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**Quote Summary****Prepared For:**

TOPEKA METROPOLITAN TRANSIT AUTHORITY  
201 N KANSAS AVE  
TOPEKA, KS 66603

**Prepared By:**

CHRIS CRUM  
Murphy Tractor & Equipment  
1621 Nw Gage Blvd  
Topeka, KS 66618  
Phone: 785-233-0556  
Mobile: 785-260-5206  
ccrum@murphytractor.com

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**Quote Id:** 25839584  
**Created On:** 29 December 2021  
**Last Modified On:** 29 December 2021  
**Expiration Date:** 31 December 2021

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**Equipment Summary**

2022 JOHN DEERE 324G SKID  
STEER  
John Deere Extended Warranty-24  
mo. Factory Warranty

**Qty****Extended**

1

1

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**Equipment Total****\$ 51,200.00**

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**Quote Summary**

Equipment Total	\$ 51,200.00
SubTotal	\$ 51,200.00
Total	\$ 51,200.00
<b>Balance Due</b>	<b>\$ 51,200.00</b>

Salesperson : X \_\_\_\_\_

Accepted By : X \_\_\_\_\_

# Selling Equipment

Quote Id: 25839584

Customer: TOPEKA METROPOLITAN TRANSIT AUTHORITY

## 2022 JOHN DEERE 324G SKID STEER

**Equipment Notes:** Estimated Delivery of Late April.**Hours:** 0**Stock Number:** 202449

Code	Description	Qty
00C2T	2022 JOHN DEERE CAB, STD HYD, EH, PP, TIER1+	1

### Standard Options - Per Unit

170K	JDLINK	1
0750	2SPEED,STANDARDFLOW, SELFLEVEL,CB/AC,POWERQUIK- TACH	1
0953	ISO SWITCHABLE CONTROLS & JOYSTICK PERF. PKG	1
1301	ENGINE TURBO 4TNV98CT 74HP	1
1501	ENGLISH OP MAN & DECALS	1
2440	12X16.5 12PR GALAXY HULK	1
4001	2" SEAT BELT W/SHOULDERSTRAP	1
6006	AIR RIDE SEAT (CLOTH W HEAT)	1
8050	COLD START PACKAGE 110V	1
8342	RADIO AM/FM W/BLUETOOTH	1
8370	HD REAR GRILLE	1
8380	FOOTREST WITH FLOORMAT	1
9041	72 IN CONST BKT W/EDGE	1
9999	REAR CAMERA	1

### Dealer Attachments

AT348835	Counterweight, Stackable (Single Set)	3
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### Service Agreements

John Deere Extended Warranty - 24  
mo. Factory Warranty

November 22, 2021

**Request for Bids TO-22-07**

**Skid Steer Loader**

Topeka Metropolitan Transit Authority (Metro) is requesting bids from qualified firms to provide a new skid steer loader. This is a one-time vehicle purchase; Metro will issue a purchase order for the vehicle upon contract award.

Metro currently rents a skid steer loader for parking lot repairs and snow removal during the winter months. Metro would like to purchase a skid steer loader to have one on-hand for these jobs as well as any other projects it would be useful for.

**Required Specifications**

The skid steer loader must meet, exceed, or have the following specifications or features:

- Non-DPF Engine with at least 74 horsepower;
- 2-Speed
- Lift Capacity of at least 2900 pounds;
- Backup Camera;
- Joystick Control;
- Enclosed Cab.

These specifications do not include a full and complete description of all required dimensions, materials, and services. These specifications are only provided for the parameters that Metro considers pertinent to achieving the overall goals and objectives of our skid steer loader.

**Delivery**

Prior to delivery, the vehicle shall be inspected and serviced by the dealer and/or manufacturer. A pre-delivery checklist must be completed and signed by a qualified/authorized representative of the organization performing the inspection service. The checklist must be delivered with the vehicle, along with warranty statements.

**General Instructions**

Bids must be submitted in the following format:

- 1) Cover letter signed by the individual authorized to commit the firm to perform the contract requirements, with that person's contact information;
- 2) Brief description of your understanding of and ability to fulfill the contract requirements;
- 3) Warranty information, including manufacturer's and extended;
- 4) Provide your experience, including how long you have been in business;
- 5) At least three references with current contact information, for which you are providing the same services and/or equipment as specified in this RFB;
- 6) The completed forms and certifications on pages 7-12; and,
- 7) A full list of specifications and information for the vehicle proposed.

In order to be considered for contract award, your bid must be received in the Metro office by **1:00pm on Thursday, December 30, 2021.** Bids received after the deadline will not be considered.

Following are the evaluation criteria, listed by degree of importance. A criterion may have multiple elements with varying degrees of importance.

Vehicle Specifications  
Price

The cover sheet, price quote forms and the certifications on pages 7-12 are part of your bid and must be completed by all bidders. Bids that do not include the completed price quotes and fully-executed certifications may not be considered. The successful bidder will be required to follow the contract clauses on pages 3-6.

The contract will be awarded to the qualified proposer with the lowest bid price. If only one bid is received, Topeka Metro will require the cooperation of the single bidder in order to perform a Cost Analysis of the bid.

Metro reserves the right to accept any bid or any part or parts thereof. Metro reserves the right to reject any or all bids and to waive irregularities therein, and all proposers must agree that such rejection shall be without liability on the part of Metro for any penalty brought by a proposer because of such rejections, nor shall the proposer seek any recourse of any kind against Metro because of such rejections, and the filing of any bid in response to this solicitation shall constitute an agreement of the proposer to these conditions.

No advantage shall be taken by the contractor or any subcontractor in fulfilling the terms of this project due to omission of specifications by Metro.

Topeka Metro's current DBE goal is 1.62%. There is no DBE goal for this contract. If your firm is a DBE, or if you will be sub-contracting with a DBE, please attach a copy of the current DBE certificate.

Upon contract award, all proposals will be public record and posted to Metro's website. Metro recommends that proposers exclude any trade secret, proprietary or confidential information from their proposals.

Topeka Metro is a direct deposit payor. The successful bidder will be required to fill out a W-9 Form and the Topeka Metro Electronic Payment/ACH Authorization Form.

If you have any questions concerning this RFB, or if you need clarification or additional information, please contact Richard Appelhanz. Bids should be submitted electronically. If submitting bids on paper, please provide three copies. Bids are to be sent to:

Topeka Metropolitan Transit Authority  
Attn: Richard Appelhanz  
201 North Kansas Avenue  
Topeka, KS 66603  
785-730-8621 [rappelhanz@topekametro.org](mailto:rappelhanz@topekametro.org)

Questions must be received by Topeka Metro by Friday, December 17, 2021.



The preceding specifications and the following clauses and certifications will be part of the contract.

#### 1.0 ACCESS TO RECORDS

The Contractor agrees to provide Metro, the FTA Administrator, the Comptroller General of the United States or any of their authorized representatives access to any books, documents, papers and records of the Contractor which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts and transcriptions. Contractor also agrees, pursuant to 49 CFR 633.15 to provide the FTA Administrator or his authorized representatives including any PMO Contractor access to Contractor's records and construction sites pertaining to a major capital project, defined at 49 USC 5302 and 49 CFR 633.5, which is receiving federal financial assistance through the programs described at 49 USC 5307, 5309 or 5311. The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed. The Contractor agrees to maintain all books, records, accounts and reports required under this contract for a period of not less than three years after the date of termination or expiration of this contract, except in the event of litigation or settlement of claims arising from the performance of this contract, in which case Contractor agrees to maintain same until Metro, the FTA Administrator, the Comptroller General, or any of their duly authorized representatives, have disposed of all such litigation, appeals, claims or exceptions related thereto. Reference 2 CFR 200.333 and 2 CFR 200.336. FTA does not require the inclusion of these requirements in subcontracts.

#### 2.0 ASSIGNMENT AND DELEGATION

Contractor shall neither delegate any duties or obligations under this contract, nor assign, transfer, convey, sublet, subcontract or otherwise dispose of the contract or its right, duty, title or interest in or to the same, or any part thereof, without previous written consent of Metro.

#### 3.0 CIVIL RIGHTS

- 3.1 Nondiscrimination – In accordance with Title VI of the Civil Rights Act, as amended, 42 USC 2000d, Section 303 of the Age Discrimination Act of 1975, as amended, 42 USC 6102, Section 202 of the Americans with Disabilities Act of 1990, 42 USC 12132, and Federal transit law at 49 USC 5332, the contractor agrees that it will not discriminate against any employee or applicant for employment because of race, color, creed, national origin, sex, age, or disability. In addition, the contractor agrees to comply with applicable Federal implementing regulations and other implementing requirements FTA may issue.
- 3.2 Equal Employment Opportunity – The following equal employment opportunity requirements apply to the underlying contract:
  - 3.2.1 Race, Color, Creed, National Origin, Sex – In accordance with Title VII of the Civil Rights Act, as amended, 42 USC 2000e, and Federal transit law at 49 USC 5332, the contractor agrees to comply with all applicable equal employment opportunity requirements of US Department of Labor (USDOL) regulations, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," 41 CFR Parts 60 et seq., and with any applicable Federal statutes, executive orders, regulations, and Federal policies that may in the future affect activities undertaken in the course of the project. The contractor agrees to take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, creed, national origin, sex, or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. In addition, the contractor agrees to comply with any implementing requirements FTA may issue.
  - 3.2.2 Age – In accordance with Section 4 of the Age Discrimination in Employment Act of 1967, as amended, 29 USC 623 and Federal transit law at 49 USC 5332, the Contractor agrees to refrain from discrimination against present and prospective employees for reason of age. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.
  - 3.2.3 Disabilities – In accordance with Section 102 of the Americans with Disabilities Act, as amended, 42 USC 12112, the Contractor agrees that it will comply with the requirements of the US Equal Employment Opportunity Commission, "Regulations to Implement the Equal Employment Provisions of the Americans with Disabilities Act," 29 CFR Part 1630, pertaining to employment of persons with disabilities. In addition, the contractor agrees to comply with any implementing requirements FTA may issue.
- 3.3 The contractor also agrees to include these requirements in each subcontract financed in whole or in part with Federal assistance provided by FTA, modified only if necessary to identify the affected parties.
- 3.4 If the contract involves federal funds, the provisions of this subsection do not apply. If the contract does not involve federal funds, and if contractor's contracts with Topeka Metro for the current fiscal year cumulatively total more than \$5,000 and the contractor has four or more employees during the term of this contract, the contractor also agrees to observe the provisions of the Kansas Act Against Discrimination and the Kansas Age Discrimination in Employment Act and shall not discriminate against any person in the performance of work under this contract because of race, religion, color, sex, disability, national origin or ancestry. In all solicitations or advertisements for employees, the contractor shall include the phrase, "equal opportunity employer," or a similar phrase to be approved by Topeka Metro. If the contractor fails to comply with the reporting or other requirements of the Kansas Human Rights Commission under K.S.A. 44-1031 or K.S.A. 44-1116, and amendments thereto, the contractor shall be deemed to have breached this contract and it may be canceled, terminated or suspended, in whole or in part, by Topeka Metro. If contractor is found guilty of a violation of the Kansas Act Against Discrimination or the Kansas Age Discrimination in Employment Act under a decision or order of the Kansas Human Rights Commission which has become final,

the contractor shall be deemed to have breached the present contract and it may be canceled, terminated or suspended, in whole or in part, by Topeka Metro. Contractor agrees to include the binding provisions of this subsection in every subcontract or purchase order so that such provisions will be binding upon such subcontractor or vendor.

