

Model Year 2023: S120 Tractor

Specifications

S120 - 42 (Model year 2023)

KEY SPECS	
Engine power	22 hp 16.4 kW
Oil change	John Deere Easy Change™ 30-second oil change system
Engine manufacturer/model	44N677 (M44)
Transaxle type	TLT200 hydrostatic, two-wheel drive
Transaxle control	Side-by-side pedals
Rear tires	20x8-8
Lift system type	Spring-assisted hand-grip lever
Cutting width	Edge™ mower deck, 42 in. 107 cm
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	
Power	22 hp 16.4 kW
Displacement	44.2 cu in. 724 cm
Manufacturer/model	44N677 (M44)
Type	Overhead valve, full-pressure lube, oil filter
Cylinders	V-twin
Governor	Mechanical
Choke/speed control	Single lever with spring-return on choke
Cooling method	Air
Air cleaner	Cartridge
Oil change	John Deere Easy Change 30-second oil change system

FUEL SYSTEM	
Type	Gasoline
Fuel delivery	Pulse pump and carburetor
Fuel gauge	Easy-read on dash

FUEL SYSTEM	
Fuel tank location	Rear
Fuel fill opening	Center, 1.75 in. 4.45 cm
Fuel tank capacity	2.4 U.S. gal. 9.1 L

ELECTRICAL SYSTEM	
Battery	12 V 300 CCA
Charging system	Regulated, 8 amp
Engine starter	Bendix type
Hour meter	Yes
Headlights	Two standard, incandescent
Taillights or reflector	No
Backup lights	No
Rear work lights	No
12-V outlet	No

TRANSAXLE	
Type	Hydrostatic, 2-wheel drive
Control	Side-by-side pedals
Cruise control	Standard
Oil cooler	Fins and fan on transaxle
Oil filter	Yes, not serviceable
Differential lock	No
Forward speed	0-5.5 mph 0-8.9 km/h
Reverse speed	0-3.2 mph 0-5.2 km/h
Brakes	Internal wet disk

CHASSIS	
Frame	Full-length welded steel

The online sales manual should always be referenced and checked to ensure accurate information is being conveyed to the customer. Always download the most current information before visiting a customer and always use the online version if Internet access is available. This download is not intended for distribution. Product features are based on published information at the time of publication and are subject to change without notice. All trademarked terms, including John Deere, the leaping deer symbol and the colors green and yellow used herein are the property of Deere & Company, unless otherwise noted. Availability of products, product features, and other content on this site may vary by model and geographic region.

Engine horsepower and torque information are provided by the engine manufacturer to be used for comparison purposes only. Actual operating horsepower and torque will be less. Refer to the engine manufacturers Web site for additional information.

CHASSIS	
Primer/paint	E-coat/powder
Weight bracket	Optional rear
Receiver hitch	No
Front axle	Cast-iron front axle, powdered-metal front wheel bushings
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 cover
Service interval decal	Yes
Fender handles/grips	No
Cup holder	Yes
Equipment mounting	CargO Mount™ system
Maximum towing capacity	500 lb 227 kg

STEERING	
Type	Sector and pinion with single drag link and tie rod
Four-wheel steer	Not available on this model
Steering wheel	Standard, diameter - 12 in. 30.5 cm
Tilt steering wheel	No
Turning radius	18 in. 45.7 cm
Uncut circle radius	25 in. 63.5 cm

SEAT	
Type	Two piece with open-back
Seat back height	15 in. 38 cm
Armrests	No
Fore-aft adjustment	While seated, 5.5 in. 14 cm

SEAT	
Seat suspension	Tilt, two coil springs

LIFT SYSTEM	
Type	Spring-assisted hand-grip lever
Hydraulic outlets	No
Mower cut height	13 positions, 1-4 in. 2.5-10.2 cm
Cut height increments	0.25 in. 0.64 cm
Preset cut height	No

MOWER DECK	
Type	Side discharge
Cutting width	Edge™ mower deck, 42 in. 107 cm
Construction	Stamped steel deck shell
Mower deck material	Steel, 13 gauge 0.090 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)

The online sales manual should always be referenced and checked to ensure accurate information is being conveyed to the customer. Always download the most current information before visiting a customer and always use the online version if Internet access is available. This download is not intended for distribution. Product features are based on published information at the time of publication and are subject to change without notice. All trademarked terms, including John Deere, the leaping deer symbol and the colors green and yellow used herein are the property of Deere & Company, unless otherwise noted. Availability of products, product features, and other content on this site may vary by model and geographic region.

Engine horsepower and torque information are provided by the engine manufacturer to be used for comparison purposes only. Actual operating horsepower and torque will be less. Refer to the engine manufacturers Web site for additional information.

SAFETY	
Safety video	Yes

BUYER'S NOTES	
Notes	Molded-in color material reduces sound, will not rust or dent
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.)

OPTIONAL EQUIPMENT	
Rear bagger	2-bag, 6.5 bu 229 L
Mulching system	Mulch cover or high-performance plug
Front blade	46 in. 116.8 cm
Snow blower	Two-stage, 44 in. 111.8 cm
Sprayer	Tow-behind, 15 U.S. gal. 56.8 L
Spreader	Tow-behind only, 125-175 lb 57.7-80 kg
Front bumper	Styled front bumper
Weather protection	Weather enclosure

OPTIONAL EQUIPMENT	
Sun canopy	Sun canopy
Bucket holder	Yes, single bucket
Grass striping	Lawn striping kit
Tow-behind tools	16

DIMENSIONS	
Height	44 in. 1118 mm
Overall length	69.7 in. 1770 mm
Wheelbase	48.9 in. 1242 mm
Width with mower	55.2 in. 1402 mm
Width with mower (deflector raised for storage)	46.5 in. 1181 mm
Width without mower	39.2 in. 996 mm
Weight	Mower, no fuel, 444 lb 201 kg

ADDITIONAL INFORMATION	
Manufacturing location	Greeneville, Tennessee, USA
Date collected	1-Dec-21

The online sales manual should always be referenced and checked to ensure accurate information is being conveyed to the customer. Always download the most current information before visiting a customer and always use the online version if Internet access is available. This download is not intended for distribution. Product features are based on published information at the time of publication and are subject to change without notice. All trademarked terms, including John Deere, the leaping deer symbol and the colors green and yellow used herein are the property of Deere & Company, unless otherwise noted. Availability of products, product features, and other content on this site may vary by model and geographic region.

Engine horsepower and torque information are provided by the engine manufacturer to be used for comparison purposes only. Actual operating horsepower and torque will be less. Refer to the engine manufacturers Web site for additional information.