



210[°]C

LANDSCAPE LOADER

**SAE Net
Horsepower**

60 hp
(45 kW)

**Displace-
ment**

239 cu. in.
(3.917 L)

Loader Lift

4,600 lb.
(2090 kg)

Model shown may include options

ENGINE

John Deere engineered and manufactured. Replaceable wet type cylinder liners provide superior heat dissipation, longer life. High strength alloy heads have replaceable valve seat inserts. The forged steel, 5-main bearing crankshaft is statically and dynamically balanced for smooth operation. Cast aluminum pistons provide good heat transfer and pistons are sprayed with cooling oil for longer life.

Engine: John Deere 4039D

Rated power at 2200 rpm	60 SAE net hp (45 kW)
	63 SAE gross hp (47 kW)
Cylinders	4
Displacement	239 cu. in. (3.917 L)
Fuel consumption, typical	1.12 to 1.75 gal/hr (4.25 to 6.6 L/h)
Torque rise, 20 percent	172 lb-ft (233 Nm)
Lubrication	pressure system w/full flow filter and cooler
Air cleaner	dual stage dry type with safety element and precleaner
Electrical system	12 volt with 65 amp alternator

TRANSMISSION

John Deere designed and built 4-speed helical gear, synchronized collar shift transmission with hydraulic reverser. Uses single stage, dual phase 11-inch (280 mm) torque converter with 2.78:1 stall ratio.

TRAVEL SPEEDS

	Gear	Forward mph (km/h)	Reverse mph (km/h)
With 16.9-24 rear tires	1	3.4 5.5	3.3 5.3
	2	5.7 9.2	5.6 9.0
	3	12.3 19.8	12.2 19.6
	4	20.1 32.3	18.0 29.0

FINAL DRIVES

Heavy-duty, inboard mounted planetary type. Evenly distributes axle shock loads over three gears that run in a cooling oil bath.

BRAKES

Hydraulic wet disk service brakes are mounted inboard and are pressure cooled and lubricated. They're self-adjusting, self-equalizing, require no periodic service. Individual pedals allow them to be applied together or separately.

Parking/emergency brake is an independent system that uses a mechanical V-groove band that applies pressure on differential ring gear. All brakes conform to SAE J1473.

CAPACITIES

Fuel tank	23 gal. (87 L)
Engine coolant	17 qt. (16 L)
Engine oil including filter	9 qt. (8.5 L)
Torque converter and reverser system	8 qt. (7 L)
Hydraulic system	16 gal. (60 L)

STEERING

Hydrostatic power steering gives superior control at all speeds. Excellent steering torque allows easy maneuvering with heavy loads. Power steering conforms to SAE J1151 and emergency steering J53.

Non-powered axle

Curb turning radius with brakes	12 ft. 0 in. (3.67 m)
without brakes	13 ft. 2 in. (4.0 m)
Bucket clearance circle with brakes	32 ft. 5 in. (9.89 m)
without brakes	34 ft. 7 in. (10.55 m)
Steering wheel turns, stop to stop	2.2 to 2.9
Mechanical-front-wheel drive	
Curb turning radius with brakes	11 ft. 9 in. (3.57 m)
without brakes	13 ft. 5 in. (4.10 m)
Bucket clearance circle with brakes	30 ft. 9 in. (9.38 m)
without brakes	34 ft. 3 in. (10.44 m)
Steering wheel turns, stop to stop	2.5
Axle oscillations stop to stop, both axles	22 degrees

Axle ratings:

	Static	Dynamic	SAEJ43
Front	36,300 lb. (16,400 kg)	36,300 lb. (16,400 kg)	13,400 lb. (6000 kg)
Rear	41,100 lb. (18,600 kg)	54,800 lb. (24,800 kg)	11,430 lb. (5100 kg)

HYDRAULICS

System	open center
Pressure, main relief	2700 psi (18 620 kPa)
Pump	gear type
Flow at 2200 rpm	24 gpm (91 L/min)
Filter, return oil	10 micron, spin-on replaceable element

CYLINDERS

	Bore		Stroke		Rod	
	in.	(mm)	in.	(mm)	in.	(mm)
Loader boom (2)	2.76	70	29.8	757	1.77	45
Loader bucket (1)	2.76	70	28.1	715	1.75	40
Steering (1)						
regular axle	2.00	51	9.5	241	1.00	25
Steering (1) MFWD	2.36	60	7.9	201	1.25	32

TIRES

Rear	Front
16.9-24, 8 PR, R4	11L-15, 8 PR
17.5L-24, 8 PR, R4	11L-15, 8 PR

With mechanical-front-wheel drive
16.9-24, 8 PR, R4

12-16.5, 8 PR

OPERATING WEIGHTS

210C Landscape Loader	10,400 lb. (4730 kg)
mechanical-front-wheel drive adds	190 lb. (86 kg)