#### 4.0 COMPLIANCE WITH LOCAL, STATE AND FEDERAL LAWS

Contractor shall at all times be solely responsible for complying with all applicable local, state and federal laws, ordinances and regulations in connection with the performance of this contract.

#### 5.0 CONFIDENTIALITY

Between the date and time that proposals are due, until award of the contract by Metro, no information will be released which may have an adverse impact upon the negotiations or selection process. No information will be shared about the distinguishing characteristics or deficient characteristics of any proposal. All documents received by Metro are subject to the Kansas Open Records Act, KSA 45-215, et seq., and the Freedom of Information Act, 5 USC 552.

#### 6.0 CONFLICT OF INTEREST

No director or employee of Topeka Metropolitan Transit Authority, during his/her tenure or within one year thereafter, shall have any interest, direct or indirect, in this contract or the proceeds thereof.

#### 7.0 CONTRACT CHANGES

Any proposed change to this contract shall be submitted to Metro in writing for approval. No change in this contract shall be made unless Metro gives prior written approval. Contractor shall be liable for all costs, damages and/or liabilities, and for proper corrections, resulting from any specification change not properly approved in writing by Metro. Changes that have not been approved by Metro shall place Contractor in default of the contract.

#### 8.0 DISADVANTAGED BUSINESS ENTERPRISE (DBE)

- 8.1 This contract is subject to the requirements of 49 CFR Part 26, *Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs*. The national goal for participation of Disadvantaged Business Enterprises (DBE) is 10%. Metro's overall 2019-2021 goal for DBE participation is 2.00%; the race neutral goal is 1.12%, and the race conscious goal is 0.88%. There is no contract goal for this procurement.
- 8.2 The contractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of this DOT-assisted contract. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as Metro deems appropriate. Each subcontract the contractor signs with a subcontractor must include the assurance in this paragraph (see 49 CFR 26.13(b)).
- 8.3 The contractor is required to pay its subcontractors performing work related to this contract for satisfactory performance of that work no later than 30 days after the contractor's receipt of payment for that work from Metro.
- 8.4 The contractor may not hold retainage from its subcontractors.
- 8.5 The contractor must promptly notify Metro, whenever a DBE subcontractor performing work related to this contract is terminated or fails to complete its work, and must make good faith efforts to engage another DBE subcontractor to perform at least the same amount of work. The contractor may not terminate any DBE subcontractor and perform that work through its own forces or those of an affiliate without prior written consent of Metro.

#### 9.0 ENERGY CONSERVATION

The contractor agrees to comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act.

#### 10.0 EXCLUSIONARY OR DISCRIMINATORY SPECIFICATIONS

Metro will comply with the requirements of 49 USC 5323(h)(2) by refraining from using any Federal assistance awarded by FTA to support procurements using exclusionary or discriminatory specifications.

#### 11.0 FEDERAL CHANGES

The contractor shall at all times comply with all applicable FTA regulations, policies, procedures and directives, including without limitation those listed directly or by reference in the Master Agreement between Metro and FTA, as they may be amended or promulgated from time to time during the term of this contract. Contractor's failure to so comply shall constitute a material breach of this contract.





## 12.0 INCORPORATION OF FTA TERMS

These contract provisions include, in part, certain Standard Terms and Conditions required by USDOT, whether or not expressly set forth in the included contract provisions. All contractual provisions required by USDOT, as set forth in the current version of FTA Circular C 4220.1, are hereby incorporated by reference. Anything to the contrary herein notwithstanding, all FTA mandated terms shall be deemed to control in the event of a conflict with other provisions contained in this Agreement. The contractor shall not perform any act, fail to perform any act, or refuse to comply with any Metro requests which would cause Metro to be in violation of the FTA terms and conditions.

## 13.0 INDEMNIFICATION

Contractor shall be responsible for and indemnify, defend and hold harmless Metro, its directors and employees from all demands, claims, suits and settlements for loss of or damages to property, or personal injuries, including death to persons, and from all judgments recovered, and from all expenses incurred in defending or settling said claims or suits, or enforcing this provision, including court costs and attorney fees and other expenses arising out of the errors, omissions or negligent acts of the Contractor, its employees, or agents in connection with the goods and/or services provided under this contract.

## 14.0 INSURANCE

Contractor shall maintain for the duration of the contract such insurance as will protect it and Metro from all claims, including Workers' Compensation, and will hold Metro harmless from, and indemnify Metro for, all claims and damages which may arise out of or result from the Contractor's operations under this contract, whether such operations are by Contractor, by a subcontractor, by anyone directly or indirectly employed by them, or by anyone for whose acts any of them may be liable. Contractor will submit certificates or other proof of insurance to Metro, naming Metro as an additional insured, upon notification of contract award.

## 15.0 INTEREST OF CONGRESS

No member of or delegate to the Congress of the United States of America shall be admitted to any share or part of this contract or to any benefit arising therefrom.

## 16.0 LEGAL MATTER NOTIFICATION

Contractor agrees to notify Metro if a current or prospective legal matter emerges while this contract is in effect that may affect the Federal Government. Contractor also agrees to include this requirement in all subcontracts issued pursuant to this contract.

## 17.0 LOBBYING

Contractors who apply or bid for an award of \$100,000 or more shall file the certification required by 49 CFR 20.110, "New Restrictions on Lobbying." Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a Member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 USC 1352. Each tier shall also disclose the name of any registrant under the Lobbying Disclosure Act of 1995 who has made lobbying contacts on its behalf with non-Federal funds with respect to that Federal contract, grant or award covered by 31 USC 1352. Such disclosures are forwarded from tier to tier, up to Metro.

## 18.0 NO FEDERAL GOVERNMENT OBLIGATION TO THIRD PARTIES

Metro and the contractor acknowledge and agree that, notwithstanding any concurrence by the Federal Government in or approval of the solicitation or award of this contract, absent the express written consent by the Federal Government, the Federal Government is not a party to this contract and shall not be subject to any obligations or liabilities to Metro, the contractor, or any other party (whether or not a party to this contract) pertaining to any matter resulting from this contract. The contractor agrees to include the above clause in each subcontract financed in whole or in part with Federal assistance provided by FTA. It is further agreed that this clause shall not be modified, except to identify the subcontractor who will be subject to its provision.

## 19.0 PATENT INFRINGEMENT

Contractor agrees that it will, at its own expense, defend all suits and all proceedings instituted against Metro, if such suits and proceedings are based on any claim that the materials or equipment provided by Contractor, or any part thereof, or any tool, article or process used in the manufacture thereof, constitutes an infringement of any patent. Metro will give Contractor prompt notice in writing of any suit or proceeding, and will give Contractor all needed information, assistance and authority to enable Contractor, through its legal counsel, to defend the same.

## 20.0 PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS

- 20.1 The contractor acknowledges that the provisions of the Program Fraud Civil Remedies Act of 1986, as amended, 31 USC 3801, et seq. and US DOT regulations, "Program Fraud Civil Remedies," 49 CFR Part 31, apply to its actions pertaining to this project.

Upon execution of this contract, the contractor certifies or affirms the truthfulness and accuracy of any statement it has made, it makes, it may make, or causes to be made, pertaining to this contract or the FTA assisted project for which this contract work is being performed. In addition to other penalties that may be applicable, the contractor further acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification, the Federal Government reserves the right to impose the penalties of the Program Fraud Civil Remedies Act of 1986 on the contractor to the extent the Federal Government deems appropriate.

- 20.2 The contractor also acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification to the Federal Government under a contract connected with a project that is financed in whole or in part with Federal assistance originally awarded by FTA under the authority of 49 USC 5307, the Government reserves the right to impose the penalties of 18 USC 1001 and 49 USC 5307 on the contractor, to the extent the Federal Government deems appropriate.
- 20.3 The contractor agrees to include the above two clauses in each subcontract financed in whole or in part with Federal assistance provided by FTA. It is further agreed that the clauses shall not be modified, except to identify the subcontractor who will be subject to the provisions.

#### 21.0 RECYCLED PRODUCTS

The contractor agrees to comply with all of the requirements of Section 6002 of the Resource Conservation and Recovery Act (RCRA), as amended (42 USC 6962), including but not limited to the regulatory provisions of 40 CFR Part 247, and Executive Order 12873, as they apply to the procurement of the items designated in Subpart B of 40 CFR Part 247.

#### 22.0 SUSPENSION AND DEBARMENT

In accordance with 2 CFR Parts 180 and 1200, the contractor is required to verify that none of its principals or affiliates: 1) is included on the federal government's suspended and debarred list; 2) is proposed for debarment, declared ineligible, voluntarily excluded or disqualified; 3) within three years preceding this proposal, has not been convicted of or had a civil judgment rendered against them for (a) commission of fraud or criminal offense pertaining to performing a public transaction, (b) violation of any federal or state antitrust statute, or (c) embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property; 4) is indicted or charged by a governmental entity for any of the charges in 3) above; and 5) has had any public transaction terminated for cause or default within three years preceding this proposal. The contractor is required to include this requirement in any subcontracts related to this contract. By signing and submitting its proposal, the proposer certifies that the certification in this clause is a material representation of fact relied upon by Metro. If it is later determined that the proposer knowingly rendered an erroneous certification, in addition to remedies available to Metro, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment. The proposer agrees to verify that none of its principals or affiliates is included on the federal government's suspended and debarred list at any time throughout the period of this contract. The proposer further agrees to include a provision requiring the same compliance in its subcontracts related to this contract.

#### 23.0 TERMINATION

Termination for Convenience – Metro may terminate this contract, in whole or in part, at any time by written notice to the contractor when it is in the Metro's best interest. The contractor shall be paid its costs, including contract close-out costs, and profit on work performed up to the time of termination. The contractor shall promptly submit its termination claim to Metro to be paid to the contractor. If the contractor has any property in its possession belonging to Metro, the contractor will account for the same, and dispose of it in the manner Metro directs.

