



Loader - State Contract

Selling Equipment

TOOELE COUNTY CORPORATION
CONTRACT # 23-01-04

Quote Id: 27263146

Customer: TOOELE COUNTY ROAD DEPT.

JOHN DEERE 644 G WHEEL LOADER

Hours: 0
Stock Number: 80998

Code	Description	Qty
3000BZ	JOHN DEERE 644 G TIER WHEEL LOADER	1
Standard Options - Per Unit		
170K	JDLINKTM	1
0202	UNITED STATES	1
0259	ENGLISH	1
0352	NO TEXT LABELS	1
0400	STANDARD LOADER	1
0602	LEVEL 2	1
0652	LEVEL 2	1
0951	REAR CAMERA(PRIMARY DISPLAY)	1
4021	JOHN DEERE POWERTECH PSS 6.8	1
4251	LESS SEVERE DUTY FUEL FILTER	1
5166	23.5R25 TIANLI RADIAL TIRES	1
7054	THREE FUNCTION HYDRAULICS	1
7407	FIELD BUCKET READY: PINS ON	1
7465	LESS CUTTING EDGE	1
7800	LESS BUCKET	1
8501	DEBRIS PACKAGE	1
8503	REGULATORY PACKAGE	1
Dealer Attachments		
81034	NEW 2022 JOHN DEERE 4.00 CYD HV COUPLER BKT	1
AT354840	Hi-Vis Z-Bar Hydraulic Attachment Coupler	1
Service Agreements		
John Deere Extended Warranty - 60m/5,000hr Powertrain and Hydraulic Warranty		

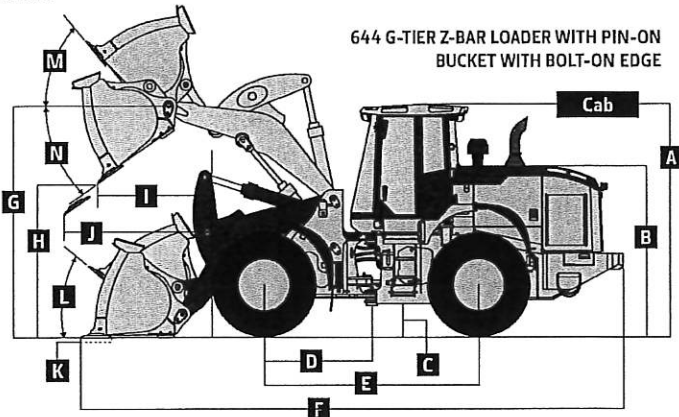
644 G-TIER WHEEL LOADER SPECIFICATIONS

644

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While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Hydraulic System/Steering (continued)	644 G Z-BAR TIER 2 / TIER 3 / FT4
Turning Radius (measured to centerline of outside tire)	5.55 m (18 ft. 3 in.)
Hydraulic Cycle Times	
Raise	5.2 sec.
Dump	1.5 sec.
Lower (power down)	3.2 sec.
Total	9.9 sec.
Bucket Capacity Range	
Bucket Type	
Pin-On	3.1-3.2 m ³ (4.0-4.25 cu. yd.)
Coupler	3.1 m ³ (4.0 cu. yd.)
Dimensions and Specifications With Pin-On Bucket With Bolt-On Edge	



644 G-TIER Z-BAR LOADER WITH PIN-ON BUCKET WITH BOLT-ON EDGE

Key: Enhanced Production (EP) / General-Purpose (GP)