See backhoe and loader buckets for bucket weights

ADDITIONAL STANDARD EQUIPMENT

Engine:

Enclosed safety fan guard
Engine coolant to -34°F
(-37°C)
Under hood muffler with vertical
curved end exhaust stack

Power Train:

Cooler-oil to air for reverser/
torque converter system,
transaxle and brakes
Electric clutch cutoff
Electric shuttle control
Differential lock
Electric fuel shutoff

Loader:

Hydraulic self-leveling with
single lever control and
bucket indicator
Pressure and return lines for use
with 3-point hitch

Operator's Station:

Electronic monitor system with
audible and visual warning
Air cleaner restriction
Alternator
Coolant temperature
Engine oil pressure
Hydraulic filter indicator
Torque converter
temperature

Fuel gauge
Hand and foot throttle
Horn
Hourmeter
Key start switch
Lights, halogen driving/working
35,200 candlepower
(375 737 lux) each
Conforms to SAE J99
One taillight
ROPS/FOPS canopy, isolation
mounted
Conforms to SAE J1040

Non-suspension vinyl seat
Park brake indicator
Rear reflectors
2-in. (51 mm) seat belt
Overall Vehicle:
Rear fenders
Engine side shields
Vandal protection, locking
provision for
Engine access doors
Fuel tank cap
Instrument panel

OPTIONAL OR SPECIAL EQUIPMENT

Automatic return-to-dig
Auxiliary hydraulic valves and
circuit for loader and backhoe
Backhoe attachment
Backup alarm
Economy seat, vinyl covered,
suspension or rigid mounted

Engine coolant heater
Fire extinguisher
Floor mat
Front counterweight
Grille guard
Heavy counterweighted
front axle
Heavy-duty batteries

Lights:
Front/rear turn signal
Rear brake
Rear halogen work
Rotating beacon
Mechanical front-wheel drive
PTO (hydrostatic) - 19 hp
(14 kW) 540 rpm 6-tooth
SAE shaft

Rear wheel spacers for tire
chain clearance
Special low clearance ROPS
Tachometer/hourmeter
Three-point hitch with single or
four function hydraulics
SMV emblem
3-in. (76 mm) seat belt
Toolbox

ADDITIONAL AVAILABLE EQUIPMENT*

Auxiliary bolt-on cutting edge
for loader buckets
Bolt-on teeth for loader buckets

Cab
Cab, quarter (front windshield
and door)
Front windshield and door kit

Grille guard
Light materials/snow loader
buckets
Loader bucket chain hooks

Multipurpose loader buckets
Special paint*
* See your John Deere dealer for
further information

THE JDAdvantEDGE

JDAdvantEdge is a wealth of support programs, parts systems and dealer resources, all designed to give you the edge. This package of special benefits is a major reason why John Deere offers the "best value" for your equipment dollar.

Best parts support - Twelve regional parts depots in North America and others around the world put parts support near your job no matter where in the world it is.

A computerized FLASH™ parts locating system linking these depots to dealerships can find out-of-stock parts in a hurry and get them into your hands fast. Usually within 24 hours.

Best service backup - Dealer service technicians are regularly schooled, at our modern facility in Davenport, Iowa, or by professionals in the field, to diagnose quickly and repair efficiently.

If they are stumped, a phone call to DTAC (Dealer Technical Assistance Center) puts them in touch with a staff of pros at the factory who help them find a solution quickly.

Best dealers - Your John Deere dealer is an important contributor to the JDAdvantEdge. He or she is committed to being the best equipment supplier you can work with.

This is a dollars-and-cents commitment in parts inventory, in service facilities, in field service trucks. It's a sweat and blood commitment in dedicated, skilled and highly trained and motivated personnel in each and every department at the dealership.

But what sets John Deere dealers apart from all the rest is something more, a factor somewhat difficult to measure . . . a caring attitude, and a sincere desire to be the best at meeting the needs of each individual customer.