Termination for Default – If the contractor does not deliver supplies in accordance with the contract delivery schedule, or, if the contract is for services, the contractor fails to perform in the manner called for in the contract, or if the contractor fails to comply with any other provisions of the contract, Metro may terminate this contract for default. Termination shall be effected by serving a Notice of Termination on the contractor setting forth the manner in which the contractor is in default. The contractor will only be paid the contract price for supplies delivered and accepted, or services performed in accordance with the manner of performance set forth in the contract. If it is later determined by Metro that the contractor had an excusable reason for not performing, such as a strike, fire, or flood, events which are not the fault of or are beyond the control of the contractor, Metro, after setting up a new delivery of performance schedule, may allow the contractor to continue work, or treat the termination as a termination for convenience.

Opportunity to Cure – Metro in its sole discretion may, in the case of a termination for breach or default, allow the contractor ten (10) days in which to cure the defect. In such case, the notice of termination will state the time period in which cure is permitted and other appropriate conditions. If contractor fails to remedy to Metro's satisfaction the breach or default of any of the terms, covenants, or conditions of this contract within ten (10) days after receipt by contractor of written notice from Metro setting forth the nature of said breach or default, Metro shall have the right to terminate the contract without any further obligation to the contractor. Any such termination for default shall not in any way operate to preclude Metro from also pursuing all available remedies against contractor and its sureties for said breach or default.

Waiver of Remedies for Any Breach – In the event that Metro elects to waive its remedies for any breach by contractor of any covenant, term or condition of this contract, such waiver by Metro shall not limit Metro's remedies for any succeeding breach of that or of any other term, covenant, or condition of this contract.

Termination for Default – If the contractor fails to deliver supplies or to perform the services within the time specified in this contract or any extension or if the contractor fails to comply with any other provisions of this contract, Metro may terminate this contract for default. Metro shall terminate by delivering to the contractor a Notice of Termination specifying the nature of the default. The contractor will only be paid the contract price for supplies delivered and accepted, or services performed in accordance with the manner of performance set forth in this contract. If, after termination for failure to fulfill contract obligations, it is determined that the contractor was not in default, the rights and obligations of the parties shall be the same as if the termination had been issued for the convenience of Metro.



COVER PAGE

Proposer Information

Company Name

Murphy Tractor & Equipment Co.

Address

1621 NW Gage Blvd

City, State, Zip

Topeka, KS 66618

Main Phone

785-233-0556

Contact Person Information

Name

Chris Crum

Job Title

Territory Sales Manager

Phone

785-260-5206

Alt. Phone

785-233-0556

Email

ccrum@murphytractor.com

Signature



Date:

12-29-21



**PRICE QUOTE**

Year, Make & Model of Vehicle 2022 John Deere 324G

Mileage 0

Invoice Price (includes all charges, delivery, fees) \$ 51,200

List all additional costs below.

Any cost other than those listed on this price quote will not be paid.

1. \_\_\_\_\_ \$ 0

2. \_\_\_\_\_ \$ 0

3. \_\_\_\_\_ \$ 0

4. \_\_\_\_\_ \$ 0

**Total Price of Vehicle Plus Additional Costs** \$ 51,200

**Metro is tax exempt – do not include sales tax in your price quote.**

**Warranty Information**

Basic 24 months 2,000 hrs. miles

Powertrain \_\_\_\_\_ months \_\_\_\_\_ miles

Other (list type and term)

Extended warranty is optional \_\_\_\_\_ months \_\_\_\_\_ miles

and priced separately. \_\_\_\_\_ months \_\_\_\_\_ miles

\_\_\_\_\_ months \_\_\_\_\_ miles

**DISADVANTAGED BUSINESS ENTERPRISES (DBE) CERTIFICATION**

This contract is subject to the requirements of Title 49, Code of Federal Regulations, Part 26, *Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs*. The national goal for participation of Disadvantaged Business Enterprises (DBE) is 10%. Metro's overall 2019-2021 goal for DBE participation is 2.00%; the race neutral goal is 1.12%, and the race conscious goal is 0.88%. There is no contract goal for this procurement.

The contractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of this DOT-assisted contract. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as Metro deems appropriate. Each subcontract the contractor signs with a subcontractor must include the assurance in this paragraph (see 49 CFR 26.13(b)).

The contractor is required to pay its subcontractors performing work related to this contract for satisfactory performance of that work no later than 30 days after the contractor's receipt of payment for that work from Metro.

The contractor may not hold retainage from its subcontractors.

The contractor must promptly notify Metro, whenever a DBE subcontractor performing work related to this contract is terminated or fails to complete its work, and must make good faith efforts to engage another DBE subcontractor to perform at least the same amount of work. The contractor may not terminate any DBE subcontractor and perform that work through its own forces or those of an affiliate without prior written consent of Metro.

Signature: \_\_\_\_\_



Name and Title: \_\_\_\_\_

*Richard Smith Branch Manager*

Company Name: \_\_\_\_\_

*Murphy Tractor & Equipment*

Date: \_\_\_\_\_

*12/29/21*

### LOBBYING CERTIFICATION

The undersigned contractor certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for making lobbying contacts to an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan or cooperative agreement, the undersigned shall complete and submit Standard Form LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions. See 49 CFR 20.100.

(3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 USC. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure. [Note: Pursuant to 31 USC 1352(c)(1)-(2)(A), any person who makes a prohibited expenditure or fails to file or amend a required certification or disclosure form shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such expenditure or failure. See 49 CFR 20.400.]

The undersigned contractor certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 USC 3801, et seq, apply to this certification and disclosure, if any.

Signature: 

Name and Title: Richard Smith Branch Manager

Company Name: Murphy Tractor & Equipment

Date: 12/29/21

NON-COLLUSION CERTIFICATION

This is my sworn statement to certify that this proposal was not made in the interest of or on behalf of any undisclosed entity. This proposal is not collusive.

This proposer has not been a party to any agreement or collusion in restraint of freedom of competition by agreement to bid a fixed price, to refrain from bidding, or otherwise. This proposer has not, directly or indirectly, by agreement, communication or conference with anyone, attempted to induce action prejudicial to the interest of Topeka Metropolitan Transit Authority, or of any proposer, or anyone else interested in the proposed contract.

Signature:



Name and Title:

Richard Smith Branch Manager

Company Name:

Murphy Tractor & Equipment

Date:

12/29/21



**SUSPENSION / DEBARMENT CERTIFICATION**

**In regard to 2 CFR Parts 180 and 1200**

In accordance with 2 CFR Parts 180 and 1200, the contractor is required to verify that none of its principals or affiliates:

- 1) is included on the federal government's suspended and debarred list;
- 2) is proposed for debarment, declared ineligible, voluntarily excluded or disqualified;
- 3) within three years preceding this proposal, has been convicted of or had a civil judgment rendered against them for (a) commission of fraud or criminal offense pertaining to performing a public transaction, (b) violation of any federal or state antitrust statute, or (c) embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;
- 4) is indicted or charged by a governmental entity for any of the charges in 3) above; and
- 5) has had any public transaction terminated for cause or default within three years preceding this proposal.

The contractor is required to include this requirement in any subcontracts related to this contract.

By signing and submitting its proposal, the proposer certifies that the certification in this clause is a material representation of fact relied upon by Metro. If it is later determined that the proposer knowingly rendered an erroneous certification, in addition to remedies available to Metro, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment. The proposer agrees to verify that none of its principals or affiliates is included on the federal government's suspended and debarred list at any time throughout the period of this contract. The proposer further agrees to include a provision requiring the same compliance in its subcontracts related to this contract.

Signature: \_\_\_\_\_

*Richard Smith*

Name and Title: \_\_\_\_\_

*Richard Smith Branch Manager*

Company Name: \_\_\_\_\_

*Murphy Tractor & Equipment*

Date: \_\_\_\_\_

*12/29/21*



## STANDARD WARRANTY FOR NEW JOHN DEERE CONSTRUCTION, UTILITY, CCE AND FORESTRY PRODUCTS – US & Canada

- **Construction, Forestry & Compact Construction Equipment (CCE) Products\***: 12 months Full Machine Standard Warranty
- **\* Compact Construction Equipment Products** Delivered and settled on or after 01 June 2018: 24 months or 2000 hours (whichever comes first) Full Machine Standard Warranty
- **C&E Series Pull-Type Scrapers**: 6 months Full Machine Standard Warranty
- **DC & DE Series Pull-Type Scrapers**: 12 months Full Machine Standard Warranty
- **Scraper Tractors**: 24 Months or 2000 Hours (whichever occurs first) Full Machine Standard Warranty
- **Forestry Attachments**: 12 Months or 2000 Hours (whichever occurs first) Full Machine Standard Warranty
- **Frontier Equipment**: 6 months Full Machine Standard Warranty (90 days in rental applications)

The "Standard Warranty" is part of the warranty protection package available from John Deere Construction & Forestry Company (John Deere Limited in Canada) ("John Deere") to purchasers of new John Deere products ("product"):

**STANDARD Warranty** is John Deere's standard new product warranty, described in this document, provided at no additional charge to the purchaser.

**EXTENDED Warranty** is a separate repair contract made available by John Deere for purchasers who wish to complement their Standard Warranty coverage. Complete Extended Warranty details, including coverage options and limitations, are set forth in the Application for Extended Warranty, which is available from authorized John Deere dealers.

**STRUCTURAL Warranty** applies to certain structural components as listed below and as described in this document.

**FACTORY-INSTALLED UNDERCARRIAGE Warranty** applies to certain undercarriage components as listed below and as described in this document.

### A. STANDARD WARRANTY - GENERAL PROVISIONS

John Deere will repair or replace, at its option, any parts (except those specified below) of a new John Deere product that, as delivered to the original retail purchaser(s), are defective in material or workmanship. Performance of this warranty will be free of charge for parts and labor/labour, except as otherwise stated below. Standard Warranty applies only to purchases from John Deere and authorized John Deere dealers and, except as otherwise provided in the next sentence and section L below, is extended only to the original retail purchaser of the product. Remaining Standard Warranty applicable to a used John Deere product is transferred to a subsequent purchaser of the product only if the subsequent purchaser requests a transfer from an authorized John Deere dealer before the product's Standard Warranty expires. Coverage begins on the date of delivery of the product to the original retail purchaser. For purposes of this warranty, a product that has been rented, used for demonstration purposes for 150 or more hours, or otherwise used prior to its original retail purchase has been "used" for the total duration of such use. Warranty statements required by law covering engine emissions-related parts and components are found on a separate written warranty certificate provided to the purchaser at the time of the original retail purchase.

