



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  
 AGR0813

PAGE  
 1

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

\*709044440 304-659-2917  
 HAYHURST EQUIPMENT INC  
 PO BOX 457

PENNSBORO WV 26415

DEPARTMENT OF AGRICULTURE  
 LAND SECTION  
 PRUNTYTOWN STATE FARM  
 ROUTE 50 EAST  
 GRAFTON, WV  
 26354 304-558-2222

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DATE PRINTED 08/08/2007	TERMS OF SALE Net 30 Days	SHIP VIA Our Truck	FOB Destination	FREIGHT TERMS Pre-Paid
BID OPENING DATE: 08/28/2007		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	EA		020-89	\$57,100.00	\$57,100.00
JOHN DEERE # 6415 TRACTOR (OR EQUAL) (Ford) New Holland TS110A w/56LB Loader  REQUEST FOR QUOTATION  THE WEST VIRGINIA PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DEPARTMENT OF AGRICULTURE, IS SOLICITING BIDS TO PROVIDE THE AGENCY WITH (1) JOHN DEERE MODEL #6415 (OR EQUAL) 4WD TRACTOR W/ COMFORT VANTAGE CAB PACKAGE. TRACTOR MUST BE 2007 MODEL OR NEWER, MIN PTO 85HP. TRACTOR MUST BE EQUIPPED WITH A JOHN DEERE MODEL #673 (OR EQUAL) NON-SELF LEVELING LOADER, WITH MID-MOUNT MULTICUPLER HYDRAULIC ATTACHED TO THE TRACTOR. ADDITIONAL SPECIFICATION PER THE ATTACHED.  TRACTOR W/ LOADER MUST BE DELIVERED, ASSEMBLED, AND DEMONSTRATED TO THE PURNTYTOWN FARM BY NOVEMBER 1, 2007 OR SOONER.  TECHNICAL QUESTIONS CONCERNING THIS RFQ MUST BE SUBMITTED IN WRITING TO KRISTA FERRELL IN THE WEST VIRGINIA STATE PURCHASING DIVISION VIA MAIL AT THE ADDRESS SHOWN IN THE BODY OF THIS RFQ, VIA FAX AT 304-558-4115, OR VIA EMAIL AT KFERRELL@WVADMIN.GOV. TECHNICAL QUESTIONS INCLUDE, BUT ARE NOT LIMITED TO, SCOPE OF WORK, MODEL, ATTACHMENTS, FEATURES, ETC. DEADLINE FOR TECHNICAL QUESTIONS IS AUGUST 16, 2007 AT 9:00 AM. ALL TECHNICAL QUESTIONS RECEIVED, IF ANY, WILL BE ANSWERED BY ADDENDUM AFTER THE DEADLINE.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Krista Ferrell</i>	TELEPHONE 304-659-2917	DATE 21 August 2007
TITLE Ag. Sales Mgr.	FEBN 55-056-5833-001	ADDRESS CHANGES TO BE NOTED ABOVE

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

**GENERAL TERMS & CONDITIONS  
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125.00 registration fee.
5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this contract is automatically null and void, and is terminated without further order.
14. **HIPAA Business Associate Addendum** - The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

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**INSTRUCTIONS TO BIDDERS**

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in cases of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications.

**SIGNED BID TO:**

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



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VENDOR

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 HAYHURST EQUIPMENT INC  
 PO BOX 457  
 PENNSBORO WV 26415

SHIP TO

DEPARTMENT OF AGRICULTURE  
 LAND SECTION  
 PRUNTYTOWN STATE FARM  
 ROUTE 50 EAST  
 GRAFTON, WV 26354      304-558-2222

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B	FREIGHT TERMS
08/08/2007				
BID OPENING DATE: 08/28/2007		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>QUESTIONS CONCERNING HOW TO SUBMIT A BID TO THE STATE OF WEST VIRGINIA MAY BE SUBMITTED AT ANY TIME PRIOR TO THE BID OPENING DATE AND ARE NOT CONSIDERED TECHNICAL QUESTIONS. THESE QUESTION INCLUDE, BUT ARE NOT LIMITED TO, WHERE/HOW/WHEN TO SUBMIT A BID, FORMS, NUMBER OF ADDENDUMS ISSUED, ETC.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.</p> <p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS.</p> <p>PURCHASING CARD ACCEPTANCE: THE STATE OF WEST VIRGINIA CURRENTLY UTILIZES A VISA PURCHASING CARD PROGRAM WHICH IS ISSUED THROUGH A BANK. THE SUCCESSFUL VENDOR MUST ACCEPT THE STATE OF WEST VIRGINIA VISA PURCHASING CARD FOR PAYMENT OF ALL ORDERS PLACED BY ANY STATE AGENCY AS A CONDITION OF AWARD.</p> <p style="text-align: center;">VENDOR PREFERENCE CERTIFICATE</p> <p>CERTIFICATION AND APPLICATION* IS HEREBY MADE FOR PREFERENCE IN ACCORDANCE WITH WEST VIRGINIA CODE,</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS		
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				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 OWNERSHIP 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 ( ) 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. B. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED: (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			

