



JOHN DEERE

Current Date 02Jan2019

324L - FOUR WHEEL DRIVE LOADER

ENGINE:

Yanmar 4TNV98CT
70 SAE Net Horsepower (52 kW)
Isolation Mounted
Turbocharged
Glow Plugs
Engine Coolant -34 Degree F (-37 Degree C)
Coolant Recovery Tank
Proportional Speed
Hydraulic Driven Cooling Fan
Spin-On Engine Oil and Fuel Filters
Oil-to-Water Engine Oil Cooler
Dual Safety Element Dry-Type Air Cleaner with Dust Evacuator Valve and Pre-Screener
Muffler, Under Hood, with Exhaust Stack
Enclosed Safety Fan Guard (Conforms to SAE J1308)

ELECTRICAL:

12 Volt System
80 Amp Sealed Alternator (1) 12 Volt, 925 CCA
Master Electrical Disconnect Switch
Blade-Type Multi-Fused Circuits
Sealed External Electrical Connections
Electrical Load Center In Operator Station
Bypass Start Safety Cover on Starter
Positive Terminal Battery Covers
Lights (Conforms to SAE J99):
(2) Driving / (2) Front Working Halogen Lights
(2) Front and (2) Rear Turn/Flashing
(2) Rear Stop Lights
(2) Rear Reflectors
(2) Rear Work Lights

AXLES:

Heavy-Duty Outboard Planetary Final Drives
100% Manual (Push Button) Front Diff/Lock and Rear Std. Differential
Grease Bank for Oscillating Rear Axle

BRAKES:

Service Brakes;
Hydraulically Actuated, Self Adjusting internal Wet Disc Brake and Driveline Drum Brake
Park Brake; Automatic Spring-Applied, Hydraulic-Released internal Wet Disc Brake

STEERING:

Hydraulic Stereo Steer:
56 Degrees Articulation (28 Degree in Each Direction)
Plus an
Additional 26
Degree Rear Wheel Steer

OPERATOR'S STATION:

Modular Design ROPS/FOPS Cab, heat and air conditioning standard.
Isolation Mounted (Conforms to SAE J1040, J231, ISO 3471, ISO 3449)
Steel Roof
Left and Right Side Access Walk Through Cab
Slip-Resistant Steps and Ergonomically Located Handholds (Conforms to SAE J185)
3-Way Tilt and telescopic Steering Console
Steering Wheel with Spinner
Seat, Deep Foam, Fabric,

Speedometer

Hourmeter
Turn Signal and Hazard Lights
High Beam Indicator
Floormat
Horn, Electric (Conforms to SAE J994, J1446)
Key Start Switch with Electric Fuel Shut-Off
Power Port
Interior Mounted Rearview Convex Mirror (Conforms to SAE J985)
Two Exterior Convex Mirrors (Conforms to SAE J985)
Built-In Operator's Manual Storage Compartment and Manual
Pre-wired for Beacon and Radio
Cab includes Radio
Speakers and Antenna

LOADER:

Powered Attachment Coupler
Z-Bar Linkage
Three Function Hydraulics, with Joystick Pilot Control for Boom and Bucket and 3rd function electrohydraulic mini joystick built in
Boom Float
Return to Dig (Bucket Leveling) Feature
Loader Boom Service Lock (Conforms to SAE J38)

OVERALL VEHICLE:

Articulation Locking Pin (Conforms to SAE J276)
Oscillating Frame
Articulation System
Front and Rear Fenders
Integral Loader Frame Lift & Tie Down Eyes
Integral Engine Frame Lift

<p>HYDRAULIC SYSTEM: Joystick FNR Control with Third Function Control Lever 24 GPM (91 L/Min) Engine Mounted Gear Pump - Open Center Combined Hydrostatic/Hydraulic Oil Reservoir with Sight Glass</p> <p>TRANSMISSION: Single Lever Shift Control, F-N-R and 2 Speed automatic gear box Hydrostatic Transmission with Infinite Speed Control Inching Pedal Vertical Filter Element</p>	<p>Mechanical Suspension for Weight/Height, Fore-Aft Adjustment, Backrest Tilts and Adjustable Arm Rests, 2 In. (51 mm) Seat Belt with Retractor (Conforms to SAE J386) Electronic Monitor System with Audible and Visual Warning: Engine Oil Pressure Engine Coolant Temperature HST Transmission Oil Temperature Indicator Lights: Engine Air Filter Fasten Seat Belt Park Brake Actuated Forward-Reverse Travel I or II Speed Range Fuel Gauge</p>	<p>& Tie Down Eyes Full Counterweight Drawbar with Pin Rear Bottom Guard Environmental Fluid Drains</p> <p>Vandal Protection Locking for: Engine Enclosure Operator Enclosure Rear Engine Access Door Fuel Fill 21.5 Gallon (80 L) Fuel Tank Reverse Warning Alarm (Conforms to SAE J994, J1446) Refer to Service Administration Manual for Foam Filled or Solid Tire applications</p>
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Required - *You must select one from each category*



