line	Replaceable, in fuel line	Replaceable, in fuel line	Replaceable, in fuel line	Replaceable, in fuel line	Replaceable, in fuel line	Replaceable, in fuel line	Replaceable, in fuel line
Travel Speed								
Forward	1.5-5.0 mph (8.0 km/h)	0-5.5 mph (8.9 km/h)	0-5.5 mph (8.9 km/h)	0-5.5 mph (8.9 km/h)	0-5.5 mph (8.9 km/h)	0-5.5 mph (8.9 km/h)	0-5.5 mph (8.9 km/h)	0-5.5 mph (8.9 km/h)
Reverse	2.3 mph (3.7 km/h)	0-3.2 mph (5.1 km/h)	0-3.2 mph (5.1 km/h)	0-3.2 mph (5.1 km/h)	0-3.2 mph (5.1 km/h)	0-3.2 mph (5.1 km/h)	0-3.2 mph (5.1 km/h)	0-3.2 mph (5.1 km/h)
Seat								
Height	11-in. (27.9 cm)	11-in. (27.9 cm)	15-in. (38.1 cm)	15-in. (38.1 cm)	15-in. (38.1 cm)	15-in. (38.1 cm)	15-in. (38.1 cm) w/lumbar adjustment	15-in. (38.1 cm) w/lumbar adjustment
Tires								
Front	15x6-6	15x6-6	15x6-6	15x6-6	15x6-6	15x6-6	16.6x6.5-8	16.6x6.5-8
Front psi	14 psi (97 kPa)	14 psi (97 kPa)	14 psi (97 kPa)	14 psi (97 kPa)	14 psi (97 kPa)	14 psi (97 kPa)	12 psi (83 kPa)	12 psi (83 kPa)
Rear	20x8.0-8	20x8.0-8	20x8.0-8	20x10-8	20x10-8	20x10-8	22x9.5-12	22x9.5-12
Rear psi	10 psi (69 kPa)	10 psi (69 kPa)	10 psi (69 kPa)	10 psi (69 kPa)	10 psi (69 kPa)	10 psi (69 kPa)	12 psi (83 kPa)	12 psi (83 kPa)
Dimensions								
Overall Length	69.9-in. (177.5 cm)	69.9-in. (177.5 cm)	69.9-in. (177.5 cm)	74.1-in. (188.2 cm)	70-in. (177.8 cm)	74.1-in. (188.2 cm)	75.3-in. (191.2 cm)	75.3-in. (191.2 cm)
Overall Width (deflector down)	52-in. (132 cm)	52-in. (132 cm)	52-in. (132 cm)	52-in. (132 cm)	60.3-in. (153 cm)	60.3-in. (153 cm)	60.3-in. (153 cm)	67-in. (170 cm)
Height	42.5-in. (108 cm)	42.5-in. (108 cm)	46-in. (117 cm)	46-in. (117 cm)	46-in. (117 cm)	46-in. (117 cm)	46.5-in. (118 cm)	46.5-in. (118 cm)
Net Weight	442 lb. (201 kg)	450 lb. (205 kg)	452 lb. (205 kg)	478 lb. (217 kg)	491 lb. (223 kg)	520 lb. (236 kg)	528 lb. (240 kg)	552 lb. (251 kg)
Miscellaneous								
Cruise Control	Not applicable	No	Yes	Yes	Yes	Yes	Yes	Yes
Front Bumper	Optional	Optional	Optional	Standard	Optional	Standard	Standard	Standard
Steering Wheel	Standard design	Standard design	Standard design	Standard design	Standard design	Deluxe, 14 in.	Deluxe, 14 in.	Deluxe, 14 in.
Storage Compartment	No	Storage, no cover	Storage w/cover	Storage w/cover	Storage w/cover	Storage w/cover	Storage w/cover	Storage w/cover
Warranty**	2 years or 120 hour limited warranty							