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<p>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 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>						

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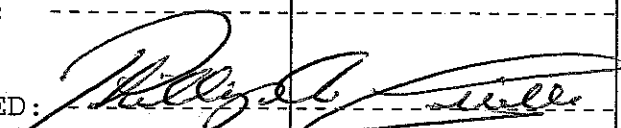
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UNDER PENALTY OF LAW FOR FALSE SWEARING (WEST VIRGINIA CODE 61-5-3), BIDDER HEREBY CERTIFIES THAT THIS CERTIFICATE IS TRUE AND ACCURATE IN ALL RESPECTS; AND THAT IF A CONTRACT IS ISSUED TO BIDDER AND IF ANYTHING CONTAINED WITHIN THIS CERTIFICATE CHANGES DURING THE TERM OF THE CONTRACT, BIDDER WILL NOTIFY THE PURCHASING DIVISION IN WRITING IMMEDIATELY.  BIDDER: Hayhurst Equipment, Inc.  DATE: 21 August 2007  SIGNED:  TITLE: Ag. Sales Mgr.  * CHECK ANY COMBINATION OF PREFERENCE CONSIDERATION(S) IN EITHER "A" OR "B", OR BOTH "A" AND "B" WHICH YOU ARE ENTITLED TO RECEIVE. YOU MAY REQUEST UP TO THE MAXIMUM 5% PREFERENCE FOR BOTH "A" AND "B". (REV. 12/00)  ***** THIS IS THE END OF RFQ AGR0813 ***** TOTAL: \$57,100.00						

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## RFQ: AGR0813

### Specifications

Additional Specification for John Deere Model #6415 (or equal) , 4WD Tractor with Comfort Vantage Cab Package. 2007 Model or newer. Min. PTO 85HP.

- \* Engine: 4045 T Diesel, 4 Cylinders, Bore 4.19 inches, Turbo Charged, Stroke 5 inches, 276" displacement. Must be equipped with air intake pre-cleaner. Wet sleeve design. 100HP.
- Cold Weather Starting Package with pre-heater: (includes Heater for transmission)
- 16F/16R power Quad Transmission with Left Hd. Reverser.
- 4WD with Limited Slip Differential
- Tires: 18.4R/34 Rear Radial, 12.4R/24 Front Radial, Loaded for Extra weight (both front and rear tires)
- Wet Clutch, Min. 8.8" triple disc.
- 540/1000 PTO dual, subshaft design
- Hydraulic self equalizing wet disc brakes
- Hydraulic System: Constant Flow w/ Loading Sensing (17.5 gpm) Joystick (2 positions)
- 3 independent (3 detent) SCV ports, Each must be independently controlled from tractor seat.
- 3pt. hitch with 2 adjustable sway bars Cat II (Lift 5028 lbs.)
- Min. weight with Cab 8987 lbs., overall length: 168.9"
- Min. width: 91", Crop Clearance: 20.5"
- Height to top of drawbar: 17.4 inches, Turning Radius 12.6 feet
- Grill/Hoodguard, front weight support, Fuel Tank Guard.
- Flanged Axle, 8 positions Steel Wheels
- 4 added rear weights (110 lb. each)

- Toolbox

Specifications for John Deere Model #673 (or equal) Non-Self Leveling Loader

- Lift Capacity at pivot: 3594 lbs.
- Lift Capacity at 59": 5754 lbs.
- Boom Breakout Force: 7756 lbs.
- Rollback angle: 43 degrees
- Lift Height: 145 inches
- 85" Heavy duty Bucket (Global Attach)
- Hay Bale Spear (Global Attach)

Successful vendor must provide a manufacturer's warranty: (2 year minimum) Warranty must include transportation costs to and from the farm to the vendor's shop.

Tractor w/ loader is to be delivered, assembled, and demonstrated to the Pruntytown Farm by November 1, 2007 (or sooner).



STATE OF WEST VIRGINIA  
Purchasing Division

008

**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 owned 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 exceeds 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: Hayhurst Equipment, inc.

Authorized Signature:  Date: 21 August 2007

**AGREEMENT ADDENDUM**

009

In the event of conflict between this addendum and the agreement, this addendum shall control:

1. **ARBITRATION** - Any references to arbitration contained in the agreement are hereby deleted. Disputes arising out of the agreement shall be presented to the West Virginia Court of Claims.
2. **HOLD HARMLESS** - Any clause requiring the Agency to indemnify or hold harmless any party is hereby deleted in its entirety.
3. **GOVERNING LAW** - The agreement shall be governed by the laws of the State of West Virginia. This provision replaces any references to any other State's governing law.
4. **TAXES** - Provisions in the agreement requiring the Agency to pay taxes are deleted. As a State entity, the Agency is exempt from Federal, State, and local taxes and will not pay taxes for any Vendor including individuals, nor will the Agency file any tax returns or reports on behalf of Vendor or any other party.
5. **PAYMENT** - Any references to prepayment are deleted. Payment will be in arrears.
6. **INTEREST** - Should the agreement include a provision for interest on late payments, the Agency agrees to pay the maximum legal rate under West Virginia law. All other references to interest or late charges are deleted.
7. **RECOUPMENT** - Any language in the agreement waiving the Agency's right to set-off, counterclaim, recoupment, or other defense is hereby deleted.
8. **FISCAL YEAR FUNDING** - Service performed under the agreement may be continued in succeeding fiscal years for the term of the agreement, contingent upon funds being appropriated by the Legislature or otherwise being available for this service. In the event funds are not appropriated or otherwise available for this service, the agreement shall terminate without penalty on June 30. After that date, the agreement becomes of no effect and is null and void. However, the Agency agrees to use its best efforts to have the amounts contemplated under the agreement included in its budget. Non-appropriation or non-funding shall not be considered an event of default.
9. **STATUTE OF LIMITATION** - Any clauses limiting the time in which the Agency may bring suit against the Vendor, lessor, individual, or any other party are deleted.
10. **SIMILAR SERVICES** - Any provisions limiting the Agency's right to obtain similar services or equipment in the event of default or non-funding during the term of the agreement are hereby deleted.
11. **ATTORNEY FEES** - The Agency recognizes an obligation to pay attorney's fees or costs only when assessed by a court of competent jurisdiction. Any other provision is invalid and considered null and void.
12. **ASSIGNMENT** - Notwithstanding any clause to the contrary, the Agency reserves the right to assign the agreement to another State of West Virginia agency, board or commission upon thirty (30) days written notice to the Vendor and Vendor shall obtain the written consent of Agency prior to assigning the agreement.
13. **LIMITATION OF LIABILITY** - The Agency, as a State entity, cannot agree to assume the potential liability of a Vendor. Accordingly, any provision limiting the Vendor's liability for direct damages or limiting the Vendor's liability under a warranty to a certain dollar amount or to the amount of the agreement is hereby deleted. In addition, any limitation is null and void to the extent that it precludes any action for injury to persons or for damages to personal property.
14. **RIGHT TO TERMINATE** - Agency shall have the right to terminate the agreement upon thirty (30) days written notice to Vendor.
15. **TERMINATION CHARGES** - Any provision requiring the Agency to pay a fixed amount or liquidated damages upon termination of the agreement is hereby deleted. The Agency may only agree to reimburse a Vendor for actual costs incurred or losses sustained during the current fiscal year due to wrongful termination by the Agency prior to the end of any current agreement term.
16. **RENEWAL** - Any reference to automatic renewal is hereby deleted. The agreement may be renewed only upon mutual written agreement of the parties.
17. **INSURANCE** - Any provision requiring the Agency to insure equipment or property of any kind and name the Vendor as beneficiary or as an additional insured is hereby deleted.
18. **RIGHT TO NOTICE** - Any provision for repossession of equipment without notice is hereby deleted. However, the Agency does recognize a right of repossession with notice.
19. **ACCELERATION** - Any reference to acceleration of payments in the event of default or non-funding is hereby deleted.
20. **AMENDMENTS** - All amendments, modifications, alterations or changes to the agreement shall be in writing and signed by both parties. No amendment, modification, alteration or change may be made to this addendum without the express written approval of the Purchasing Division and the Attorney General.

ACCEPTED BY:  
STATE OF WEST VIRGINIA

Spending Unit: \_\_\_\_\_

Signed: \_\_\_\_\_

Title: \_\_\_\_\_

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

VENDOR

Company Name: Hayhurst Equipment, Inc.

Signed: 

Title: Ag. Sales Mgr.

Date: 21 August 2007

Hayhurst Equipment, Inc.  
HEI  
435 West Myles Ave.  
Pennsboro, WV 26415

'SERVING THE AREA SINCE 1921"  
Toll Free: 1-866-659-2917  
heinc@citynet.net  
THE DESK OF PHILLIP A. COTTRILLE  
[Paslc1@hotmail.com](mailto:Paslc1@hotmail.com)

21 August 2007

Department of Agriculture  
Land Section  
Pruntytown State Farm  
Route 50 East  
Grafton, WV 26354  
Ref: AGR0813  
Per: Alternate Specifications

Ms. Ferrell,

In reviewing the requested specifications I am submitting this letter with my bid to explain minor deviations and/or exceptions to said requested specifications.

As these specifications make no reference to "must be" or "shall be" the referenced letter is for your information only. I represent both John Deere and (FORD) New Holland product lines and have vast knowledge of both product offerings; my reason for bidding the (FORD) New Holland product is simply due to the difference in pricing and performance.