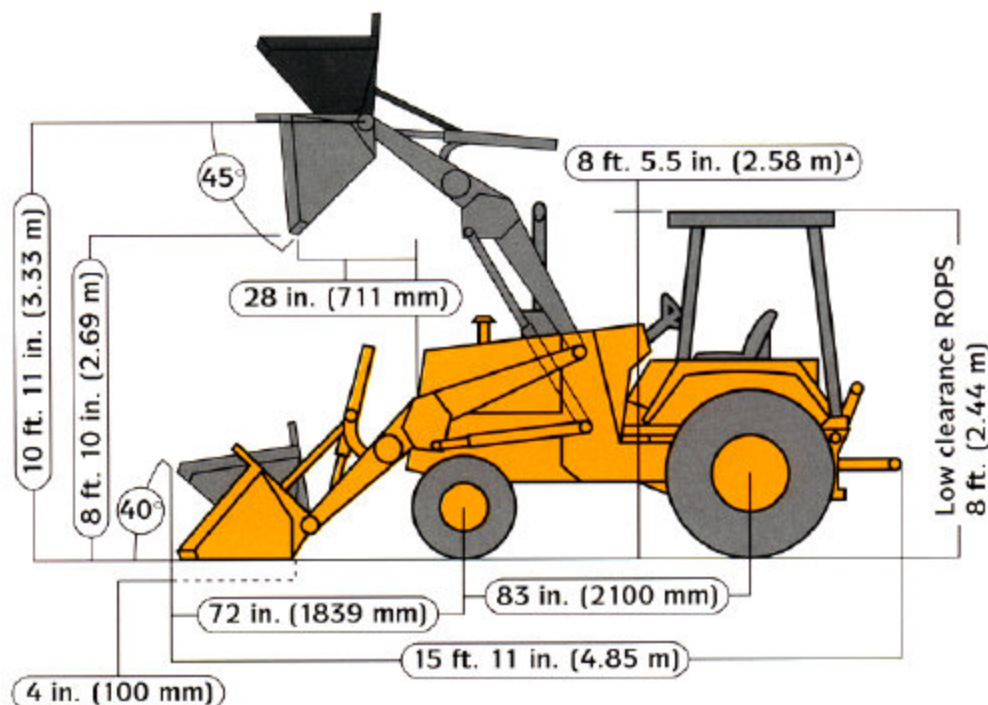
John Deere Finance Plans - Whether you rent, lease or buy John Deere equipment, your dealer can explain the John Deere options available. One-stop options that let you free up operating capital, keep other lines of credit open. More solid benefits of the JDAdvantEdge.

Best protection - In addition to the new equipment warranty that meets or exceeds the competition, SECURE® extended coverage, an optional service product for John Deere equipment, is available for repair coverage after the warranty concludes. Full machine or power train coverage is available for a variety of time periods to meet your needs. Consult your dealer for availability and details.

Net engine power is with standard equipment including air cleaner, exhaust system, alternator and cooling fan, at standard conditions per SAE J1349 and DIN 70 020, using No. 2-D fuel at 35 API gravity. No derating is required up to 6,000 feet (1800 m) altitude. Gross power is without cooling fan.

Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on a unit with 16.9-24, 8 PR rear tires, 11L-15, 8 PR front tires, and 0.88 cu. yd. (0.67 m³) loader bucket.

DIMENSIONS



*w/cab 8 ft. 7.5 in. (2.63 m)

BACKHOE BUCKETS

	Width		Capacity		Weight	
	in.	(mm)	cu. ft.	(m ³)	lb.	(kg)
Standard-duty	12	(305)	2.5	(0.07)	244	(111)
	18	(457)	4.1	(0.12)	278	(126)
	24	(610)	6.0	(0.17)	328	(149)
Ditching	36	(914)	10.0	(0.28)	439	(195)
	36	(914)	10.0	(0.28)	385	(175)
Heavy-duty	24	(610)	6.0	(0.17)	348	(158)

LOADER PERFORMANCE

Operator control	single lever
Breakout force	6700 lb. (29.8 kN)
Lifting capacity, full height	4600 lb. (2090 kg)
Raising time to full height	4.5 sec.
Bucket dump time	1.1 sec.
Bucket lowering time (power down)	2.5 sec.

LOADER BUCKETS

Loader:	Width		Heaped Capacity		Weight	
	in.	(mm)	cu. yd.	(m ³)	lb.	(kg)
General purpose	81	(2057)	0.88	(0.67)	564	(260)
	92	(2340)	1.0	(0.76)	706	(320)
Multipurpose	84	(2134)	1.0	(0.76)	1500	(680)



MAINFRAME

All drivetrain components are mounted independently to the massive unitized mainframe where they are isolated from working stress and shock loads. And each drivetrain component can be removed independently of the others to speed repairs, reduce downtime.



FRONT-WHEEL DRIVE

This rugged, industrial-duty axle can be engaged under load on-the-go. A limited slip differential is mounted to the side to provide maximum ground clearance. The axle's sealed design with no breathers prevents entry of water and mud. Turning radius remains near that of a two-wheel drive.



OPERATOR'S STATION

ROPS canopy is standard equipment. Working height is 101.5 in. (2.58 m). A low ROPS option reduces height to 96 in. (2.44 m), facilitating work in close quarters and beneath overhangs. Electronic monitor provides audible and visible warnings for vital functions. There are five seat options and three control options.



LOADER DESIGN

A single dump cylinder on the loader bucket gives the operator an unobstructed view to the bucket. Simpler linkage and one less cylinder reduces weight. It also means there are fewer pivot points and fewer lubrication points reducing maintenance time and expense.