



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**AGR0845**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**KRISTA FERRELL  
 304-558-2596**

PURCHASER

\*709053348      304-472-1710  
 L&T FARM EQUIPMENT INC  
 RT 3 BOX 153  
 BUCKHANNON WV 26201

SHIP TO

DEPARTMENT OF AGRICULTURE  
 VARIOUS LOCALES AS INDICATED  
 BY ORDER

DATE PRINTED <b>11/20/2007</b>	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
BID OPENING DATE: <b>12/11/2007</b>		BID OPENING TIME <b>01:30PM</b>		

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	2	EA		020-89	<del>\$</del> 32,950.00	<del>\$</del> 65,900.00
<p>TRACTORS, FARM, WHEEL TYPE</p> <p><i>* Alternate Model John Deere 5425 with 542 Loader</i></p> <p>Specs: enclosed - REQUEST FOR QUOTATION</p> <p>THE WEST VIRGINIA PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DEPARTMENT OF AGRICULTURE, IS SOLICITING BIDS FOR THE PURCHASE OF (2) 4 WD MCCORMICK OPEN STATION TRACTORS (OR EQUAL). TRACTORS WILL BE EQUIPPED WITH 4045 BUSHOG LOADER WITH BUCKET AND BALE SPEAR WITH SKID STEER/QUICK HITCH ATTACHMENTS. TRACTORS MUST BE 2007 MODEL YEAR OR NEWER.</p> <p>TRACTOR MUST BE DELIVERED, ASSEMBLED, AND DEMONSTRATED AT BOTH LOCATIONS.</p> <p>WV DEPT. OF AGRICULTURE          HUTTONSVILLE STATE FARM          ROUTE 219/250 SOUTH          HUTTONSVILLE, WV 26273</p> <p>WV DEPT. OF AGRICULTURE          PRUNTYTOWN STATE FARM          ROUTE 50E (ADJ. FAIRGROUNDS)          GRAFTON, WV 26354</p> <p>ADDITIONAL SPECIFICATIONS PER THE ATTACHED.</p> <p>EXHIBIT 10</p> <p>REQUISITION NO.: <b>AGR0845</b></p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *[Signature]* TELEPHONE: 304-472-1710 DATE: 12/5/2007

TITLE: Sales FEIN: 550648830 ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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SHIP TO

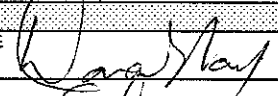
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11/20/2007				

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<p><b>ADDENDUM ACKNOWLEDGEMENT</b></p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NO.'S:</p> <p>NO. 1 .....</p> <p>NO. 2 .....</p> <p>NO. 3 .....</p> <p>NO. 4 .....</p> <p>NO. 5 .....</p> <p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p style="text-align: right;">             .....            SIGNATURE              .....            COMPANY         </p>						

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TITLE <b>Sales</b>	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

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				..... 12/5/07 ..... DATE		
				REV. 11/96		
				BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT MAY BE DEEMED NULL AND VOID, AND TERMINATED WITHOUT FURTHER ORDER.		
				VENDOR PREFERENCE CERTIFICATE		
				CERTIFICATION AND APPLICATION* IS HEREBY MADE FOR PREFERENCE IN ACCORDANCE WITH WEST VIRGINIA CODE, 5A-3-37 (DOES NOT APPLY TO CONSTRUCTION CONTRACTS).		
				A. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:		
				( ) BIDDER IS AN INDIVIDUAL RESIDENT VENDOR AND HAS RESIDED CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR		
				(X) BIDDER IS A PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR AND HAS MAINTAINED ITS HEAD-QUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR 80% OF THE OWNERSHI INTEREST OF BIDDER IS HELD BY ANOTHER INDIVIDUAL, PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR WHO HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR		

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SIGNATURE	TELEPHONE	DATE	
<i>[Signature]</i>		12/5/07	
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	
<i>[Signature]</i>			