	644 G Z-Bar Tier 2			644 G Z-Bar Tier 3			644 G Z-Bar FT4		
	3.25-m ³ (4.25 cu. yd.) EP	3.10-m ³ (4.00 cu. yd.) GP	3.20-m ³ (4.25 cu. yd.) GP	3.25-m ³ (4.25 cu. yd.) EP	3.10-m ³ (4.00 cu. yd.) GP	3.20-m ³ (4.25 cu. yd.) GP	3.25-m ³ (4.25 cu. yd.) EP	3.10-m ³ (4.00 cu. yd.) GP	3.20-m ³ (4.25 cu. yd.) GP
Dimensions With Bucket With Bolt-On Edge (Illustration above right)									
A Height to Top of Cab	3.46 m (11 ft. 4 in.)	3.46 m (11 ft. 4 in.)	3.46 m (11 ft. 4 in.)	3.46 m (11 ft. 4 in.)	3.46 m (11 ft. 4 in.)	3.46 m (11 ft. 4 in.)	3.46 m (11 ft. 4 in.)	3.46 m (11 ft. 4 in.)	3.46 m (11 ft. 4 in.)
B Hood Height	2.63 m (8 ft. 8 in.)	2.63 m (8 ft. 8 in.)	2.63 m (8 ft. 8 in.)	2.63 m (8 ft. 8 in.)	2.63 m (8 ft. 8 in.)	2.63 m (8 ft. 8 in.)	2.63 m (8 ft. 8 in.)	2.63 m (8 ft. 8 in.)	2.63 m (8 ft. 8 in.)
C Ground Clearance	422 mm (16.6 in.)	422 mm (16.6 in.)	422 mm (16.6 in.)	422 mm (16.6 in.)	422 mm (16.6 in.)	422 mm (16.6 in.)	422 mm (16.6 in.)	422 mm (16.6 in.)	422 mm (16.6 in.)
D Length From Centerline to Front Axle	1.60 m (5 ft. 3 in.)	1.60 m (5 ft. 3 in.)	1.60 m (5 ft. 3 in.)	1.60 m (5 ft. 3 in.)	1.60 m (5 ft. 3 in.)	1.60 m (5 ft. 3 in.)	1.60 m (5 ft. 3 in.)	1.60 m (5 ft. 3 in.)	1.60 m (5 ft. 3 in.)
E Wheelbase	3.26 m (10 ft. 8 in.)	3.26 m (10 ft. 8 in.)	3.26 m (10 ft. 8 in.)	3.26 m (10 ft. 8 in.)	3.26 m (10 ft. 8 in.)	3.26 m (10 ft. 8 in.)	3.26 m (10 ft. 8 in.)	3.26 m (10 ft. 8 in.)	3.26 m (10 ft. 8 in.)
F Overall Length, Bucket on Ground	8.08 m (26 ft. 6 in.)	8.08 m (26 ft. 6 in.)	8.17 m (26 ft. 10 in.)	8.08 m (26 ft. 6 in.)	8.08 m (26 ft. 6 in.)	8.17 m (26 ft. 10 in.)	8.08 m (26 ft. 6 in.)	8.08 m (26 ft. 6 in.)	8.17 m (26 ft. 10 in.)
G Height to Hinge Pin, Fully Raised	4.13 m (13 ft. 7 in.)	4.13 m (13 ft. 7 in.)	4.13 m (13 ft. 7 in.)	4.13 m (13 ft. 7 in.)	4.13 m (13 ft. 7 in.)	4.13 m (13 ft. 7 in.)	4.13 m (13 ft. 7 in.)	4.13 m (13 ft. 7 in.)	4.13 m (13 ft. 7 in.)
H Dump Clearance, 45 deg., Full Height	2.98 m (9 ft. 9 in.)	2.98 m (9 ft. 9 in.)	2.92 m (9 ft. 7 in.)	2.98 m (9 ft. 9 in.)	2.98 m (9 ft. 9 in.)	2.92 m (9 ft. 7 in.)	2.98 m (9 ft. 9 in.)	2.98 m (9 ft. 9 in.)	2.92 m (9 ft. 7 in.)
I Reach, 45-deg. Dump, Full Height	1.01 m (3 ft. 4 in.)	1.01 m (3 ft. 4 in.)	1.06 m (3 ft. 6 in.)	1.01 m (3 ft. 4 in.)	1.01 m (3 ft. 4 in.)	1.06 m (3 ft. 6 in.)	1.01 m (3 ft. 4 in.)	1.01 m (3 ft. 4 in.)	1.06 m (3 ft. 6 in.)
J Reach, 45-deg. Dump, 2.13-m (7 ft. 0 in.) Clearance	1.63 m (5 ft. 4 in.)	1.63 m (5 ft. 4 in.)	1.65 m (5 ft. 5 in.)	1.63 m (5 ft. 4 in.)	1.63 m (5 ft. 4 in.)	1.65 m (5 ft. 5 in.)	1.63 m (5 ft. 4 in.)	1.63 m (5 ft. 4 in.)	1.65 m (5 ft. 5 in.)
K Maximum Digging Depth	99 mm (3.9 in.)	99 mm (3.9 in.)	108 mm (4.3 in.)	99 mm (3.9 in.)	99 mm (3.9 in.)	108 mm (4.3 in.)	99 mm (3.9 in.)	99 mm (3.9 in.)	108 mm (4.3 in.)