### B. WHAT IS COVERED BY STANDARD WARRANTY -

All parts of a new John Deere product (except those noted in Sections D and E below) are covered during the Standard Warranty period set out above.

### C. EXCLUSIVE REMEDY -

The repair or replacement of covered parts or components that are defective, as provided in Sections A, B, D.2 and D.3 herein, shall be the purchaser's exclusive remedy for any defect in the product. However, if after repeated attempts such repair or replacement fails to correct the performance problem caused by the defect, the purchaser's sole remedy shall be a refund of the amount paid for the product (in exchange for a return of the product), excluding any transportation charges, license fees, taxes and insurance premiums, and less a reasonable allowance for use of the product prior to its return. In no event will the dealer, John Deere or any company affiliated with John Deere be liable for any incidental or consequential damages, including but not limited to loss of profits, rental of substitute equipment or other commercial loss. Correction of defects in the manner provided above shall constitute fulfillment of all liabilities of the Dealer, John Deere, or any company affiliated with John Deere to the purchaser or any other

person, whether based upon contract, tort, strict liability, or otherwise. This limitation does not apply to claims for personal injury.

#### D. ITEMS COVERED SEPARATELY -

1. Standard Warranty does not apply to batteries, radios, tires, cameras, or to Cummins, MTU or Detroit Diesel Engines installed in John Deere products, which are covered by separate written warranties.
2. Factory-Installed Undercarriage Warranty covers all non-rubberized factory-installed undercarriage wear components for 3 years or 4,000 hours from the date of delivery to the original retail purchaser, whichever occurs first (unless terminated earlier under Section F, below). For purposes of this warranty, a product that has been rented, used for demonstration purposes for 150 or more hours, or otherwise used prior to its original retail purchase has been "used" for the total duration of such use. In addition to the items listed in section E below, Factory-Installed Undercarriage Warranty does not cover: failures due to wear, machine application, maintenance practices, or improper machine configuration; removal and installation labor/labour; transportation or hauling costs; unapproved parts; non-wear items; and rubberized undercarriage components such as rubber tracks. Warranty claims will be pro-rated based upon wear of the failed component and whether track shoe width is approved by John Deere. Factory-Installed Undercarriage Warranty does not apply to Scraper Tractors.
3. StructurALL Warranty for new John Deere Products (except Compact Excavators & Loaders, Skid-Steer Loaders, Compact Track Loaders, Scraper Tractors, Pull-Type Scrapers, and Forestry Attachments, which are not eligible for StructurALL Warranty) begins at the date of delivery to the original retail purchaser and ends (unless terminated earlier under Section F, below) after three (3) years, or 10,000 hours (whichever occurs first). For purposes of this warranty, a product that has been rented, used for demonstration purposes for 150 or more hours, or otherwise used prior to its original retail purchase has been "used" for the total duration of such use. **StructurALL Warranty applies only to the following structural components listed below as installed on the product at the time of original manufacture.** If a particular component is not listed below it is not covered by StructurALL Warranty.

Arm; Articulation Joint (incl. pins & bushings); Bin Frame; Boom; Carbody; C-Frame\*; Circle Frame; Coupler (John Deere built ONLY); Dipperstick; Draft Frame; Engine Frame; Equipment Frame; Grapple Arch and Grapple Boom; Loader Arm; Loader Frame; Mainframe; Moldboard Lift Arm; NeverGrease™ Pin Joints [Includes steering pin and bushing joints (standard equipment), roller elements (roller bearings) in bucket to boom joints and sliding elements (bushing) for boom and linkage joints (optional equipment)]; Rollover Protection Structure (ROPS); Side Frame; Swing Frame; Track Frame; Undercarriage Frame; X-Frame; Z-bar loader linkage (including bell crank and bucket driver link); Specialty booms and arms marketed as "heavy duty" by John Deere.

*Items Covered by StructurALL for Cut-to-Length Forestry Machines:* Front frame (welded assembly); Rear frame (welded assembly); Crane king post with basement; Middle joint frame; Cabin swing frame; Main Boom

StructurALL Warranty does not apply to:

1. Any product used primarily in extreme duty or severe duty applications such as but not limited to: demolition and wrecking, chemical plant (including fertilizer plants), salt mines, steel mill, land fill and transfer stations, scrap handling, scarifying and other applications that are similarly destructive or similarly heavy duty except specialty booms and arms as stated in Section D.3 above.
2. C-Frames on H-Series & J-Series Crawlers equipped with root rakes or used in forestry applications unless equipped with an "extreme duty" reinforcement package.
3. Cut-to-Length Forestry Heads and Slash Bundler Units.
4. Crawlers equipped with optional side booms.
5. Cut-to-Length Forestry, Excavator, and Log Loader swing bearings.
6. Motor Graders equipped with front- or rear-mounted snow wings.

## **E. ITEMS NOT COVERED -**

John Deere is NOT responsible for the following:

1. Freight
2. Adjustments to compensate for wear, for periodic maintenance or adjustments that result from normal wear and tear.
3. Damage caused by unapproved adjustments (electronic or mechanical) to machine or machine components outside of published specifications including but not limited to engine, hydraulic components and relief valves.
4. Program updates, calibrations, and pressure adjustments.
5. Diagnostic Time
6. Additional Labor/Labour Time - Above SPG/Labor/Labour Rate
7. Additional Cleaning - Above SPG/Labor/Labour Rate
8. Rental Fees
9. Depreciation or damage caused by normal wear or application, lack of reasonable and proper maintenance, failure to follow operating instructions, misuse, negligence, collision or other accidents.
10. Premiums charged for Overtime Labor/Labour
11. Transportation to and from the dealership.
12. Travel time, mileage or service calls by the dealer.
13. Non-John Deere components or modifications, Rotobec grapples, and attachments installed aftermarket.
14. Shop supplies and maintenance items such as, but not limited to: filters, fuels, oil, hydraulic fluid, lubricants, coolants, conditioners, shop towels, cleaners and degreasers. Note: Reimbursement for refills of oils/coolants lost due to a warrantable failure is covered when a system failure occurs outside the boundaries of a normal oil change (within 25% of specified change interval as provided in the Operator's Manual).
15. Torn, cut, or worn hoses.
16. Wear items, such as, but not limited to: body liner, belts, blades, bulbs, lubricated joints (including pins and bushings), dry brakes, brake linings, dry clutch linings, saw blades, chains, skidder grapple shocks, color marking nozzles, and articulation bumpers.
17. Items such as cutting-edge parts, delimbing knives, bucket teeth and rubber track are not warranted for depreciation or damage caused by normal wear, lack of proper maintenance, misuse, failure to follow operating instructions, the elements or accident.
18. Any defect in a non-covered component, or damage to or failure of a covered component caused by a defect in a non-covered component.
19. Secondary damage which occurs from continued operation of a product after recognition of the occurrence of a failure.
20. Parts supplied or modifications done by third party suppliers.
21. Topping off fluids when fluid levels fall in the range between low and full
22. Parts/Kits not ordered on machine and installed aftermarket. These parts will be covered by any applicable parts warranty.
23. Attachments installed aftermarket – i.e. Winch not installed at factory.
24. Custom options installed outside the factory – i.e. G.R. Manufacturing option packages.
25. Used Products (except as otherwise provided in section L below).

## **F. TERMINATION OF WARRANTY-**

John Deere is relieved of its obligations under Standard Warranty, StructurALL Warranty, Factory-Installed Undercarriage Warranty and/or Extended Warranty if:

1. Service (other than normal maintenance and replacement of service items) is performed by someone other than an authorized John Deere dealer; or
2. The product is modified or altered in ways not approved by John Deere; or
3. Any unapproved or improperly sized attachment is installed on the product. Approval and attachment size shall be at John Deere's sole discretion. (Consult dealer prior to installing attachments or product modification).
4. The product is moved outside the US and/or Canada.

## **G. PARTS REPLACED UNDER WARRANTY -**

Only new or remanufactured parts or components furnished or approved by John Deere, will be used if John Deere elects to repair the product. If any such part or component is defective in material or workmanship when installed in the product, John Deere will repair or replace, as it elects, such defective part or component, provided the defect is

reported to an authorized John Deere dealer within 90 days of installation or before expiration of the applicable Standard Warranty, Factory-Installed Undercarriage Warranty and/or StructurALL Warranty whichever is later.

#### H. TELEMATICS

*NOTICE: Products may be equipped with telematics hardware and software ("Telematics") that transmit data to John Deere/ Dealer. Purchaser may deactivate Telematics at [www.jdlink.com](http://www.jdlink.com).*

Notwithstanding Purchaser's right, title or interest in the Products, Purchaser agrees that John Deere and Dealer (their affiliates, successors and assigns), without further notice to Purchaser have the right to:

1. Access, use, collect and disclose any data generated by, collected by, or stored in, Products or any hardware or devices interfacing with Products ("Machine Data");
2. Access Machine Data directly through data reporting devices integrated within, or attached to, Products, including Telematics ("Data Reporting Systems"); and
3. Update the Data Reporting Systems software from time to time. Machine Data will only be used in accordance with John Deere's Machine Data Policy, located at [www.JohnDeere.com/MachineDataPolicy](http://www.JohnDeere.com/MachineDataPolicy).

#### I. OBTAINING WARRANTY SERVICE -

To obtain warranty service, the purchaser must request warranty service from a John Deere dealer authorized to sell the product to be serviced. When making such a request, the purchaser must present evidence of the product's delivery date, make the product available at the dealer's place of business, and inform the dealer in what way the purchaser believes the product to be defective. Standard Warranty, Factory-Installed Undercarriage Warranty and/or StructurALL Warranty repairs may be made in the field if the purchaser and servicing dealer so desire. However, John Deere will not be responsible for any charges (such as dealer travel time, mileage or extra labor/labour) that would not have been incurred had the product been repaired at the dealer's place of business.