**EXCEPTIONS:**

Engine displacement: Request 276 c.i., our product offers 274 c.i.  
Engine Design: Request Wet Sleeve, our product offers Parent Bore (superior Design and less maintenance)  
Hydraulic System: Request 17.5 GPM, our product offers 27.1 (superior performance)  
3-Point Lift Cap.: Request 5,028#, our product offers 8,813# (superior performance)  
O.A. Length: Request 168.9" our product offers 168" w/o Loader and 252" w/Loader  
Min. Weight: Request 8,987#, our product offers 10,383# (Better Loader performance and more stability.)  
Rear Axle: Request 8-position Flanges Axle, our product offers a HD Bar Axle design providing infinite adjustability of rear tires/wheels w/o the usual manual labor required on the requested axle design.

**FACTORY OPTIONS:**

These are items that were not requested in the RFQ but are part of the package that we ordered.

2-Full vision externally mounted, adjustable mirrors.  
Rear window wiper with front and rear washer.  
Additional left side storage compartment in cab.  
HD 1300 CCA Battery.  
Deluxe Air suspension Seat w/retractable seat belts.  
Sunshade.  
Front weight bracket.

**AVAILABILITY:** The unit is on our lot in Pennsboro with loader installed. The unit has already been pre-serviced. We would require 7-10 days to install the 3<sup>rd</sup> rear remote valve and acquire the requested Bale Spear. HEI could deliver requested unit by the second week in September.

**MODEL YEAR:** Per the requested RFQ said unit is NOT a current model but is new as per New Holland invoice.

**SHIP DATE:** 22 August 2006

**WARRANTY:** Full 2-year factory warranty. Price of Tractor/Loader includes service calls to farm (Pruntytown) during the length of Factory Warranty. All warranty issues considered New Holland responsibility would be covered 100%. Items not considered New Holland responsibility shall be billed to the Department of Agriculture @ \$50.00/hour, point to point. Any trucking and/or travel time required during said 2-year warranty at a location other than Pruntytown will be charged \$50.00/hour prorated from Pruntytown.

Hayhurst Equipment sincerely appreciates the opportunity to provide this information to you for your consideration. If you have further concerns or questions or if you would prefer to evaluate the equipment quoted by visiting our dealership, please contact me at your earliest convenience.

Respectfully yours;



Phillip A. Cottrille  
Agricultural Sales Manager  
[Paslc1@hotmail.com](mailto:Paslc1@hotmail.com)  
866-659-2917



NEW HOLLAND

CNH AMERICA LLC AND CNH CANADA, LTD.

WARRANTY AND LIMITATION OF LIABILITY AGREEMENT - AGRICULTURAL PRODUCTS

COVERAGE PROVIDED

CNH America LLC or CNH Canada, Ltd., hereinafter called "Company" or "New Holland" warrants to the retail purchaser of each new Product (as listed below) that the Selling Dealer or authorized New Holland dealer will repair or replace any part thereof found to be defective in materials or workmanship within the following periods. This warranty is for the benefit of the original or subsequent purchaser.

BASIC WARRANTY

Table with 2 columns: Product, Warranty Period (whichever comes first). Rows include Harvesting, Materials Handling Equipment and Implements (12 Months), 2300 Series Sickle Hay Headers (24 Months), Self Propelled Forage Harvester Models (24 Months), Compact Tractor Models (24 Months), Agricultural and Compact Tractors (24 Months), NH IntelliSteer (24 Months), Sprayers (12 Months), Replacement Parts (180 days).

\*Effective Jan. 1 2003

\*\*The components covered by extended Power Train warranty consists of the following:

ENGINE - All internal lubricated parts, cylinder block, cylinder head, oil pan, oil pump, seals & gaskets, head gasket, fuel injection pump and lines, turbocharger unit (factory installed), timing gear cover, timing gears, and valve cover.

TRANSMISSION - Transmission case and all internal lubricated parts, torque converter, auxiliary drive axle transfer case, seals and gaskets.

MAIN DRIVE AXLE(S) - Center & drive axle housing and all internal lubricated parts, axle shafts, bearings (wheel and axle hub), final drive housing and all internal lubricated parts, auxiliary drive axle transfer case, PTO-clutch, internal shafts and bearings, seals and gaskets.

AUXILIARY DRIVE AXLE - Axle housing and all internal lubricated parts, axle shafts, bearings (wheel and axle hub), final drive housing and all internal lubricated parts, seals and gaskets, drive shaft and universal joints.

LIMITATIONS, INCLUDING DISCLAIMER OF IMPLIED WARRANTIES AND CONSEQUENTIAL DAMAGES

New Holland does not authorize any person or dealer to create for it any other obligation or liability in connection with these products. TO THE EXTENT ALLOWED BY LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, APPLICABLE TO THIS PRODUCT IS LIMITED TO THE STATED DURATION OF THIS WRITTEN WARRANTY. NEITHER COMPANY NOR THE SELLING DEALER SHALL BE LIABLE FOR LOSS OF THE USE OF THE PRODUCT, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS OR CONSEQUENTIAL DAMAGES.