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<p>( ) BIDDER IS A CORPORATION NONRESIDENT VENDOR WHICH HAS AN AFFILIATE OR SUBSIDIARY WHICH EMPLOYS A MINIMUM OF ONE HUNDRED STATE RESIDENTS AND WHICH HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA CONTINUOUSLY FOR THE FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION.</p> <p>B. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p>(X) BIDDER IS A RESIDENT VENDOR WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES WORKING ON THE PROJECT BEING BID ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID;  OR  ( ) BIDDER IS A NONRESIDENT VENDOR EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS OR IS A NONRESIDENT VENDOR WITH AN AFFILIATE OR SUBSIDIARY WHICH MAINTAINS ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES OR BIDDERS' AFFILIATE'S OR SUBSIDIARY'S EMPLOYEES ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID.</p> <p>BIDDER UNDERSTANDS IF THE SECRETARY OF TAX &amp; REVENUE DETERMINES THAT A BIDDER RECEIVING PREFERENCE HAS FAILED TO CONTINUE TO MEET THE REQUIREMENTS FOR SUCH PREFERENCE, THE SECRETARY MAY ORDER THE DIRECTOR OF PURCHASING TO: (A) RESCIND THE CONTRACT OR PURCHASE</p>						

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SIGNATURE <i>[Signature]</i>	TELEPHONE	DATE <i>12/15/07</i>
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<p>ORDER ISSUED; OR (B) ASSESS A PENALTY AGAINST SUCH BIDDER IN AN AMOUNT NOT TO EXCEED 5% OF THE BID AMOUNT AND THAT SUCH PENALTY WILL BE PAID TO THE CONTRACTING AGENCY OR DEDUCTED FROM ANY UNPAID BALANCE ON THE CONTRACT OR PURCHASE ORDER.</p> <p>BY SUBMISSION OF THIS CERTIFICATE, BIDDER AGREES TO DISCLOSE ANY REASONABLY REQUESTED INFORMATION TO THE PURCHASING DIVISION AND AUTHORIZES THE DEPARTMENT OF TAX AND REVENUE TO DISCLOSE TO THE DIRECTOR OF PURCHASING APPROPRIATE INFORMATION VERIFYING THAT BIDDER HAS PAID THE REQUIRED BUSINESS TAXES, PROVIDED THAT SUCH INFORMATION DOES NOT CONTAIN THE AMOUNTS OF TAXES PAID NOR ANY OTHER INFORMATION DEEMED BY THE TAX COMMISSIONER TO BE CONFIDENTIAL.</p> <p>UNDER PENALTY OF LAW FOR FALSE SWEARING (WEST VIRGINIA CODE 61-5-3), BIDDER HEREBY CERTIFIES THAT THIS CERTIFICATE IS TRUE AND ACCURATE IN ALL RESPECTS; AND THAT IF A CONTRACT IS ISSUED TO BIDDER AND IF ANYTHING CONTAINED WITHIN THIS CERTIFICATE CHANGES DURING THE TERM OF THE CONTRACT, BIDDER WILL NOTIFY THE PURCHASING DIVISION IN WRITING IMMEDIATELY.</p> <p>BIDDER: <u>L&amp;T Farm Equipment, Inc</u></p> <p>DATE: <u>12/5/07</u></p> <p>SIGNED: <u>[Signature]</u></p> <p>TITLE: <u>Sales</u></p>						

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**RFQ#: AGR0845**  
**Additional Specifications**

1. Engine HP Min 73
  2. PTO HP Min. 60
  3. 4-cylinder diesel motor
  4. 268 cu in displacement min
  5. Bore x stroke (in) 4.1 x 5
  6. Clutch Single dry diaphragm 11.95 in. min.
  7. 8 + 4 Low Range Syncho Reverser Transmission
  8. Hydraulically actuated independent multiplate wet clutch
  9. 540/1000 PTO 2 shafts 6 + 21 splines
  10. Hydrostatic Steering
  11. Electro Hydraulic MFW engagement
  12. Open Center Hydraulic System (18 gpm min.)
  13. 2 remotes – independently operated from operators seat
  14. Mechanical Hydraulic Sensing System
  15. Min lift capacity 3665 lbs.
  16. Fuel Tank Min Capacity 31.7 gallon
  17. Min Wt 6658 lbs.
  18. Min Length 142"
  19. Min Width 84.5"
  20. Tires 11.2/24 Front Loaded Radial  
16.9/30 Rear Loaded Radial
  21. Seat Belt/ Rollover Protector
  22. Cold Start Package – includes glow plug 12 volt  
& block heater
  23. Hood Guard
  24. Telescoping 3 Point Hitch Arms Category II  
(must level from both sides)
  25. Wet Hydraulic Assist Braces
- LOADER Specs:**  
 Bushog 4045 Loader or equal with material bucket
1. Lift Height Min 126"
  2. Max Dump Angle 45°
  3. Digging Depth 3.5"
  4. Lift Capacity at Pivot Pin to 59" Min 4100 lbs.
  5. Breakout Force 5000 lbs. Min.
  6. Rollback Force at 59" 5300 lbs. Min.
  7. Raise Time 5 sec. max.
  8. Bucket Width 72" Commercial Grade Quality