#### J. NO IMPLIED WARRANTY, CONDITIONS OR OTHER REPRESENTATION -

Where permitted by law, neither John Deere nor any company affiliated with it makes any warranties, representations, conditions or promises, express or implied, as to the quality, performance, or freedom from defect of its products, other than those set forth in this document and **NO IMPLIED WARRANTY OF MERCHANTABILITY, CONDITIONS OR FITNESS IS MADE.**

#### K. NO DEALER WARRANTY -

The selling dealer makes no warranty of its own on any item covered by this warranty, and makes no warranty on other items unless the dealer delivers to the purchaser a separate written warranty certificate specifically warranting the item. **The dealer has no authority to make any representation or promise on behalf of John Deere, or to modify the terms or limitations of this warranty in any way.**

#### L. USED JOHN DEERE PRODUCTS ONLY -

John Deere will transfer remaining Standard Warranty, Factory-Installed Undercarriage Warranty and/or StructurALL Warranty to the purchaser of a used John Deere construction and/or forestry product that has been used for less than the full warranty period provided at the product's original retail purchase. This transfer is not effective until change of ownership is registered by a John Deere dealer. **ALL THE TERMS, INCLUDING LIMITATIONS AND EXCLUSIONS, OF THE JOHN DEERE STANDARD WARRANTY, FACTORY-INSTALLED UNDERCARRIAGE WARRANTY, AND/OR STRUCTURALL WARRANTY ORIGINALLY PROVIDED FOR THE PRODUCT REMAIN IN EFFECT AND APPLICABLE.**



G-SERIES  
**SKID STEERS**



**JOHN DEERE**

320G / 324G / 330G / 332G



**WORK HARDER ...  
AND SMARTER**





***THE G-SERIES***

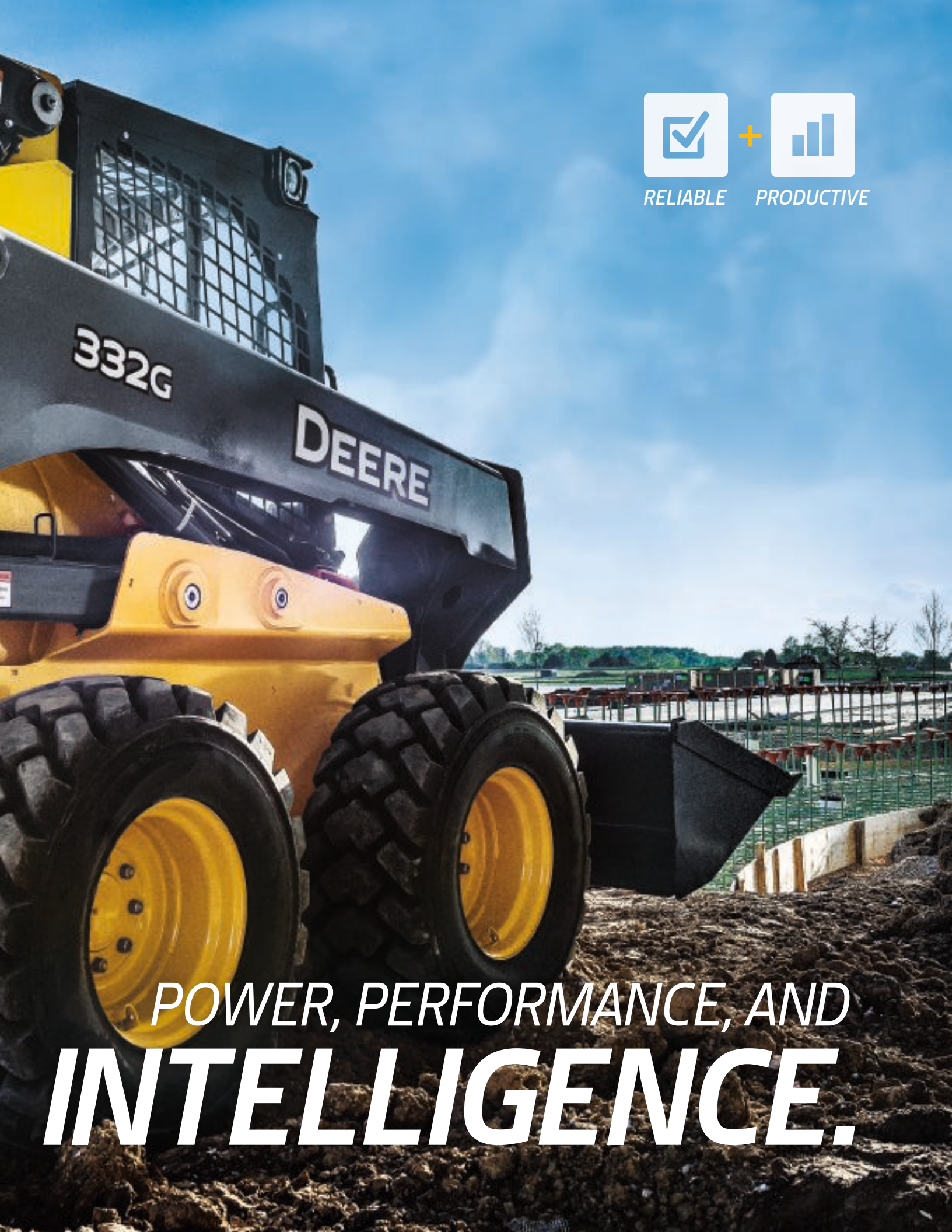




RELIABLE



PRODUCTIVE



*POWER, PERFORMANCE, AND*  
***INTELLIGENCE.***





## ***YOUR INPUT IS OUR INSPIRATION.***

You run 'em, so why wouldn't we pick your brain to learn what you need in a skid steer? As participants in our Customer Advocate Group, owners and operators like you helped point the way for the G-Series. Challenged and inspired by your thoughts and ideas, we went to work on these next-generation mid- and large-frame machines. We added more power under the hood and increased lift height, dump clearance, reach, stability, and breakout force. And we paid attention to the little things that are a big deal to our customers, like optional heated seat, side lighting, and rearview camera — for more productivity and uptime, at lower daily operating costs.



# GET YOUR SWAGGER ON

## TAKING IT ALL IN STRIDE.

Loaded with impressive specs and productivity-enhancing features, G-Series Skid Steers tackle the toughest tasks and come back for more.

### Unleash the beast

Extreme pushing power and bucket breakout forces deliver the tractive effort and leverage to carve out clay, handle heavy loads, and power through piles.

### Hydraulic boost

Increased auxiliary hydraulic flow and power compared to earlier models enable G-Series Skid Steers to make the most of an even broader range of attachments.

### Speed demons

Standard on the 330G and 332G (optional on the 320G and 324G), two-speed drivetrain delivers travel speeds up to 12 mph, for rapid work cycles.

### Generous power

Turbocharged diesels meet rigid emission standards, run smooth, and pack plenty of power and torque.

### Run longer

Fluid-efficient diesels and large tanks enable daylong operation. So you can get more done between fill-ups.

### EH boom performance package

Shorten cycle times and speed production in repetitive boom applications with the optional electrohydraulic (EH) boom performance package available on 330G and 332G models.



### 2-SPEED DRIVETRAIN

STANDARD ON THE 330G AND 332G,  
OPTIONAL ON THE 320G AND 324G







STANDOUT FEATURE

***DO MORE  
WITH ONE.***





# **STAND TALL**

## **EXTEND YOUR REACH.**

The refined vertical-lift loader design of these compact models rises higher and reaches farther than previous models, for quicker and easier loading. G-Series Skid Steers dish out substantially greater boom breakout force, too, so you accomplish more with just one skid steer. Plus they work more comfortably in tight quarters, and they're easy to trailer. Who says you can't have it all?

### **Dig in**

Increased breakout force over our previous models makes lifting heavy loads easier. Helps heap the bucket and keep big loads coming, too.

### **Carry more, and get it there**

Boom design keeps the load close to the machine for better stability. Low center of gravity, up to 35-degree bucket rollback, and optional ride control and self-leveling also help keep buckets heaped and forks fully loaded.

### **Heavy lifter**

Increased rated operating capacities of up to 3,600 pounds provide the muscle you need to master heavy loads.

### **Load warrior**

Height to hinge pin up to 11 feet enables these machines to easily load tandem-axle dump trucks, feed mixers, and fill hoppers. You'll also appreciate the additional reach to truck-bed height when handling pallets of pavers or other heavy materials.



**MASSIVE BUCKET  
BREAKOUT FORCES  
AND AUXILIARY FLOW**





## ***AT HOME IN THE CAB***

### ***COMFORTABLE AND EFFICIENT OPERATION.***

Spacious, comfortable cab is tightly sealed to keep out noise and dust. Available options include a four-season cab, Bluetooth® radio, and a heated seat.

#### **Heads-up operation**

Easy-to-read LCD monitor provides a wealth of machine data and control — including vital operating conditions and advanced diagnostics.

#### **Push-button convenience**

Optional sealed-switch module controls keyless start and anti-theft settings, plus fingertip activation of numerous machine functions including optional ride control and self-leveling.

#### **All-weather comfort**

Add a heated air-suspension seat to the heated and air-conditioned pressurized cab to enhance comfort all year.

#### **Light it up**

Excellent all-around visibility has been further enhanced with customer-inspired LED side-lighting and rearview-camera options.

#### **Get good grades**

Available on the 330G and 332G, optional onboard grade-indication provides a real-time readout of cross-slope (roll of the machine) and mainfall slope (pitch of the machine) on the in-cab monitor:

- Reference **absolute value**, or machine relationship to an absolute flat plane, to easily grade a flat pad.
- Access **relative value**, or machine relationship to the existing grade, to make a steeper existing grade.





## OPTIONAL 4-SEASON CAB FOR ALL-WEATHER PRODUCTIVITY



### Your controls, your way

Choose the control styles and performance features that best fit your needs:

- Electrohydraulic (EH) ISO-pattern joystick controls come standard on the 330G and 332G (optional on the 320G and 324G)
- Optional ISO-H switchable joystick controls and EH joystick performance package on all models\*
- Mechanical foot controls come standard on the 320G and 324G

- Optional EH 4-way switchable controls, including EH foot control, ISO joystick control, H-pattern joystick control, and ISO and foot controls on the 330G and 332G
- Optional ISO controls with programmable detents with the EH joystick performance package\* and the EH boom performance package on the 330G and 332G†

\*EH joystick performance package features switchable accelerator/decelerator, selectable propel speeds, creep control, boom- and bucket-speed settings, and 12-volt 3- and 14-pin attachment-control harness with dash-mounted 4th-function rocker switch.

†EH boom performance package features include EH bucket self-level up and down, return to dig, return to carry, and boom-height kick-out.





*MORE THAN*  
***TOUGH***  
***ENOUGH.***



# ***BANK ON THIS***

## ***HEAVY-DUTY UPTIME.***

Like the rest of the John Deere lineup, the G-Series is loaded with time- and money-saving features. When you know how they're built, you'll see how efficient they are.



### **Cool idea**

Unique V-plenum (320G and 324G) and Tri-Cool (330G and 332G) designs employ large coolers for impressive performance in severe, high-load conditions.

### **Heavy-duty drivetrains**

Oil-bathed final-drive chains withstand the daily grind and almost never need adjustment.

### **Hydraulics in boom**

Auxiliary hydraulic lines and wiring are routed through the boom where they're protected from damage.

### **Handy component access**

These skid steers share components such as engines with our CTLs and compact excavators, which streamlines the filters and fluids you need on hand when you run a Deere fleet.