The remedy of repair or replacement of a defective part during the warranty period herein specified shall be the purchaser's exclusive remedy. This warranty does not cover delivery charges or travel time.

PROTECTIVE EQUIPMENT

Rollover protective structure (ROPS) and seat belts are provided as standard equipment on all New Holland agricultural tractors and we strongly recommend their use. Customers who elect to remove or not use this protection do so at their own risk.

- I acknowledge the existence of OSHA regulations pertaining to ROPS/FOPS.
The correct Operator's Manual has been furnished to me.
The correct Operator's Manual has been reviewed with me by the selling dealer and will be furnished to me upon delivery of the product.
Safety precautions were explained to me by the selling dealer.
Safety features of the product were explained to me by the selling dealer.
The dealer has reviewed any applicable Federal Emissions Warranty and I understand its provisions.

ACKNOWLEDGMENT (check one)

Owner Transfer New Equipment Sale

APPLICATION (check one)

Scraper Non-Scraper

The blank spaces under "Protective Equipment" have been filled in and are correct, and I acknowledge that I have read and I accept this Warranty and Limitation of Liability Agreement.

Purchaser Dealer Code
Address Address
City State Zip City State Zip
Model Serial No. Retail Date
Attachment Model SN
Attachment Model SN
Purchaser Date Dealer Date
Signature Signature

# LIMITATIONS AND EXCLUSIONS

The warranty period will begin on date of original retail sale or date of original use, whichever is earlier.

- The obligation of Company to the purchaser under this warranty is limited to the repair or replacement of defective parts by an authorized New Holland dealer and will be done free of charge for both parts and labor using genuine New Holland replacement parts. Repair or replacement in accordance with this warranty shall constitute fulfillment of all liabilities of Company and the Selling Dealer in respect to such Products.
- Repairs or replacements will be performed by the Selling Dealer, following delivery of the Product by the purchaser to the Dealer's place of business. At the customer's request, any New Holland dealer authorized to sell and service the described Products shall perform the repair at its dealership.
- The Selling Dealer shall review these warranty provisions with the purchaser prior to retail sale, secure his acknowledgment of delivery of this warranty and record the date of original retail sale or date of original use.
- To obtain warranty service, the purchaser must (1) report the product defect to an authorized New Holland dealer and request repair within the applicable warranty term and (2) present evidence of the warranty start date.

## DEFINITION OF COMMERCIAL AND/OR SCRAPER APPLICATION

1. A commercial and/or scraper application is defined as any agricultural tractor that is used in a scraper, earthmoving, other commercial (see #2), or non-agricultural application, for which the owner receives compensation. The only exception is a customer using a scraper on his or her own farm to level land for agricultural crop production and is limited to 50% or less of annual accumulated hours of operation.
2. Other uses of agricultural tractors that are considered Commercial include, but are not limited to: site preparation, excavation, pond building and forestry applications.
3. Misrepresenting the intended application on the Warranty and Limitation of Liability form will void Base Warranty and Extended Service Plan coverage. No refunds will be issued.
4. Any tractor used in a commercial scraper application is ineligible for agricultural Extended Service Plan.

## ITEMS NOT COVERED BY WARRANTY

1. Labor, which is part of pre-delivery or scheduled inspection service.
2. Repairs arising from storage deterioration, failure to maintain the equipment, negligence, alteration, improper use of the equipment, collision or other accident, vandalism, or other casualty, or operation beyond rated capacity or specification.
3. Repairs arising from abuse or neglect including, but not limited to: operation without adequate coolant or lubricants, adjustments to the fuel system outside equipment specifications, improper storage, starting, warm-up, or shutdown practices, incorrect fuel or contaminated fuel, oil or other fluids.
4. Normal maintenance services, such as engine fuel system cleaning.
5. Replacement of wear items including, but not limited to: filters, light bulbs, flasher switches, spark plugs, ignition points, brake or clutch linings, fuses, belts, chains, knives, bucket cutting edges and teeth, crawler track pads and track components, crop processing and cutting components, drive sprockets and chains, soil engaging tools and accessories, or items replaced due to customer demand.
6. Labor charges performed by anyone except an authorized New Holland dealer, unless they qualify under special provisions, i.e. outside labor.
7. Incidental claims for items such as towing, service calls, or transporting a unit to and from the place where the warranty service is performed.
8. Claims involving a unit that was damaged in transit or handling and was subsequently sold as a "salvage" unit.
9. Units which were purchased from the Company's used equipment inventory when such units are sold on an "as is" basis, unless otherwise specified in writing at the time of sale.
10. Lost or stolen equipment.
11. Normal maintenance parts and labor including, but not limited to: replenishment of oils, lubricants, coolants, fluids, thermostats or filters. Exceptions include: received low level from the factory found during pre-delivery inspection, or where loss or contamination is directly caused by failure of component, i.e., engine, transmission, and rear axle, acknowledged by the company to be defective in material or workmanship.
12. Inspection or reconditioning of units.
13. Claims involving original equipment repair of an OEM unit, which is covered by warranty to the OEM customer.
14. Components or items that are separately warranted to the purchaser by the manufacturer, such as engines, transmissions, tires, batteries, fuel injection, etc., shall be warranted directly by their respective manufacturer.
15. Repairs arising from any unauthorized modification to the product or the use of non-New Holland parts, implements or attachments.
16. Removal and replacement of non-New Holland attachments and components.
17. Premiums charged for overtime or out of shop expenses.
18. Economic loss including lost profits, crop loss, equipment rental, or other expense.
19. Unauthorized modification or "field fixes", i.e., updating machines based on Service Bulletin information, or running production changes.
20. Dealer shop supplies including consumable items used for repairs including, but not limited to: solvents, cleaners, anti-seize lubricants, oil-dry, shop towels and special tools.
21. Warranty shall NOT apply to any product normally operated outside of the United States and/or Canada. Likewise, any unit purchased outside of the U.S. or Canada and imported in for any reason other than a customer relocation/personal move will not be covered by warranty in the U.S. or Canada.
22. Failure of machine, its implement or attachments caused by improper field application or loading.