L Maximum Rollback at Ground Level	40.5 deg.	40.5 deg.	40.5 deg.	40.5 deg.	40.5 deg.	40.5 deg.	40.5 deg.	40.5 deg.	40.5 deg.
M Maximum Rollback, Boom Fully Raised	55.0 deg.	55.0 deg.	55.0 deg.	55.0 deg.	55.0 deg.	55.0 deg.	55.0 deg.	55.0 deg.	55.0 deg.
N Maximum Bucket Dump Angle, Fully Raised	50.0 deg.	50.0 deg.	50.0 deg.	50.0 deg.	50.0 deg.	50.0 deg.	50.0 deg.	50.0 deg.	50.0 deg.
Loader Clearance Circle, Bucket Carry Position	13.05 m (42 ft. 10 in.)	13.05 m (42 ft. 10 in.)	13.21 m (43 ft. 4 in.)	13.05 m (42 ft. 10 in.)	13.05 m (42 ft. 10 in.)	13.21 m (43 ft. 4 in.)	13.05 m (42 ft. 10 in.)	13.05 m (42 ft. 10 in.)	13.21 m (43 ft. 4 in.)
Specifications With Bucket With Bolt-On Edge									
Capacity, Heaped	3.25 m ³ (4.25 cu. yd.)	3.10 m ³ (4.00 cu. yd.)	3.20 m ³ (4.25 cu. yd.)	3.25 m ³ (4.25 cu. yd.)	3.10 m ³ (4.00 cu. yd.)	3.20 m ³ (4.25 cu. yd.)	3.25 m ³ (4.25 cu. yd.)	3.10 m ³ (4.00 cu. yd.)	3.20 m ³ (4.25 cu. yd.)
Capacity, Struck	2.80 m ³ (3.67 cu. yd.)	2.65 m ³ (3.50 cu. yd.)	2.80 m ³ (3.67 cu. yd.)	2.80 m ³ (3.67 cu. yd.)	2.65 m ³ (3.50 cu. yd.)	2.80 m ³ (3.67 cu. yd.)	2.80 m ³ (3.67 cu. yd.)	2.65 m ³ (3.50 cu. yd.)	2.80 m ³ (3.67 cu. yd.)
Bucket Weight With Bolt-On Cutting Edge	1517 kg (3,344 lb.)	1466 kg (3,232 lb.)	1736 kg (3,827 lb.)	1517 kg (3,344 lb.)	1466 kg (3,232 lb.)	1736 kg (3,827 lb.)	1517 kg (3,344 lb.)	1466 kg (3,232 lb.)	1736 kg (3,827 lb.)
Bucket Width	2.94 m (9 ft. 8 in.)	2.94 m (9 ft. 8 in.)	3.04 m (10 ft. 0 in.)	2.94 m (9 ft. 8 in.)	2.94 m (9 ft. 8 in.)	3.04 m (10 ft. 0 in.)	2.94 m (9 ft. 8 in.)	2.94 m (9 ft. 8 in.)	3.04 m (10 ft. 0 in.)
Breakout Force	14 424 kg (31,799 lb.)	14 462 kg (31,883 lb.)	13 502 kg (29,767 lb.)	14 424 kg (31,799 lb.)	14 462 kg (31,883 lb.)	13 502 kg (29,767 lb.)	14 424 kg (31,799 lb.)	14 462 kg (31,883 lb.)	13 502 kg (29,767 lb.)
Tipping Load, Straight, No Tire Deflection	14 136 kg (31,164 lb.)	14 194 kg (31,292 lb.)	13 742 kg (30,296 lb.)	14 136 kg (31,164 lb.)	14 194 kg (31,292 lb.)	13 742 kg (30,296 lb.)	14 136 kg (31,164 lb.)	14 194 kg (31,292 lb.)	13 742 kg (30,296 lb.)
Tipping Load, Straight, With Tire Deflection	13 290 kg (29,299 lb.)	13 356 kg (29,445 lb.)	12 924 kg (28,493 lb.)	13 290 kg (29,299 lb.)	13 356 kg (29,445 lb.)	12 924 kg (28,493 lb.)	13 290 kg (29,299 lb.)	13 356 kg (29,445 lb.)	12 924 kg (28,493 lb.)
Tipping Load, 40-deg. Full Turn, No Tire Deflection	12 222 kg (26,944 lb.)	12 278 kg (27,068 lb.)	11 849 kg (26,122 lb.)	12 222 kg (26,944 lb.)	12 278 kg (27,068 lb.)	11 849 kg (26,122 lb.)	12 222 kg (26,944 lb.)	12 278 kg (27,068 lb.)	11 849 kg (26,122 lb.)
Tipping Load, 40-deg. Full Turn, With Tire Deflection	11 157 kg (24,597 lb.)	11 220 kg (24,736 lb.)	10 818 kg (23,850 lb.)	11 157 kg (24,597 lb.)	11 220 kg (24,736 lb.)	10 818 kg (23,850 lb.)	11 157 kg (24,597 lb.)	11 220 kg (24,736 lb.)	10 818 kg (23,850 lb.)