Loader will be mounted on tractor. Tires will be loaded with approved fluid. Tires will be set at full width.

- One tractor plus loader will be assembled, delivered, and demonstrated at Pruntytown Farm.
- One tractor plus loader will be assembled, delivered, and demonstrated at Huttonsville Farm.



RFQ No. \_\_\_\_\_

STATE OF WEST VIRGINIA  
Purchasing Division

## PURCHASING AFFIDAVIT

**West Virginia Code §5A-3-10a states:** No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate

**DEFINITIONS:**

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

**EXCEPTION:** The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

**CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit [www.state.wv.us/admin/purchase/privacy](http://www.state.wv.us/admin/purchase/privacy) for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and are in compliance with the requirements as stated.

Vendor's Name: \_\_\_\_\_

*L&T Farm Equipment, Inc*

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

*Doreen Kay*

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

*12/5/07*

John Deere Specs for comparison

RFQ#: AGR0845  
Additional Specifications

Specs  
JD 5425

- 81 1. Engine HP Min 73
- 65 2. PTO HP Min. 60
- 4 3. 4-cylinder diesel motor
- 276 4. 268 cu in displacement min
- 4.2 x 5 5. Bore x stroke (in) 4.1 x 5
- Dry 6. Clutch Single dry diaphragm 11.95 in. min.
- 9+3 7. 8 + 4 Low Range Syncho Reverser Transmission
- Hydraulically 8. Hydraulically actuated independent multiplate wet clutch
- yes 9. 540/1000 PTO 2 shafts 6 + 21 splines
- yes 10. Hydrostatic Steering
- yes 11. Electro Hydraulic MFW engagement
- 259 12. Open Center Hydraulic System (18 gpm min.)
- yes 13. 2 remotes - independently operated from operators seat
- yes 14. Mechanical Hydraulic Sensing System
- \* 337 15. Min lift capacity 3665 lbs. 24" behind lift point \*
- 22.5 16. Fuel Tank Min Capacity 31.7 gallon
- 7435 17. Min Wt 6658 lbs.
- 151.5 18. Min Length 142"
- 85.7 19. Min Width 84.5"
- 20. Tires 11.2/24 Front Loaded Radial  
16.9/30 Rear Loaded Radial
- yes 21. Seat Belt/ Rollover Protector
- yes 22. Cold Start Package - includes glow plug 12 volt & block heater
- yes 23. Hood Guard
- yes 24. Telescoping 3 Point Hitch Arms Category II (must level from both sides)
- yes 25. Wet Hydraulic Assist Braces

Specs.  
JD 5425  
LOADER Specs:  
Bushog 4045 Loader or equal with material bucket

- 128" 1. Lift Height Min 126"
- 69° 2. Max Dump Angle 45°
- 5" 3. Digging Depth 3.5"
- 4130 4. Lift Capacity at Pivot Pin to 59" Min 4100 lbs.
- 3889 5. Breakout Force 5000 lbs. Min.
- 573 6. Rollback Force at 59" 5300 lbs. Min.
- 7. Raise Time 5 sec. max.
- 73" 8. Bucket Width 72" Commercial Grade Quality

Loader will be mounted on tractor. Tires will be loaded with approved fluid. Tires will be set at full width.

- One tractor plus loader will be assembled, delivered, and demonstrated at Pruntytown Farm.
- One tractor plus loader will be assembled, delivered, and demonstrated at Huttonsville Farm.