## RIGHT TO MAKE DESIGN CHANGES

Company reserves the right to make changes in the design and other changes in its products at any time and from time to time without notice and without incurring any obligation with respect to any product previously ordered from it, sold or shipped by it.

# NEW! TS-A Series Standard Tractors 90 to 110 PTO hp

TS110A TS115A TS130A



NEW HOLLAND



TS-A Series standard tractors combine reliable power with convenience and comfort to make an ideal tractor for livestock and row-crop applications

### High-torque power without the extras

Modern, fuel-efficient engines deliver superior torque rise and responsive power. You get the performance you need with minimum complexity. A 67-gallon fuel tank is standard on the six-cylinder TS115A and TS130A models.

### Dedicated left-hand shuttle lever

Every TS-A model gives you the convenience of a forward/reverse shuttle lever to the left of the steering column for fast direction changes. Add the power shuttle option available on the 24x24 or 16x16 transmissions for even faster cycle times. You choose the transmission that best matches your needs:

- 12 x 12 Synchro Command™ transmission
- 24 x 24 Dual Command™ transmission
- 16 x 16 Electrosift™ transmission

### Perfect for loader work

Add the 56LB Quick Attach loader with seat-mounted joystick and you have a complete package for material handling. The low-profile design enhances visibility and the two-position lift cylinder provides the option of increased lift height.

### Spacious, quiet, comfortable cab

- Panoramic views
- Unique high-visibility panel in roof gives an exceptional view to a raised loader bucket
- Tilt steering column
- Conveniently placed controls

# TS-A Series Standard Tractor Specifications

Model	TS110A Standard	TS115A Standard	TS130A Standard	Model	TS110A Standard	TS115A Standard	TS130A Standard
<b>Engine:</b>				Rear Remotes, open center	.....2, 3.....		
Gross Engine Horsepower, hp (kW)	110 (82.1)	115 (85.8)	130 (97)	Mid-Mount Loader Valve (Optional)	.....2 or 3 valves.....		
PTO Horsepower, hp (kW)	90 (67.1)	95 (70.9)	110 (82.1)	Draft Control Type	.....Mechanical.....		
Rated RPM	.....2200.....			Hitch Category, MDC	.....II.....		
Number of Cylinders	4	6	6	Hitch Lift Capacity, standard, lbs (kg)	4,878 (2213)	4,878 (2213)	7,509 (3406)
Displacement, cu. in. (L)	274 (4.5)	411 (6.7)	411 (6.7)	optional	.....8,813 (3998).....		
Aspiration	.....Turbocharged and Intercooled.....			3 point hitch leveling	.....One turnbuckle on right-hand arm.....		
Air Cleaner	.....Dry Type Dual Element.....			<b>PTO</b>			
Fan	.....Viscous.....			Type	.....Multi-Plate Wet Clutch with.....		
Fuel Injection	.....Mechanical Governor.....			.....electro-hydraulic engagement.....			
Injection Pump	Delhi	Bosch	Bosch	Speeds	.....540/1000 RPM.....		
Fuel Capacity, gal (L)	47.5 (180)	67 (254)	67 (254)	<b>Estimated Weight, lbs (kg)</b>			
<b>Electrical:</b>				ROPS 2WD	9,060 (4110)	9,986 (4530)	10,052 (4560)
Alternator Amps	.....120.....			ROPS FWA	9,435 (4280)	10,361 (4700)	10,427 (4730)
Battery Capacity (CCA)	.....800 standard (960 optional).....			Cab 2WD	10,008 (4540)	10,890 (4940)	10,978 (4980)
	.....w/grid heater starting aid option.....			Cab FWA	10,383 (4710)	11,265 (5110)	11,331 (5140)
Cab lights	.....2 headlights, 4 front work lights.....			<b>Approximate Dimensions, in (mm)</b>			
	.....and 2 rear work lights.....			Height to top of ROPS (Up Position)	112.4 (2855)	114.1 (2898)	114.1 (2898)
ROPS lights	2 headlights, 2 front work lights, 1 rear work light			Height to top of Cab	109.9 (2791)	111.0 (2819)	111.0 (2819)
<b>Transmission</b>				Wheelbase, 2WD	93.3 (2370)	104.4 (2652)	104.4 (2652)
Transmission, standard	12x12 Synchro Command™ with mechanical shuttle		16x16 Electroshift™ with power shuttle	Wheelbase, FWD	94.9 (2412)	104.7 (2661)	104.7 (2661)
Transmission, optional	24x24 Dual Command™ with power shuttle		—				
Transmission, optional	16x16 Electroshift™ with power shuttle		—				
<b>Axles*</b>							
2WD, standard	.....6-bolt hub standard.....						
	.....Heavy-duty 8-bolt hub optional.....						
FWA, standard	Class 2 standard		Class 3				
	Class 3 optional						
* Note: Heavy Duty 8 bolt hub or Class 3 Axle is required for use with loaders and boom mowers							
Front Axle Differential	.....Limited slip.....						
Rear Axle	.....Flange axle standard, 98 in. bar axle optional.....						
Rear Differential Lock	.....Electro hydraulic.....						
Brakes	.....Hydraulic wet disc.....						
<b>Hydraulics &amp; Hitch</b>							
Hydraulic System	.....Open Center.....						
Steering and Service Pump, gpm (lpm)	.....10.5 (40).....						
Implement Pump, gpm (lpm)	.....16.6 (63).....						
Total Tractor Flow, gpm (lpm)	.....27.1 (103).....						