BASE MACHINE

F.O.B. Baltimore, Maryland

Description	Code	Price
324L - FOUR WHEEL DRIVE LOADER	OAGOT	\$104,531.00



SEAT

Description	Code	Price
Standard Cloth Seat, Mid-Back, Mechanical Suspension	2210	No Added Cost
Deluxe Cloth Seat, Air Suspension, High-Back with Headrest, Heated, and Lumbar	2230	\$2,250.00



CONTROLS

Description	Code	Price
Standard Control Package	2410	No Added Cost
Includes Rimpull Control and Inching Pedal.		
Attachment Assist (Creep Control & Throttle Lock)	2430	\$2,049.00
Includes Rimpull Control and Inching Pedal.		



ENGINE

Description	Code	Price
Engine	0924	\$4,426.00
Yanmar 4TNV98CT meets EPA FT4 and EU Stage IIIB Emissions Turbo Charged		

Automatic Glow Plug
 Starter Protection
 Automatic Derating for Exceeded System Temperatures
 Electronically Controlled Fuel Delivery System
 Under Hood Dual Element Air Cleaner with Restriction Indicator
 Dual-Stage Fuel Filter and Water Separator 500 Hour Spin-on Oil Filter

HYDRAULIC SYSTEM AND COUPLER

Description	Code	Price
Three Function, Joystick w/FNR Control	2840	No Added Cost

1 lever controls boom and bucket, mini-EH thumb joystick proportionally controls auxiliary function. Includes third function lines to the coupler.

Three Function w/High Flow Option, Joystick w/FNR Control	2842	\$4,281.00
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1 lever controls boom and bucket, mini-EH thumb joystick proportionally controls auxiliary function. Includes third function lines to the coupler. Includes third function detent.

RIDE CONTROL

Description	Code	Price
Less Ride Control	3000	No Added Cost

Ride Control	3010	\$2,289.00
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WHEELS AND TIRES

Description	Code	Price
405/70R18 Firestone Duraforce	4020	\$5,372.00

This tire option gives total machine height of 9 ft 1 in (2774 mm)

Mitas EM01	4025	\$5,397.00
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405/70R20
 This tire option gives total machine height of 9 ft 2 in (2804 mm)

400/70R20 Michelin XMCL	4030	\$6,481.00
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This tire option gives total machine height of 9 ft 2 in (2804 mm)

400/70R20 Michelin Bibload L3	4035	\$6,481.00
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This tire option gives total machine height of 9 ft 2 in (2798 mm)

LINKAGE

Description	Code	Price
Standard Z-bar linkage	2010	No Added Cost

Height to Hinge Pin 132 in.

High Lift Z-bar linkage	2020	\$2,017.00
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Height to Hinge Pin 149 in.

WORK LIGHTS

Description	Code	Price
Halogen Work Lights - Cab	7120	\$250.00
2x Front, 2x Rear Halogen WorkLights		
Less Work Lights (LED Kit Ready)	7140	No Added Cost
Dealer will need to order and install BYT10522 (2xspot) and/or BYT10523 (2xflood)		

▼ BUCKETS AND COUPLERS

Description	Code	Price
Less Coupler / Coupler Ready	8545	No Added Cost
Dealer must order and install AT412608 Integrated Skid Steer Compatible Quik Tatch Coupler or AT452288 ISO Integrated Coupler. Must also order a bucket if desired.		
Less Bucket	8550	\$1,685.00
ISO Coupler included.		
1.0 cu. yd. (0.8 cu. m.) General Purpose Bucket with Skid Shoes and Bolt-on Cutting Edge for ISO Coupler	8555	\$3,674.00
74.8 in. (1.90 m) overall width. Includes 2 built-in lift loops.		
1.4 cu. yd. (1.1 cu. m.) General Purpose Bucket with Skid Shoes and Bolt-on Cutting Edge for ISO Coupler	8560	\$4,776.00
86.6 in. (2.2 m) overall width. Includes 2 built-in lift loops.		
2.1 cu. yd. (1.6 cu. m.) Light Material Bucket with Skid Shoes and Bolt-on Cutting Edge for ISO Coupler	8565	\$5,731.00
94.5 in. (2.4 m) overall width. Includes 2 built-in lift loops. Includes Dump Control Valve Kit, AT320957.		
2.6 cu. yd. (2.0 cu. m.) Light Material Bucket with Skid Shoes and Bolt-On Cutting Edge for ISO Coupler	8570	\$6,681.00
94.5 in. (2.4 m) overall width Includes 2 built-in lift loops Includes Bucket Dump Control Valve Kit		

Optional - *Select as desired*

▼ OTHER WORK TOOLS

Description	Code	Price
Pallet Forks for Standard ISO Coupler	9200	\$1,731.00
Frame width 48 in. (~1200 mm) Tines, 4 in. x 1.8 in. x 48 in. (100 x 45 x 1200 mm)		
Front Windshield Guard	9420	\$2,147.00
Long Lead Time Item.		