**MANUFACTURER****John Deere****MODEL****5425****Official Test**

Nebraska Test Number

Nebr. OECD 1868  
(November 2005)**Engine**

Manufacturer

John Deere PowerTech  
4045

Aspiration

Turbocharged

Cylinders/Displacement, cu. in. (liters)

4/276 (4.5)

Cylinder Liners

Sleeved

Fuel Tank Cap., US Gal. (L) (Open; Cab)

---

Standard

22.5 (96.5) ; 33.5  
(126.8)

Optional

---

Underhood muffler

Yes

**Performance**

Advertised PTO HP (kW) @ Rated RPM

65 (48) @ 2400

Official PTO HP (kW) @ Rated RPM

66.25 (49.41) @ 2401

@ Standard PTO @ Eng RPM

---

Maximum @ Eng RPM

67.99 (50.70) @ 2201

Advertised Engine HP (kW) @ Rated Speed

81 (60.5) @ 2400

Max Unballast Drwbr HP (kW) @ Eng RPM

---

Maximum Torque (PTO) @ RPM, lb-ft (Nm)

208 (282) @ 1497

Max Torque Rise (80% Rtd Spd) @ Eng RPM

25% @ 1896

Maximum Torque Rise % (PTO) @ Eng RPM

43.4% @ 1497

**Fuel Use, U.S. gal./hr. & HP hr./gal. at:**

PTO @ Rated Eng RPM

4.68 (17.73) & 14.15  
(2.79) @ 2401

Standard PTO Speed @ Eng Speed

---

Maximum PTO Power @ Eng RPM

4.52 (17.13) & 15.03  
(2.96) @ 2201

Maximum Engine Power @ Eng RPM

4.68 (17.73) & 14.15  
(2.79) @ 2401

Max Unballasted Drawbar Power @ Eng RPM

---

75% Load, Full Engine RPM (Unballasted)

---

75% Load @ Reduced RPM (Unballasted)

---

**Transmission**

Std. Transmission; Forward/Reverse

9F/3R SyncShuttle

Opt. Transmission; Forward/Reverse

12F/12R or 24F/24R  
PowrReverser

Reverser

Yes

On-the-Go Shifting (Yes/No/Partial)

Partial

Clutch; Wet/Dry

Dry (PowrReverser - Wet)

Creeper

6F/2R (PowrReverser -  
8F/8R)**Power Take-Off (PTO)**

Standard

Independent 540

Optional

540/540E; 540/1000

PTO Speeds @ Engine RPM

540 @ 2410; 540E @  
1716

PTO Actuation

Mechanical (opt.  
Electrohydraulic)**Hydraulics**

Type

Open Center

Pump Rated Output, GPM (L/min.)	---
Standard	25.3 (95.7)
Optional	---
Rated Flow @ One SCV, GPM (L/min.)	18.7 (70.8)
Max Output @ SCV Couplers, GPM (L/min.)	---
Maximum Operating Pressure, PSI (kPa)	2,884 (19900)
Maximum Hydraulic Power, HP (kW)	26.4 (19.7)
Hitch Draft Control Load Sense Type	Mechanical
Remote Control Valves Available	0 (opt. 3)
Hitch Category (SAE Designation)	1/2
Hitch Lift Cap. lb. (kg) @24"Bhnd Lift Pt.	---
Standard	3,374 (1,530)
Optional	---
Sensing Type	Top Link (opt. Lower Link)
Joystick SCV Control	Optional
<b>Final Drive</b>	
Type	Inboard Planetary
Differential Controls	Mechanical (pedal)
Availability	---
Front	No
Front & Rear	No
Engage On-the-Go Rear Differential Lock	Yes
Axle Type	Flanged
Brakes, Type and Control	Hydraulic Wet Disc
<b>Operator Station</b>	
Rollover Protective Structure, OOS	---
Rigid - Foldable - Telescopic	Foldable, 2-Post
Platform - Flat/Straddle	Flat
Gearshift Location - Console/Floor	Floor
Cab	---
Doors	2
Platform - Flat/Straddle	Flat
dB(A) Rating	77
Seat Suspension System	Mechanical (opt. Air Ride)
<b>2WD Dimensions</b>	
Wheelbase, in. (mm)	85.7 (2177)
Front Tread Range, in. (mm)	57-87 (1449-2209)
Rear Tread Range, in. (mm)	55.7-74 (1414-1880)
Minimum Rear Tread Setting, in. (mm)	55.7 (1414)
Front Axle Clearance, in. (mm)	18.8 (478)
Turning Radius w/Brakes, ft. (m)	11.2 (284)
Turning Radius w/o Brakes, ft. (m)	12.8 (325)
Unballasted Operating Weight, lb. (kg)	---
Approx. Ship Wgt, lb. (kg) Open; Cab	5,885 (2,669); 6,800 (3,084)
<b>MFWD Dimensions</b>	
Wheelbase, in. (mm)	85.7 (2178)
Front Tread Range, in. (mm)	52.8 - 75.0 (1340 - 1904)
Front Axle Clearance, in. (mm)	17.7 (450)
Turning Radius w/Brakes, ft. (m)	11.6 (294)
Turning Radius w/o Brakes, ft. (m)	14.3 (363)
Limited Slip Differential	Yes
Unballasted Operating Weight, lb. (kg)	7,435 (3372) 6,470 (2,935); 7,385

