



Current Date 07Jul2017

## 324K FOUR WHEEL DRIVE LOADER

## 324K Standard Equipment

## 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 Vertical Curved End 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):

Oil-to-Air Cooler for Transmission  
 Hydraulic Test Ports  
 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)  
 Tilt Steering Console

Fuel Gauge  
 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 Auxiliary Lever for Standard Pin Disconnect and Auxiliary Hydraulics  
 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

(2) Driving / (2) Front Working Halogen Lights	Steering Wheel with Spinner	System
(2) Front and (2) Rear Turn/Flashing	Seat, Deep Foam, Fabric, Mechanical Suspension for Weight/Height,	Front and Rear Fenders
(2) Rear Stop Lights	Fore-Aft Adjustment,	Integral Loader Frame Lift & Tie Down Eyes
(2) Rear Reflectors	Backrest Tilts and Adjustable	Integral Engine Frame Lift & Tie Down Eyes
(2) Rear Work Lights	Arm Rests, 2 In.	Full Counterweight
HYDRAULIC SYSTEM:	(51 mm) Seat Belt with Retractor (Conforms to SAE J386)	Drawbar with Pin
Joystick FNR Control with Third Function Control Lever	Electronic Monitor System with Audible and Visual Warning:	Rear Bottom Guard
24 GPM (91 L/Min) Engine Mounted Gear Pump - Open Center	Engine Oil Pressure	Environmental Fluid Drains
Combined	Engine Coolant Temperature	Vandal Protection Locking for:
Hydrostatic/Hydraulic Oil Reservoir with Sight Glass	HST Transmission Oil Temperature	Engine Enclosure
TRANSMISSION:	Indicator Lights:	Operator Enclosure
Joystick FNR Control with Third Function Control Lever	Engine Air Filter	Rear Engine Access Door
Hydrostatic Transmission with 2 Speed ranges:	Fasten Seat Belt	Fuel Fill
Infinite Speed Control	Park Brake Actuated	21.5 Gallon (80 L)
Inching Pedal	Forward-Reverse Travel I or II Speed Range	Fuel Tank
Vertical Element, HST		Reverse Warning Alarm (Conforms to SAE J994, J1446)
Charge Pressure Filter with Bypass to Reservoir		Refer to Service Administration Manual for Foam Filled or Solid Tire applications

**Required** - You must select one from each category



#### BASE MACHINE

F.O.B. Baltimore, Maryland

Description	Code	Price
324K FOUR WHEEL DRIVE LOADER	0AK0T	\$101,803.00



#### ENGINE

Description	Code	Price
Yanmar Engine	0924	\$4,426.00
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 Under Hood Muffler with Curved Exhaust Stack Dual-Stage Fuel Filter and Water Separator 500 Hour Spin-on Oil Filter		



#### HYDRAULIC SYSTEM AND COUPLER

High Lift Options Available

<b>Description</b>	<b>Code</b>	<b>Price</b>
Three Function, Joystick FNR Control with Third Function Control Lever includes ISO Coupler	2840	\$1,353.00
Four Function, same as three function with Fourth Function Push Buttons includes ISO Coupler	2844	\$3,749.00
Three Function w/High Flow Option includes ISO Coupler  Includes third function detent.  Restrictor Kit AT385075 must also be installed.  Requires Code 9300 - Creep Control.	2842	\$3,968.00
Three Function, Joystick FNR Control with Third Function Control Lever / Coupler Ready  Joystick controls both boom and bucket and 2nd lever controls auxiliary function. Includes auxiliary hydraulic lines to boom cross tube.  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.	2910	In Base Price
High Flow Three Function / Coupler Ready  Restrictor Kit AT385075 must also be installed. Includes third function detent.  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.  Requires Code 9300 - Creep Control.	2920	\$3,053.00
High Lift Three Function / Coupler Ready  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.	2930	\$1,305.00
High Lift, High Flow Three Function / Coupler Ready  Restrictor Kit AT385075 must also be installed. Includes third function detent.  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.  Requires Code 9300 - Creep Control.	2940	\$4,355.00

**RIDE CONTROL**

<b>Description</b>	<b>Code</b>	<b>Price</b>
Ride Control	3010	\$2,283.00
Less Ride Control	3000	In Base Price

**WHEELS AND TIRES**

<b>Description</b>	<b>Code</b>	<b>Price</b>
405/70R18 Firestone Duraforce  This tire option gives total machine height of 9 ft 1 in (2774 mm)	4020	\$5,149.00

Mitas EM01	4025	\$5,348.00
405/70R20 This tire option gives total machine height of 9 ft 2 in (2804 mm)		
400/70R20 Michelin XMCL	4030	\$6,181.00
This tire option gives total machine height of 9 ft 2 in (2804 mm)		

## ▼ BUCKETS AND COUPLERS

Description	Code	Price
Less Coupler / Coupler Ready	8545	In Base Price
Dealer must order and install AT412608 Integrated Skid Steer Compatible Quik Tatch Coupler or AT452289 ISO Integrated Coupler. Must also order a bucket if desired.		
1.0 cu. yd. (0.8 cu. m.) General Purpose Bucket with Skid Shoes and Bolt-on Cutting Edge for ISO Coupler	8555	\$1,771.00
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	\$2,703.00
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	\$3,588.00
94.5 in. (2.4 m) overall width. Includes 2 built-in lift loops. Includes Dump Control Valve Kit, AT320957.		
ISO Coupler Less Bucket	8550	In Base Price
2.6 cu. yd. (2.0 cu. m.) Light Material Bucket with Skid Shoes and Bolt-On Cutting Edge for ISO Coupler	8570	\$4,160.00
94.5 in. (2.4 m) overall width Includes 2 built-in lift loops Includes Bucket Dump Control Valve Kit		