# GET CONNECTED

## MULTIPURPOSE MULTITASKERS.

With over 100 models of available John Deere attachments, your G-Series Skid Steer can be configured for a wide variety of work.

### Work your connections

Universal Quik-Tatch™ enables you to go from bucket, to forks, to whatever, in just seconds, to accomplish more with one machine. Generous standard and optional high-flow auxiliary hydraulics let you effortlessly run powered attachments such as planetary augers, hydraulic hammers, and trenchers.

### Cleared for takeoff

A rugged root rake, rotary cutter, or mulching head can help tackle tough land-clearing tasks.

### Extra help on the farm

For hauling hay, cleaning pens, rebedding stalls, or any number of other agricultural chores, we've got bale huggers, bale spears, silage defacers, material/manure scrapers, grapples, forks, and buckets to get it done.

### Landscape tools

Landscape and nursery options include nursery forks, rotary tillers, planetary augers, pallet forks, power rakes, dozer blades, and roller levels, to name a few.

### Snow business

Equipped with a snow blade, blower, or pusher, G-Series Skid Steers make quick work of cleaning up when winter heads your way.

### Street-smarts

Perfect for concrete or asphalt flatwork, our angle brooms, cold planers, vibratory rollers, hydraulic hammers, and a wide range of buckets help you master roadwork.



### Choice is good

Choose from rock, multipurpose, construction, utility, tooth, grading-heel, and rollout buckets in varying widths and capacities. Extreme-duty 90-inch tooth, serrated, or smooth-edge bucket helps you maximize every cycle.





SET YOUR SITES ON  
**GETTING**  
**MORE DONE.**



---

# ***LET US SWEAT THE DETAILS***

***MAINTENANCE SIMPLIFIED.***



### **JDLink™ machine monitoring**

Optional JDLink provides machine data and health alerts to help you decrease costly downtime.

### **Up and away**

Tilt the hood up for convenient ground-level access to dipstick, fuel- and fluid-filler necks, and filters. Operator's station swings up and out of the way in less than five minutes for wide-open drivetrain access.

### **Cooler core cleanout**

Hinged hood and easy-to-remove side shields yield wide-open access to coolers, simplifying core cleanout. Fan option can be set to automatically reverse to clear core-clogging buildup.

### **Easy cab cleaning**

If you run a rental yard or are just a neat freak, you'll appreciate the convenient cab-footwell floor access that helps speed cleanout. Cab side windows also remove easily for cleaning.

### **Effortless service checks**

Conveniently positioned dipstick and filler necks feature color-coded handles and caps to simplify checks and additions. Handy access eases refills of both fuel and diesel exhaust fluid (DEF)\* tanks. See-through reservoirs and sight gauges reveal hydraulic oil and windshield washer fluid levels at a glance.

*\*330G and 332G only; DEF fluid not required on the 320G and 324G.*





# 320G / 324G SPECIFICATIONS

Engine	320G	324G
Manufacturer and Model	Yanmar 4TNV98C (optional 4TNV98CT)	Yanmar 4TNV98T Yanmar 4TNV98CT Yanmar 4TNV98T
Non-Road Emission Standard	EPA Final Tier 4/ EU Stage IV	EPA Interim Tier 4/ EU Stage IIIA EPA Final Tier 4/ EU Stage IV EPA Interim Tier 4/ EU Stage IIIA
Cylinders	4	4
Gross Rated Power (ISO 14396)	51.7 kW (69 hp) at 2,500 rpm	55.0 kW (74 hp) at 2,500 rpm
Net Peak Power (SAE J1349 / ISO 9249)	49.4 kW (66 hp) at 2,500 rpm	52.5 kW (70 hp) at 2,500 rpm 52.7 kW (71 hp) at 2,500 rpm
Peak Torque	241 Nm (178 lb.-ft.) at 1,625 rpm	280 Nm (207 ft.-lb.) at 1,800 rpm 284 Nm (209 ft.-lb.) at 1,800 rpm
Displacement	3.3 L (203 cu. in.)	3.3 L (203 cu. in.)
Rated Engine Speed	2,500 rpm	2,500 rpm
Torque Rise	22% at 1,625 rpm	34% at 1,800 rpm
Aspiration	Naturally aspirated (optional turbocharger)	Turbocharged Turbocharged
Air Cleaner	Dry dual element	Dry dual element Dry dual element
Cooling	320G / 324G	
Fan Type	Variable-speed hydraulic drive standard / reversing fan drive optional	
Powertrain		
Type	Hydrostatic-manual or electrohydraulic; 4 – 80 heavy-duty (HD) continuous-loop chain	
Travel Speeds		
Single Speed, Standard	11.1 km/h (6.9 mph)	
2 Speed, High, Optional	17.9 km/h (11.1 mph)	
Axles	Induction-hardened, 1-piece forged axle shafts with maintenance-free oil-bath lubrication of inner and outer axle bearings	
Maximum Axle Torque	6771 Nm (4,994 lb.-ft.)	
Tractive Effort	3220 kgf (7,491 lbf)	
Final Drive	High-strength, adjustment-free chains	
Brakes	Integral, automatic, spring-applied, hydraulically released, wet-disc park brake	
Hydraulics	320G	324G
Pump Flow		
Standard	78 L/m (21 gpm)	
Total with High-Flow Option	112 L/m (30 gpm)	
System Pressure at Couplers	22 408 kPa (3,250 psi)	
Hydraulic Horsepower Flow (calculated)		
Standard	29 kW (39 hp)	
High Flow	42 kW (56 hp)	
Auxiliary Hydraulics	Connect-under-pressure with flat-faced couplers	
Cylinders	320G / 324G	
Type	John Deere heat-treated, chrome-plated polished cylinder rods, hardened steel (replaceable bushings) pivot pins	
Electrical		
Voltage	12 volt	
Battery Capacity	750 CCA standard / 925 CCA optional	
Alternator Rating	75 amp	
Lights	Halogen: 2 front and 1 rear standard / deluxe LED (4 front and 1 rear) optional	
Operator's Station		
ROPS (ISO 3471) / FOPS (ISO 3449) structure with quick-pivot standard		
Tires/Wheels		
Standard Tire Size	12 x 16.5 12 PR SKS	
Serviceability		
Refill Capacity		
Fuel Tank	79 L (21 gal.)	
Operating Weights	320G	324G
	EPA Final Tier 4/EU Stage IV and EPA Interim Tier 4/EU Stage IIIA	EPA Final Tier 4/EU Stage IV and EPA Interim Tier 4/EU Stage IIIA
Base Machine	3246 kg (7,150 lb.)	3496 kg (7,700 lb.)

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.

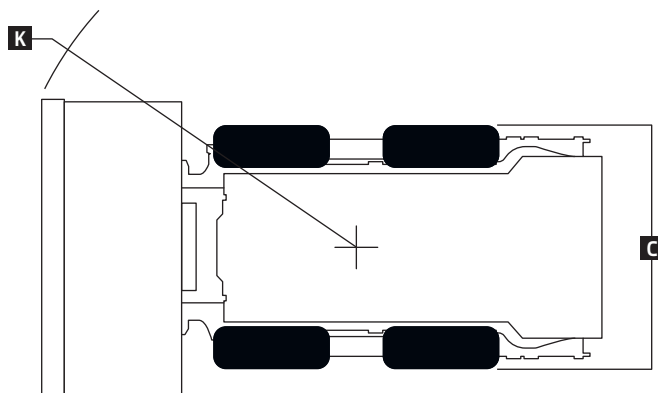
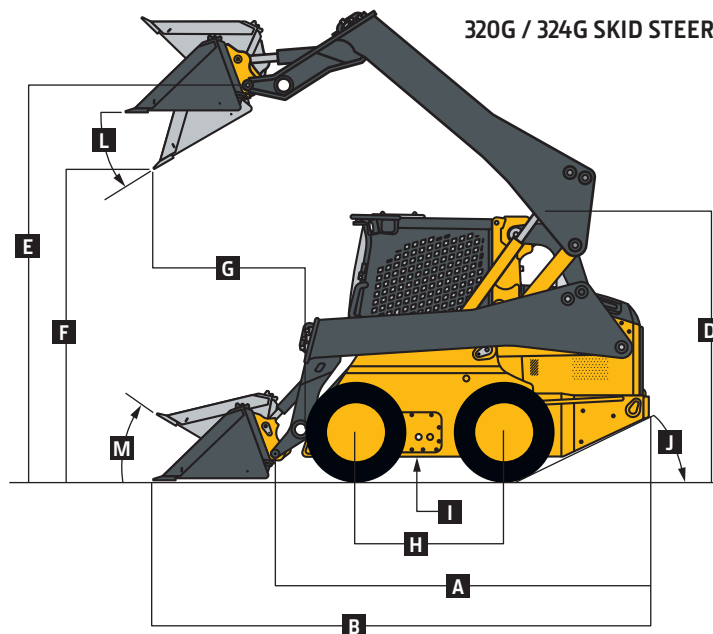


# 320G / 324G SPECIFICATIONS



Machine Dimensions	320G	324G
<b>A</b> Length without Bucket	2.85 m (112.3 in.) (9 ft. 4 in.)	2.85 m (112.3 in.) (9 ft. 4 in.)
<b>B</b> Length		
With Foundry Bucket	3.46 m (136.3 in.) (11 ft. 4 in.)	3.46 m (136.3 in.) (11 ft. 4 in.)
With Construction Bucket	3.71 m (146.1 in.) (12 ft. 2 in.)	3.71 m (146.1 in.) (12 ft. 2 in.)
<b>C</b> Width without Bucket	1.70 m (67.0 in.) (5 ft. 7 in.)	1.70 m (67.0 in.) (5 ft. 7 in.)
<b>D</b> Height to Top of ROPS	2.06 m (81.1 in.) (6 ft. 9 in.)	2.06 m (81.1 in.) (6 ft. 9 in.)
<b>E</b> Height to Hinge Pin	3.10 m (122.2 in.) (10 ft. 2 in.)	3.20 m (126.0 in.) (10 ft. 6 in.)
<b>F</b> Dump Height		
With Foundry Bucket	2.48 m (97.7 in.) (8 ft. 2 in.)	2.59 m (102.1 in.) (8 ft. 6 in.)
With Construction Bucket	2.31 m (91.0 in.) (7 ft. 7 in.)	2.43 m (95.5 in.) (8 ft. 0 in.)
<b>G</b> Dump Reach		
With Foundry Bucket	0.74 m (29.2 in.)	0.76 m (29.9 in.)
With Construction Bucket	0.93 m (36.4 in.) (3 ft. 0 in.)	0.95 m (37.3 in.) (3 ft. 1 in.)
<b>H</b> Wheelbase	1.12 m (44.2 in.) (3 ft. 8 in.)	1.12 m (44.2 in.) (3 ft. 8 in.)
<b>I</b> Ground Clearance	0.24 m (9.3 in.)	0.24 m (9.3 in.)
<b>J</b> Angle of Departure	28 deg.	28 deg.
<b>K</b> Front Turn Radius with Foundry Bucket	2.02 m (79.6 in.) (6 ft. 8 in.)	2.02 m (79.6 in.) (6 ft. 8 in.)
<b>L</b> Dump Angle (full lift height)	43 deg.	41 deg.
<b>M</b> Bucket Rollback (ground level)	33 deg.	34 deg.