Approx. Ship Wgt, lb. (kg) Open; Cab	(3,350)
<b>4WD Dimensions</b>	
Wheelbase, in. (mm)	---
Wheel Tread, Min. to Max. in. (mm)	---
Turning Radius w/o Brakes, ft. (m)	---
Nebraska Test Unballasted w/Duals, lb.(kg)	---
Unballasted Weight, lb. (kg)	---
<b>Standard Tires</b>	
2WD	---
Front	7.50-16 6PR F2
Rear	16.9-30 6PR R1
MFWD	---
Front	11.2-24 6PR R1
Rear	16.9-30 6PR R1
4WD	---
Track Widths	---
<b>Miscellaneous</b>	
Country of Manufacture	Augusta, GA
Ballasting Restrictions, lb. (kg)	---
*Notes	Updated 1/18/2007

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<b>MANUFACTURER</b>	<b>John Deere</b>
<b>MODEL</b>	<b>542</b>
<b>Tractor</b>	
Model	5425/5525/5625/5603
Front Tire	11.2-24
Rear Tire	16.9-30
Wheelbase	85.7-in. (2177 mm)
Pump capacity, gpm	15.9
Rated pressure, psi	2755
<b>Loader</b>	
Bucket used	73-in. (1850 mm) Materials
Bucket weight, lb. (kg)	351 (159)
Lift capacity at full height, lb. (kg)	---
Measured at pivot (U)	3093 (1403)
Measured at 500 mm ahead of pivot (V)	---
Measured at 800 mm ahead of pivot (V)	2134 (968)
Lift capacity at 59-in. (1.5 m), lb. (kg)	---
Measured at pivot (W)	4130 (1861)
Measured at 500 mm ahead of pivot (X)	---
Measured at 800 mm ahead of pivot (X)	2976 (1350)
Boom Breakout Force, lb. (kg)	---
Measured at pivot (Y)	3484 (1580)
Measured at 500 mm ahead of pivot (Z)	---
Measured at 800 mm ahead of pivot (Z)	3889 (1764)
Bucket Rollback Force capacity, lb. (kg)	---
At maximum height (VV)	3394 (1539)
At 1.5 m (59-in.) lift height (XX)	5733 (2600)
At ground level line (ZZ)	5733 (2600)
<b>Dimensions</b>	
Maximum lift height, in. (mm) (A)	128 (3242)
Clearance	---
At full height - bucket level, in. (mm) (B)	118 (2997)
At full height - bucket dumped, in. (mm) (C)	91 (2312)
Overall length (I+F), ft. (m)	14.16 (4.309)
Overall height in carry position (J), ft. (m)	---
Digging depth, in. (mm) (H)	5 (128)
Reach	---
At max. height, in. (mm) (D)	42 (1066)
At ground level - bucket level, in. (mm) (F)	84 (2132)
Bucket Angle	---
Dump angle, degrees (E)	69
Rollback angle, degrees (G)	33
Dump angle, ground	---
Cycle times	---
Loader raise, seconds	---
Loader lower, seconds	---
Bucket dump, seconds	---
Bucket rollback, seconds	---

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