## Optional - Select as desired

### ▼ SPEED CONTROL

Description	Code	Price
Creep/Speed Control	9300	\$2,096.00

### ▼ OTHER WORK TOOLS

Description	Code	Price
Pallet Forks for Standard ISO Coupler	9200	\$1,731.00
Frame width 49 in. (1.2 m) Tines, 4 in. x 1.8 in. x 48 in. (100 x 45 x 1200 mm)		

## EXPORT CODES

Translated Customer Delivery Packets can be ordered using the John Deere Technical Information Bookstore at <http://www.johndeereotechinfo.com> at no charge. The Translated Delivery Packets include the Operator Manual, Decal Kit,

Warranty Information Booklet, and Uptime Maintenance Planner. Search for and order the Translated Delivery Packets by model and language that meets your customer requirements. A listing of all Translated Delivery Packets available can be found by selecting Translated Delivery Packets from the Manual Type dropdown list. Technical support is available by calling 1-866-213-3373.

## DEALER-INSTALLED KITS

Description	Code	Price
Electrical Attachment Control Kit	AT390659	\$512.00

Provides both 3 pin and 14 pin connectors and a control box.

Three Function w/High Flow Kit	AT452422	\$2,015.00
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Only available on FT4 machines S/N 34088 and above.  
Restrictor Kit AT385075 is required.

### Buckets and Pallet Forks

F.O.B. Baltimore, Maryland Will ship LTL

1.0 cu. yd. (0.8 cu. m.) General Purpose Bucket with Skid Shoes and Bolt-on Cutting Edge for ISO Coupler	AT316647	\$1,703.00
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\* 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	\$2,599.00
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\* 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	\$3,793.00
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94.5 in. (2.4 m) overall width  
Includes 2 built-in lift loops  
Requires Dump Control Valve Kit, AT370530

2.6 cu. yd. (2.0 cu. m.) Light Material Bucket with Skid Shoes and Bolt-On Cutting Edge for ISO Coupler	AT320638	\$4,777.00
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94.5 in. (2.4 m) overall width  
Includes 2 built-in lift loops  
Requires Dump Control Valve Kit, AT370530

Pallet Forks for Standard ISO Coupler	AT321215	\$1,826.00
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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)

### Buckets, Couplers, and Forks

F.O.B. Dubuque, Iowa

1.0 cu. yd. (0.8 cu. m.) General Purpose Bucket with Skid Shoes and Bolt-on Cutting Edge for Quik Tatch	AT413236	\$1,716.00
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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	\$2,618.00
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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	\$3,803.00
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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	\$2,039.00
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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	\$2,237.00
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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)

Integrated ISO Coupler	AT452288	\$2,705.00
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Integrated Skid Steer Compatible Quik Tatch Coupler	AT412608	\$810.00
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#### **Kits and Accessories**

ISO Adapter to Quik Tatch Coupler	AT357576	\$1,584.00
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Adapter for Standard Coupler to use Skid Steer Attachments

3 in. Retractable Seat Belt	AT171619	View Price
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3rd Function Control on Joystick	LW8926635	\$760.00
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For serial #s LU244JX\*23290, LU304JX\*23372, LU324JX\*29337 & LU344JX\*22914 and above, and 244K & 324K models.  
Long lead-time item

3rd Function Detent	AT218600	View Price
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For serial #s LU244JX\*25919, LU304JX\*25919, LU324JX\*25919 and above, and 244K & 324K models.

\*Order through parts AT218600 Switch and AT320276 Insert.  
\*Installation instructions T302378 English, T302379 French, T302380 Spanish.  
\*Instructions available through the JD Bookstore at  
HTTP://www.johndeereinfo.com

Air Intake Pre-cleaner Kit	AT337325	\$176.00
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Air Screen for Engine Hood	AT322556	\$1,235.00
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Recommend Air Intake Pre-cleaner, AT337325

Auto Restrictor Kit	AT385075	\$679.00
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Recommended for applications operating auxiliary hydraulics in combination with boom and bucket functions

Automatic Reversing Fan Drive	AT452287	\$2,618.00
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Beacon Light	LW9069320	\$199.00
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Block Heater Kit	AT427686	\$112.00
Creep Control Kit	AT452286	\$2,296.00
Only available on FT4 machines S/N 34088 and above.		
Dump Control Valve Kit	AT370530	\$276.00
For serial #s LU244JX*23290, LU304JX*23372 & LU324JX*29337, and above, and 244K & 324K models.		
Front Windshield Guard	AT335392	\$1,920.00
Ride Control	AT370865	\$2,004.00
For serial #s LU244JX*23290, LU304JX*23372 & LU324JX*29337 and above, and 244K & 324K models.		



## REFERRAL ATTACHMENTS

Description	Code	Price
<b>G.R. Mfg.</b> G.R. Manufacturing, Inc. * Kits listed below must be ordered through John Deere. * F.O.B. Trussville, Alabama * All kits include installation instructions * All warranty, repair parts, technical support and assistance, and sales support and assistance will be the responsibility of G.R. Manufacturing, Inc., and will be handled directly between the Dealer and G.R. Manufacturing, Inc. G.R. Manufacturing, Inc. 4800 Commerce Drive Trussville, Alabama 35173 Phone: (800)841-8001 Fax: (205) 655-8005		
Bumper	AT324288	\$1,290.00