



Current Date 03Jan2020

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

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

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 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

Turn/Flashing (2) Rear Stop Lights (2) Rear Reflectors (2) Rear Work Lights	Steering Console Steering Wheel with Spinner Seat, Deep Foam, Fabric, 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	System Front and Rear Fenders Integral Loader Frame Lift & Tie Down Eyes Integral Engine Frame Lift & Tie Down Eyes Full Counterweight Drawbar with Pin Rear Bottom Guard Environmental Fluid Drains 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
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		
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		

Required - You must select one from each category



BASE MACHINE

F.O.B. Baltimore, Maryland

Description	Code	Price
324L - FOUR WHEEL DRIVE LOADER	OAGOT	\$111,203.00



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	\$2,306.00



CONTROLS

Description	Code	Price
Standard Control Package Includes Rimpull Control and Inching Pedal.	2410	No Added Cost
Attachment Assist (Creep Control & Throttle Lock) Includes Rimpull Control and Inching Pedal.	2430	\$1,391.00



ENGINE

Description	Code	Price
Engine	0924	\$4,537.00
103 SAE Net Horsepower (76 kW) Isolation Mounted with Turbocharger Meets EPA Final Tier 4 and EU Stage IV Emissions		

▼ 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	\$4,388.00
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	\$2,346.00

▼ WHEELS AND TIRES

Description	Code	Price
405/70R18 Firestone Duraforce	4020	\$1,219.00
This tire option gives total machine height of 9 ft 1 in (2774 mm)		
Mitas EM01	4025	No Added Cost
This tire option gives total machine height of 9 ft 2 in (2804 mm) 405/70R20		
400/70R20 Michelin XMCL	4030	\$2,277.00
This tire option gives total machine height of 9 ft 2 in (2804 mm)		
400/70R20 Michelin Bibload L3	4035	\$2,584.00
This tire option gives total machine height of 9 ft 2 in (2798 mm)		
Nokian HakkaPeliitta TRI 400/70R20EM	40F1	\$2,679.00

▼ LINKAGE

Description	Code	Price
Standard Z-bar linkage	2010	No Added Cost
Height to Hinge Pin 132 in.		
High Lift Z-bar linkage	2020	\$2,067.00

Height to Hinge Pin 149 in.

▼ WORK LIGHTS

Description	Code	Price
Halogen Work Lights - Cab	7120	\$256.00
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 ISO Integrated Coupler. Must also order a bucket if desired.		
Less Bucket	8550	\$1,727.00
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	\$3,766.00
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	\$4,895.00
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	\$5,874.00
94.5 in. (2.4 m) overall width. Includes 2 built-in lift loops. Includes Spool Stop LW11621919		
2.6 cu. yd. (2.0 cu. m.) Light Material Bucket with Skid Shoes and Bolt-On Cutting Edge for ISO Coupler	8570	\$6,848.00
94.5 in. (2.4 m) overall width Includes 2 built-in lift loops Includes Spool Stop LW11621919		

Optional - *Select as desired*

▼ OTHER WORK TOOLS

Description	Code	Price
Pallet Forks for Standard ISO Coupler	9200	\$1,774.00
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	\$2,201.00
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	\$1,957.00
* 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	\$2,930.00
* 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	\$4,276.00
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	\$5,386.00
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	BYT11466	\$2,258.00
Class ITA 2B fork frame Frame width 49 in. (1.2m) Tires, 4 in. x 1.8 in. x 48 in. (100 x 45 x 1200 mm) Replace kit AT321215		
<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	\$1,935.00
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	\$2,952.00
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	\$4,288.00
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.

Skid Steer Compatible Quik Tatch Coupler	AT412608	\$869.00
<u>Kits & Accessories</u>		
Air Intake Pre-cleaner Kit	AT337325	\$180.00
Beacon Light	LW9069320	\$204.00
Block Heater Kit	AT427686	\$114.00
ISO Adapter to Quik Tatch Coupler	AT357576	\$1,584.00
Adapter for ISO Coupler to use Skid Steer Attachments		
LED Worklight Kit (Spot)	BYT10522	\$194.00
Reversing Fan (Field Installed)	BYT11225	\$2,305.00
Skid Steer Quik Tatch Coupler Cover	BYT10470	\$130.00
<u>Miscellaneous</u>		
3 in. Retractable Seat Belt	AT171619	View Price
Boom Height Kick-Out	BYT11293	\$702.00
Boom Height Kick-out		
Class 3 Fork Frame with 48" Fork Tines for Quik Tatch Coupler	BYT10083	\$2,299.00
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	\$2,523.00
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)		
Electrical Attachment Control Kit	AT390659	\$525.00
Provides both 3 pin and 14 pin connectors and a control box.		
LED Worklight Kit (Flood)	BYT10523	\$194.00