Quote Summary

Prepared For:
TOOELE COUNTY ROAD DEPT.
47 SOUTH MAIN
555 W 900 S
TOOELE, UT 84074

Prepared By:
CODY WULFFENSTEIN
Honnen Equipment Co.
1380 S. Distribution Drive
Salt Lake City, UT 84104
Phone: 801-262-7441
Mobile: 307-258-0615
codywulffenstein@honnen.com

Quote Id: 27263146
Created On: 16 August 2022
Last Modified On: 28 September 2022
Expiration Date: 31 August 2022

Table with columns: Equipment Summary, Selling Price, Qty, Extended. Rows include JOHN DEERE 644 G WHEEL LOADER and John Deere Extended Warranty.

Summary table with columns: Quote Summary, Equipment Total, SubTotal, Total, Balance Due. Balance Due is highlighted in yellow.

APPROVED AS TO FORM:

Signature of James A. Welch, Tooele County Manager, dated 1/11/23.

Signature of Colin R. Winchester, Deputy Tooele County Attorney, dated 01/11/2023.

Salesperson : X _____

Accepted By : X _____



Tooele County Council Agenda Item Summary

Department Making Request:

Roads

Meeting Date:

1-3-2023

Mark Options That Apply:

Grant
1 time

Contract
1 yr. or less

Purchase

Exp date: _____

Grant
With County Match

Contract
More than 1 yr.

Exp date: _____

Budget Impact:

In Budget

Over Budget

Amount of Contract, Service, Grant: \$ 269,500

Item Title: Loader Purchase

Please answer the who? what? when? why?

The Roads department requested and was approved \$269,500 to purchase a 644 G Wheel Loader that is large enough to run the Vanway Linear Crusher. The Roads dept. received two quotes from State contract vendors. A third quote was requested from Komatsu and we did not receive a response.

The Caterpillar quote was \$252,678 and the John Deere quote was \$264,750. We are requesting to purchase the John Deere because the John Deere's connection is interchangeable with the existing forks, stinger extension and side cast shoulder attachment(s) we currently own making it more versatile with our existing equipment.

List who needs copies when approved: Jed Bell