Lift and place loads fast when you add the New Holland 56LB front-end loader to your new TS-A Standard tractor. The 56LB features a lift height of 12 feet, a breakout force of 5,400 pounds and a selection of attachments, including a pallet fork, bale spear and bale/silage grapple.

Cab standard equipment: Low profile roof with fixed visibility panel, mechanical suspension w/swivel, tilt steering wheel, two-speed front wiper

Cab options: Air Ride seat w/swivel, two external mirrors, sun shade, dealer-installed instructor seat

## YOUR NEW HOLLAND DEALER

Visit our Web site at [www.newholland.com/na](http://www.newholland.com/na) Or, call toll-free: 1-888-290-7377

**CNH** NEW HOLLAND IS A BRAND OF CNH. A GLOBAL LEADER IN AGRICULTURAL AND CONSTRUCTION EQUIPMENT AND FINANCIAL SERVICES.

Design, materials and/or specifications are subject to change without notice and without liability therefor. Specifications are applicable to units sold in Canada, the United States, its territories and possessions, and may vary outside these areas.



Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.



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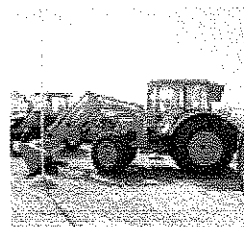
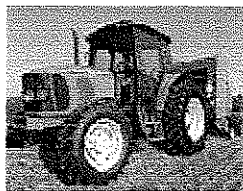
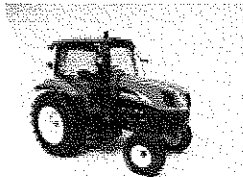


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**SPECIFICATIONS**



<input type="checkbox"/>	Make	New Holland	John Deere	Kubota	McCormick
<input type="checkbox"/>	Model	TS110A Standard	6415	M105X	C105 Max
<b>Engine Performance</b>					
<input type="checkbox"/>	Gross Engine Power, hp (kW)	110 (82)	104.6 (79.5)	108 (80.5)	98.6 (72.5)
<input type="checkbox"/>	Net Engine Power, hp (kW)	np	100 (74.6)	105 (78.2)	np
<input type="checkbox"/>	Rated Engine Speed, rpm	2200	2300	2600	2200
<b>PTO Performance</b>					
<input type="checkbox"/>	PTO Horsepower, Basic Transmission, hp (kW)	90 (67.1)	86 (63)	90 (67.1)	88 (65)
<b>Basic Engine</b>					
<input type="checkbox"/>	Engine Make	New Holland	John Deere	Kubota	Perkins
<input type="checkbox"/>	Engine Model	F4CE0484A*D6	4045HL272	V3800TIE2	1104C-44T
<input type="checkbox"/>	Number of Cylinders	4	4	4	4
<input type="checkbox"/>	Displacement, cu in (L)	273 (4.5)	276 (4.5)	230 (3.77)	268 (4.4)
<input type="checkbox"/>	Aspiration	Turbo-Intercooled	Turbo-Intercooled	Turbo-Intercooled	Turbocharged
<input type="checkbox"/>	Engine Bore, in (mm)	4.0 (104)	4.19 (106.5)	3.94 (100)	4.1 (105)
<input type="checkbox"/>	Engine Stroke, in (mm)	5.19 (132)	5.00 (127.0)	4.72 (120)	5.0 (127)
<b>Cooling System</b>					
<input type="checkbox"/>	System Type	Water-Cooled	Water-Cooled	Water-Cooled	Water
<b>Cold Start</b>					
<input type="checkbox"/>	Cold Start Aid	optional	np	Glow plug	Thermostarter (Glow plugs)
<b>Alternator</b>					
<input type="checkbox"/>	Cold Cranking Amperage, Amps	800	np	900	600
<input type="checkbox"/>	Battery Capacity, Amp-hours	np	110 -154	100	170
<b>Basic Transmission Configuration</b>					
<input type="checkbox"/>	Transmission Type	Synchronized Gears	Gear	Powershift	Gear
<input type="checkbox"/>	Manufacturer's Description	12x12 Synchro Command	SyncroPlus	Intelli-Shift	12 + 12 Synchro shuttle

