



S100

Key Specs

Engine Power - 17.5 hp

Engine Manufacturer/Model - 31R977 (M31)

Transaxle Type - Hydrostatic, 2-wheel drive

Transaxle Control - Side-by-side pedals

Rear Tires - 20x8-8

Lift System Type - Spring-assisted hand-grip lever

Cutting Width - 42 in.

Warranty - 2 year/120 hour bumper-to-bumper* (*Term limited to years or hours used, whichever comes first, and varies by model. See the LIMITED WARRANTY FOR NEW JOHN DEERE TURF AND UTILITY EQUIPMENT at JohnDeere.com or JohnDeere.ca/TUWarranty for details.)

Engine

Engine Power - 17.5 hp

Displacement - 30.5 cu in.

Engine Manufacturer/Model - 31R977 (M31)

Engine Type - Overhead valve, full-pressure lube, oil filter

Cylinders - One

Governor - Mechanical

Choke/Speed Control - Single lever with spring-return on choke

Cooling Method - Air

Air Cleaner - Cartridge

Oil Change - No-tools oil drain with replaceable filter

Fuel System

Type - Gasoline

Fuel Delivery - Pulse pump and carburetor

Fuel Gauge - Mechanical, viewable from seat

Fuel Tank Location - Rear

Fuel Fill Opening - Center

Fuel Fill Opening - 1.75 in.

Fuel Tank Capacity - 2.4 U.S. gal.

Electrical System

Battery Cold Crank Amps - 300.0 CCA

Charging System - Regulated

Charging System - 8.0 amp

Engine Starter - Bendix type

Hour Meter - Yes

Headlights - Two standard, LED

Taillights Or Reflector - No

Backup Lights - No

Rear Work Lights - No

12-V Outlet - No

Transaxle

Transaxle Type - Hydrostatic, 2-wheel drive

Transaxle Control - Side-by-side pedals

Cruise Control - No

Oil Cooler - Fins and fan on transaxle

Oil Filter - Yes, not serviceable

Differential Lock - No

Forward Speed - 5.5 mph

Reverse Speed - 3.2 mph

Brakes - Internal wet disk

Chassis

Frame - Full-length welded steel

Primer/Paint - E-coat/powder

Chassis

Weight Bracket - Optional rear

Receiver Hitch - No

Front Axle - Cast-iron front axle, front wheel sealed ball bearings

Spindle Bushings - No

Front Tires - 15x6-6

Rear Tires - 20x8-8

Hood Material - Molded-in color material reduces sound, will not rust or dent

Fender Deck Material - Stamped steel

Floor Mats - Yes, with debris removing channels

Storage - Storage tray with optional cover

Service Interval Decal - Yes

Fender Handles/Grips - No

Cup Holder - Yes

Equipment Mounting - CargO Mount™ system

Maximum Towing Capacity - 500.0 lb.

Steering

Type - Sector and pinion with single drag link and tie rod

Four-Wheel Steer - Not available on this model

Steering Wheel - 12.0 in.

Tilt Steering Wheel - No

Turning Radius - 18.0 in.

Uncut Circle Radius - 25.0 in.

Seat

Type - One piece

Seat Back Height - 11.0 in.

Armrests - No

Fore-Aft Adjustment - 5.5 in.

Seat Suspension - Tilt, two coil springs

Lift System

Lift System Type - Spring-assisted hand-grip lever

Hydraulic Outlets - No

Lift System

Mower Cut Height - Minimum - 1.0 in.

Mower Cut Height - Maximum - 4.0 in.

Cut Height Increments - 0.25 in.

Preset Cut Height - No

Mower Deck

Type - Side discharge

Cutting Width - 42 in.

Construction - Stamped steel deck shell

Mower Deck Material - 13.0 gauge

Mower Deck Material - 0.09 in.

Mower Wash Port - Yes

Mower Drive System - Manual power take-off (PTO)

Mower Wheels - Two

Mower Wheel Adjustment - One bolt

Mower Level Adjustment - Easy-level deck

Mower Attachability

Type - Slide under tractor

Front Draft Arms - One spring clip

Rear Draft Arms - Two spring clips

Mower Wheels Rotate - No

Drive System - Single belt

Safety

Meets ANSI Standard - Yes

Meets OPEI Standard - Yes

Backup Protection - Reverse Implement Option (RIO)

Safety Video - Yes

Buyer's Notes

Notes - Molded-in color material reduces sound, will not rust or dent
Durable primer and powder paint finish
Full-length welded steel frame
Bright LED headlights

Buyer's Notes

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Optional Equipment

Rear Bagger - 6.5 bu

Mulching System - Mulch cover or high-performance plug

Front Blade - 46.0 in.

Snow Blower - 44.0 in.

Sprayer - Tow-Behind - 25.0 U.S. gal.

Sprayer - Mounted - 15.0 U.S. gal.

Spreader - Tow-Behind - 175.0 lb.

Front Bumper - Styled front bumper

Weather Protection - Weather enclosure

Sun Canopy - Sun canopy

Bucket Holder - Yes, single bucket

Grass Striping - Lawn striping kit

Tow-Behind Tools - 16

Dimensions

Height - 40.0 in.

Overall Length - 69.7 in.

Wheelbase - 48.9 in.

Width With Mower - 55.2 in.

Width With Mower (Deflector Raised For Storage) - 46.5 in.

Width Without Mower - 39.2 in.

Weight - 414.0 lb.

Additional Information

Manufacturing Location - Greeneville, Tennessee, USA