320G / 324G SKID STEERS



Loader Performance	320G	324G
	<i>EPA Final Tier 4/EU Stage IV and EPA Interim Tier 4/EU Stage IIIA</i>	<i>EPA Final Tier 4/EU Stage IV and EPA Interim Tier 4/EU Stage IIIA</i>
Tipping Load	1989 kg (4,380 lb.)	2443 kg (5,380 lb.)
SAE Rated Operating Capacity	994 kg (2,190 lb.)	1221 kg (2,690 lb.)
With Counterweight	1067 kg (2,350 lb.)	1294 kg (2,850 lb.)
Boom Breakout Force		
With Foundry Bucket	1692 kg (3,725 lb.)	2384 kg (5,250 lb.)
With Construction Bucket	1589 kg (3,500 lb.)	2157 kg (4,750 lb.)
Bucket Breakout Force		
With Foundry Bucket	2724 kg (6,000 lb.)	3973 kg (8,750 lb.)
With Construction Bucket	1905 kg (4,200 lb.)	2724 kg (6,000 lb.)

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# 330G / 332G SPECIFICATIONS

Engine	330G		332G	
Manufacturer and Model	Yanmar 4TNV94FHT	Yanmar 4TNV94CHT	Yanmar 4TNV94FHT	Yanmar 4TNV94CHT
Non-Road Emission Standard	EPA Final Tier 4/ EU Stage IV	EPA Interim Tier 4/ EU Stage IIIB	EPA Final Tier 4/ EU Stage IV	EPA Interim Tier 4/ EU Stage IIIB
Cylinders	4	4	4	4
Gross Rated Power (ISO 14396)	68.0 kW (91.2 hp) at 2,500 rpm		74.6 kW (100 hp) at 2,500 rpm	
Net Peak Power (SAE J1349 / ISO 9249)	66.0 kW (88.5 hp) at 2,500 rpm		72.0 kW (96.6 hp) at 2,500 rpm	
Peak Torque	382 Nm (281.8 ft.-lb.) at 1,700 rpm		395 Nm (291.3 ft.-lb.) at 1,700 rpm	
Displacement	3.1 L (186.3 cu. in.)	3.1 L (186.3 cu. in.)	3.1 L (186.3 cu. in.)	3.1 L (186.3 cu. in.)
Rated Engine Speed	2,500 rpm	2,500 rpm	2,500 rpm	2,500 rpm
Torque Rise	47% at 1,700 rpm	47% at 1,700 rpm	39% at 1,700 rpm	39% at 1,700 rpm
Aspiration	Turbocharged, intercooled	Turbocharged, intercooled	Turbocharged, intercooled	Turbocharged, intercooled
Air Cleaner	Dry dual element	Dry dual element	Dry dual element	Dry dual element
Cooling	330G / 332G			
Fan Type	Variable-speed hydraulic drive standard / reversing fan drive optional			
Powertrain	330G		332G	
Type	Electrohydraulic (EH); 4 – 100 heavy-duty (HD) continuous-loop chain			
Travel Speeds				
Low	11.3 km/h (7 mph)		11.3 km/h (7 mph)	
High	19.3 km/h (12 mph)		19.3 km/h (12 mph)	
Axles	Induction-hardened, 1-piece forged axle shafts with maintenance-free oil-bath lubrication of inner and outer axle bearings			
Maximum Axle Torque	8480 Nm (6,235 lb.-ft.)		9289 Nm (6,830 lb.-ft.)	
Tractive Effort	3905 kgf (8,610 lbf)		4218 kgf (9,300 lbf)	
Final Drive	High-strength, adjustment-free chains		High-strength, adjustment-free chains	
Brakes	Integral, automatic, spring-applied, hydraulically released, wet-disc park brake			
Hydraulics				
Pump Flow				
Standard	80 L/m (23.5 gpm)		95 L/m (25.0 gpm)	
Total with High-Flow Option	138 L/m (36.5 gpm)		156 L/m (41.1 gpm)	
System Pressure at Couplers	23 787 kPa (3,450 psi)		23 787 kPa (3,450 psi)	
Hydraulic Horsepower Flow (calculated)				
Standard	35 kW (47 hp)		38 kW (50 hp)	
High Flow	55 kW (74 hp)		62 kW (83 hp)	
Auxiliary Hydraulics	Connect-under-pressure with flat-faced couplers		Connect-under-pressure with flat-faced couplers	
Cylinders	330G / 332G			
Type	John Deere heat-treated, chrome-plated polished cylinder rods, hardened steel (replaceable bushings) pivot pins			
Electrical				
Voltage	12 volt			
Battery Capacity	925 CCA			
Alternator Rating	90 amp			
Lights	Halogen: 2 front and 1 rear standard / deluxe LED (4 front and 1 rear) optional			
Operator's Station				
ROPS (ISO 3471) / FOPS (ISO 3449) structure with quick-pivot standard				
Tires/Wheels	330G		332G	
Standard Tire Size	14 x 17.5 12 PR Extra Wall		14 x 17.5 14 PR Hauler	
Serviceability	330G / 332G			
Refill Capacity				
Fuel Tank	96.5 L (25.5 gal.)			
Operating Weights	330G		332G	
	EPA Final Tier 4/ EU Stage IV	EPA Interim Tier 4/ EU Stage IIIB	EPA Final Tier 4/ EU Stage IV	EPA Interim Tier 4/ EU Stage IIIB
Base Machine	4495 kq (9,900 lb.)	4449 kq (9,800 lb.)	4540 kq (10,000 lb.)	4495 kq (9,900 lb.)

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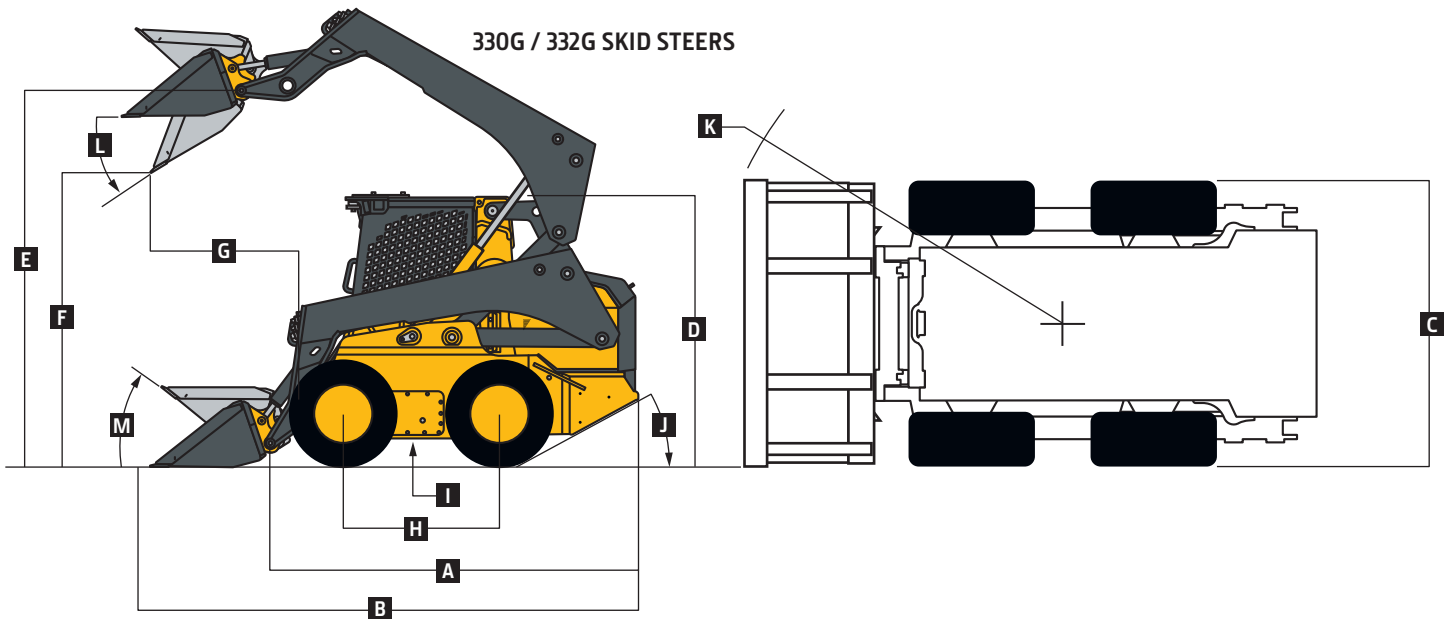
# 330G / 332G

## SPECIFICATIONS



Machine Dimensions	330G	332G
<b>A</b> Length without Bucket	3.10 m (122.0 in.) (10 ft. 2 in.)	3.10 m (122.0 in.) (10 ft. 2 in.)
<b>B</b> Length		
With Foundry Bucket	3.71 m (146.0 in.) (12 ft. 2 in.)	3.71 m (146.0 in.) (12 ft. 2 in.)
With Heavy-Duty Construction Bucket	3.96 m (155.9 in.) (13 ft. 0 in.)	3.96 m (155.9 in.) (13 ft. 0 in.)
<b>C</b> Width without Bucket	1.98 m (78.0 in.) (6 ft. 6 in.)	1.99 m (78.4 in.) (6 ft. 6 in.)
<b>D</b> Height to Top of ROPS	2.19 m (86.3 in.) (7 ft. 2 in.)	2.19 m (86.3 in.) (7 ft. 2 in.)
<b>E</b> Height to Hinge Pin	3.35 m (132.0 in.) (11 ft. 0 in.)	3.35 m (132.0 in.) (11 ft. 0 in.)
<b>F</b> Dump Height		
With Foundry Bucket	2.69 m (106.1 in.) (8 ft. 10 in.)	2.69 m (106.1 in.) (8 ft. 10 in.)
With Heavy-Duty Construction Bucket	2.50 m (98.6 in.) (8 ft. 3 in.)	2.50 m (98.6 in.) (8 ft. 3 in.)
<b>G</b> Dump Reach		
With Foundry Bucket	0.71 m (28.0 in.)	0.71 m (28.0 in.)
With Construction Bucket (no edge)	0.88 m (34.6 in.)	0.88 m (34.6 in.)
<b>H</b> Wheelbase	1.27 m (49.9 in.) (4 ft. 2 in.)	1.27 m (49.9 in.) (4 ft. 2 in.)
<b>I</b> Ground Clearance	0.25 m (9.7 in.)	0.25 m (9.7 in.)
<b>J</b> Angle of Departure	29 deg.	29 deg.
<b>K</b> Front Turn Radius with Foundry Bucket	2.18 m (85.7 in.) (7 ft. 2 in.)	2.18 m (85.7 in.) (7 ft. 2 in.)
<b>L</b> Dump Angle (full lift height)	48 deg.	48 deg.
<b>M</b> Bucket Rollback (ground level)	35 deg.	35 deg.