▼ DEALER-INSTALLED KITS

Description	Code	Price
<u>Buckets & Pallet Forks</u>		
1.0 cu. yd. (0.8 cu. m.) General Purpose Bucket with Skid Shoes and Bolt-on Cutting Edge for ISO Coupler	AT316647	\$1,909.00
* 74.8 in. (1.90 m) overall width * Includes 2 built-in lift loops		
1.4 cu. yd. (1.1 cu. m.) General Purpose Bucket with Skid Shoes and Bolt-On Cutting Edge for ISO Coupler	AT316646	\$2,859.00
* 86.6 in. (2.2 m) overall width * Includes 2 built-in lift loops		
2.1 cu. yd. (1.6 cu. m.) Light Material Bucket with Skid Shoes and Bolt-on Cutting Edge for ISO Coupler	AT320636	\$4,172.00
94.5 in. (2.4 m) overall width Includes 2 built-in lift loops Requires Dump Control Valve Kit, AT370530		
Pallet Forks for ISO Coupler	AT321215	\$2,009.00
Class ITA 2B fork frame Frame width 49 in. (1.2 m) Tines, 4 in. x 1.8 in. x 48 in. (100 x 45 x 1200 mm)		
<u>Buckets Couplers & Forks</u>		
1.0 cu. yd. (0.8 cu. m.) General Purpose Bucket with Skid Shoes and Bolt-on Cutting Edge for Quik Tatch	AT413236	\$1,888.00
74.8 in. (1.90 m) overall width Includes 2 built-in lift loops		
1.4 cu. yd. (1.1 cu. m.) General Purpose Bucket with Skid Shoes and Bolt-On Cutting Edge for Quik Tatch	AT413237	\$2,880.00
86.6 in. (2.2 m) overall width Includes 2 built-in lift loops		
2.1 cu. yd. (1.6 cu. m.) Light Material Bucket with Skid Shoes and Bolt-on Cutting Edge for Quik Tatch	AT413238	\$4,183.00
94.5 in. (2.4 m) overall width Includes 2 built-in lift loops Requires Dump Control Valve Kit LW11621918, which can be ordered in JDPoint.		
Class 3 Fork Frame with 48 Fork Tines for Quik Tatch Coupler	BYT10083	\$2,243.00
Pallet Fork Frame Kit, 48" Forks Class ITA 3B Fork Frame Frame Width 60 in. (1.5m) Tines, 4-3/4 in. x 2in x 48in (120mm x 50mm x 1220mm) Overall Length Fork Frame + Forks: 57in (1445mm)		
Class 3 Fork Frame with 60 Fork Tines for Quik Tatch Coupler	BYT10092	\$2,461.00
Pallet Fork Frame Kit, 60" Forks Class ITA 3B Fork Frame		

Frame Width 60 in. (1.5m)
Tines, 4-1/2 in. x 2in x 60in (116mm x 50mm x 1524mm)
Overall Length Fork Frame + Forks: 69in (1750mm)

ISO Coupler Kit 244L/324L	AT452288	\$2,705.00
Skid Steer Compatible Quik Tatch Coupler	AT412608	\$848.00
<u>Kits & Accessories</u>		
Air Intake Pre-cleaner Kit	AT337325	\$176.00
Beacon Light	LW9069320	\$199.00
ISO Adapter to Quik Tatch Coupler	AT357576	\$1,584.00
Adapter for ISO Coupler to use Skid Steer Attachments		
<u>Kits & Accessories</u>		
Block Heater Kit	AT427686	\$112.00
<u>Kits & Accessories</u>		
LED Worklight Kit (Flood)	BYT10523	\$189.00
LED Worklight Kit (Spot)	BYT10522	\$189.00
Skid Steer Quik Tatch Coupler Cover	BYT10470	\$127.00
<u>Miscellaneous</u>		
3 in. Retractable Seat Belt	AT171619	View Price
<u>Miscellaneous</u>		
Electrical Attachment Control Kit	AT390659	\$512.00
Provides both 3 pin and 14 pin connectors and a control box.		