### 330G / 332G SKID STEERS



Loader Performance	330G	332G	
	<i>EPA Final Tier 4/EU Stage IV and EPA Interim Tier 4/EU Stage IIIB</i>	<i>EPA Final Tier 4/ EU Stage IV</i>	<i>EPA Interim Tier 4 / EU Stage IIIB</i>
Tipping Load	2724 kg (6,000 lb.)	3269 kg (7,200 lb.)	3269 kg (7,200 lb.)
SAE Rated Operating Capacity	1362 kg (3,000 lb.)	1634 kg (3,600 lb.)	1634 kg (3,600 lb.)
With Optional Set of Counterweights	1430 kg (3,150 lb.)	1703 kg (3,750 lb.)	1703 kg (3,750 lb.)
Boom Breakout Force			
With Foundry Bucket	3175 kg (7,000 lb.)	3865 kg (8,520 lb.)	3746 kg (8,250 lb.)
With Heavy-Duty Construction Bucket	2724 kg (6,000 lb.)	3519 kg (7,750 lb.)	3519 kg (7,750 lb.)
Bucket Breakout Force			
With Foundry Bucket	4676 kg (10,300 lb.)	6307 kg (13,904 lb.)	6243 kg (13,750 lb.)
With Heavy-Duty Construction Bucket	3450 kg (7,600 lb.)	4200 kg (9,250 lb.)	4200 kg (9,250 lb.)

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# Additional equipment

Key: ● Standard ▲ Optional or special

See your John Deere dealer for further information.

320G	324G	330G	332G	Engine
●	●	●	●	Meets EPA Final Tier 4/EU Stage IV emissions
▲	▲			Meets EPA Interim Tier 4/EU Stage IIIA emissions
		▲	▲	Meets EPA Interim Tier 4/EU Stage IIIB emissions
●				Yanmar 4TNV98C
▲	●			Yanmar 4TNV98CT
▲	▲			Yanmar 4TNV98T
		●	●	Yanmar 4TNV94FHT
		▲	▲	Yanmar 4TNV94CHT
●	●	●	●	Auto-idle
●	●	●	●	Automatic fan tensioner
●	●	●	●	Automatic preheat
●	●	●	●	Electronic injection system
▲	▲	▲	▲	Engine air precleaner kit
●	●			Fuel tank, 79 L (21 gal.)
		●	●	Fuel tank, 96.5 L (25.5 gal.)
●	●	●	●	John Deere COOL-GARD™ II Extended-Life Engine Coolant
●	●	●	●	John Deere Plus-50™ 10w30 initial engine oil fill <sup>6</sup>
●				4-cylinder 51.7 kW (69 gross hp)/ 49.4 kW (66 net hp), 3.3-L (203 cu. in.) displacement
	●			4-cylinder 55.0 kW (74 gross hp)/ 52.5 kW (70 net hp), 3.3-L (203 cu. in.) displacement
		●		4-cylinder 68.0 kW (91.2 gross hp)/ 66.0 kW (88.5 net hp), 3.1-L (186.3 cu. in.) displacement
		●		4-cylinder 74.6 kW (100 gross hp)/ 72.0 kW (96.6 net hp), 3.1-L (186.3 cu. in.) displacement
●	●	●	●	5-micron primary fuel filter and water separator
▲	▲	▲	▲	Cold-weather starting package
<b>Cooling System</b>				
●	●	●	●	Coolant surge tank
●	●	●	●	Variable-speed hydraulically driven fan cooling system
▲	▲	▲	▲	Reversing fan drive
<b>Powertrain</b>				
●	●	●	●	High-strength adjustment-free final-drive chains
●	●	●	●	Automatic spring-applied hydraulically released wet-disc park brake
●	●	●	●	Wet-disc brakes
●	●			Transmission, single speed
▲	▲	●	●	Transmission, 2 speed
<b>Hydraulic System</b>				
●	●	●	●	John Deere hydraulic cylinders with cushioned boom cylinders
●	●	●	●	John Deere heat-treated, chrome-plated cylinder rods with replaceable bushings
●	●	●	●	Connect-under-pressure auxiliary couplers
●	●	●	●	Quick-check hydraulic fluid-level sight glass
●	●	●	●	1,000-hour, 5-micron hydraulic filter
▲	▲	▲	▲	High-flow hydraulics
●	●	●	●	Axial-piston hydrostatic pump

320G	324G	330G	332G	Electrical
●	●	●	●	Automatic engine/hydraulic shutdown protection system
●	●	●	●	Auxiliary hydraulics operator-presence system
●	●	●	●	Courtesy lighting
●	●	●	●	Deluxe instrumentation EMU with: Operator-selectable monitoring – Hour meter, engine rpm, battery voltage, diagnostics, EMU configuration, engine coolant temperature, hydraulic oil temperature / LED warning indicators – Glow plug, seat switch, seat belt, door open, auxiliary hydraulics, park brake engaged, 2-speed engaged, stop, low engine oil pressure, engine coolant over-temperature, battery not charging, air filter restriction, and hydraulic filter restriction
▲	▲	▲	▲	Deluxe LED lighting package with additional cab-integrated side lights (2)
●	●	●	●	Front and rear halogen work lights
●	●	●	●	Triple-interlock operator-presence control system
●	●	●	●	Backup alarm
●	●			Battery, 750 CCA
▲	▲	●	●	Battery, 925 CCA
▲	▲	▲	▲	Hazard warning lights
▲	▲	▲	▲	Strobe light, amber
●	●	●	●	Horn
<b>Operator's Station</b>				
●	●	●	●	Deluxe cab headliner
▲	▲	●	●	Electrohydraulic (EH) ISO-pattern joystick controls
▲	▲	▲	▲	ISO-H switchable joystick controls and EH joystick performance package*
●	●			Mechanical foot controls
		▲	▲	EH 4-way switchable controls include EH foot control, ISO joystick control, H-pattern joystick control, and ISO and foot controls
		▲	▲	ISO controls with programmable detents and EH boom performance package;† also includes EH joystick performance package*
		▲	▲	Onboard grade indication: Grade-control option delivers onboard readout within LCD monitor that provides slope of blade (cross-slope direction) and mainfall (fore/aft direction) within ±0.5-percent accuracy
▲	▲	▲	▲	Keyless-start sealed-switch module with integrated anti-theft system and operator memory preference settings
●	●	●	●	Electronic push-button auxiliary controls
●	●	●	●	Pull-down adjustable lap bar
●	●	●	●	Quick-pivot ROPS
●	●	●	●	Rear window
●	●	●	●	Removable top window
▲	▲	▲	▲	Sliding/locking/removable glass side windows

320G	324G	330G	332G	Operator's Station (continued)
●	●	●	●	ROPS/FOPS operator structure
▲	▲	▲	▲	Glass cab enclosure
●	●	●	●	Seat belt, 51 mm (2 in.), retractable
▲	▲	▲	▲	Shoulder belt, 51 mm (2 in.) or 76 mm (3 in.)
▲	▲	▲	▲	Severe-duty cab door and wiper system
●	●	●	●	Water-shedding deluxe vinyl suspension seat
▲	▲	▲	▲	Deluxe vinyl suspension seat
▲	▲	▲	▲	Air-ride cloth, heated seat
▲	▲	▲	▲	Air-ride vinyl seat
●	●	●	●	12-volt power port / Dome light / Cargo storage / Beverage holder
▲	▲	▲	▲	Air conditioning with heater/defroster
▲	▲	▲	▲	AM/FM radio with auxiliary input and Bluetooth® for audio streaming
▲	▲	▲	▲	Floor mat with left footrest
●	●	●	●	Rearview mirror
▲	▲	▲	▲	Rearview camera
<b>Loader</b>				
●	●	●	●	In-cab boom lockout to secure loader before exiting seat
●	●	●	●	Patented John Deere Quik-Tatch™ (no grease required)
▲	▲	▲	▲	Power Quik-Tatch
●	●	●	●	Patented John Deere vertical-lift boom
▲	▲	▲	▲	Hydraulic self-leveling on/off and ride control
<b>Other</b>				
●	●	●	●	Convenient front and rear tie-downs
●	●	●	●	Environmental drains for all fluid reservoirs
		▲		12 x 16.5 8 PR SKS Extra Wall Heavy Duty
		▲		12 x 16.5 10 PR Extra Wall
●	●			12 x 16.5 12 PR SKS
		●	▲	14 x 17.5 12 PR Extra Wall
		▲	●	14 x 17.5 14 PR Hauler
▲	▲	▲	▲	Chrome exhaust stack
▲	▲	▲	▲	Engine oil/hydraulic fluid-sampling kit
▲	▲	▲	▲	Forestry protection packages
▲	▲	▲	▲	Heavy-duty rear grille
▲	▲	▲	▲	Rear counterweights (available in sets of 1, 2, or 3), 78 kg (172 lb.) (each set)
▲	▲	▲	▲	Single-point lift kit
▲	▲	▲	▲	SMV sign kit
▲	▲	▲	▲	Spare tire and wheel
▲	▲	▲	▲	Tire options: SKS Extra-Wall, Galaxy Beefy Baby III, Galaxy Hulk, and Brawler Solid-Flex
▲	▲	▲	▲	JDLink™ wireless communication system (available in specific countries; see your dealer for details)

<sup>6</sup>500-hour engine oil-change intervals when John Deere Plus-50 oil and John Deere oil filter are used.

\*EH joystick performance package features switchable accelerator/decelerator, selectable propel speeds, creep control, boom- and bucket-speed settings, and 12-volt 3- and 14-pin attachment-control harness with dash-mounted 4th-function rocker switch.

†EH boom performance package features include EH bucket self-level up and down, return to dig, return to carry, and boom-height kick-out.

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Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan, at standard conditions per SAE J1349 and DIN 6270B, using No. 2-D fuel at 35 API gravity. 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 units with standard equipment, full fuel tanks, and 79-kg (175-lb.) operator.