☐	Number of Forward / Reverse Speeds	12F / 12R	12F / 4R	16F / 16R	12F / 12R
☐	Forward / Reverse Speeds w/ Creeper	24F / 24R	21F / 7R	24F / 24R	na
☐	Transmission Clutch Type or Dump Valve	Dry cerametallic	PermalClutch 2	Wet multi disc	Single disc dry clutch
☐	Transmission Clutch Diameter, in (mm)	13.0 (330)	9 (229)	5.2 (133)	12.0 (305)
<b>☐ Optional Transmission 1</b>					
☐	Manufacturer's Description	24x24 Dual Command	SyncroPlus	na	24+12 creep speed synchro shuttle
☐	Transmission Type	Powershift between high - low	Gear	na	Gear
☐	Number of Forward / Reverse Speeds	24F / 24R	16F / 16R	na	24F / 12R
<b>☐ Rear Axle Assembly</b>					
☐	Final Drive Type	Planetary	Planetary	Planetary	Spur gear
<b>☐ Differential</b>					
☐	Differential Type	Locking	np	Bevel Gear	Spiral bevel
<b>☐ Front Axle, Non Driving</b>					
☐	Non-Driving Front Axle, Adjustable or Fixed	Adjustable	Adjustable	Fixed	Adjustable
☐	Restricted Front Axle Capacity, lbs (kg)	11,023 (5000)	4,520 (2050)	np	np
<b>☐ Front Axle, Driving</b>					
☐	Front Drive Axle Engagement Method	Electro-hydraulic	np	Electro-Hydraulic	Mechanical
☐	Restricted Front Axle Capacity, lbs (kg)	11,463 (5200)	7,495 (3400)	np	np
<b>☐ Steer Angles And Oscillation</b>					
☐	Steering Configuration	Front Wheel Steer	Front Wheel Steer	Front Wheel Steer	Front Wheel Steer
☐	Non Driving Axle Steer Angle, from center, degrees	55	np	na	52
☐	Front Driving Axle Steer Angle, from center, degrees	55	52	50	55
☐	SuperSteer™ Front Axle Available	No	No	No	No
☐	SuperSteer™ Total Angle, from center, degrees	na	na	na	na
☐	Non Driving Axle Oscillation Angle, +/-, degrees	10 - 12	20	na	np
☐	Front Driving Axle Oscillation Angle, +/-, degrees	12	np	np	np
<b>☐ Steering Hydraulic System</b>					
☐	Steering Type, Power or Manual	Hydrostatic	Hydrostatic	Power	Power
☐	Steering Pump Type	np	np	np	Gear
<b>☐ Service Brake</b>					

Service Brake Type	Wet plate disc	Wet disc	Wet disc	Wet multi disc
Service Brake Operation/Actuation	Hydraulic	Hydraulic	Hydraulic	Hydraulic
<b>Parking Type</b>				
Parking Brake Type	Multi wet disc	np	Wet disc	Wet multi disc
Parking Brake Operation/Actuation	Hand lever- cable	np	Mechanical	Hand lever
<b>PTO Size And Performance</b>				
540 rpm Output Shaft Diameter, in (mm)	1.375 (35)	1.375 (35)	1.375 (35)	1.375 (35)
1000 rpm Output Shaft Diameter, in (mm)	1.375 (35)	np	1.375 (35)	1.375 (35)
PTO operational Type (Independent; Live; Continuous)	Independent	Independent	Live- independent	Independent
Engine rpm at Rear PTO 540 rpm	1969	2143	2205	1944
Engine rpm at Rear PTO 1000 rpm	2120	2208	2389	1916
<b>PTO Clutch</b>				
PTO Clutch Type	Multi plate wet clutch	np	Wet Multi Disc	Multi disc dry clutch
PTO Clutch Diameter, in (mm)	np	np	np	np
PTO Clutch Material	np	np	np	np
<b>System</b>				
Hydraulic System Type	Open center	np	Open center	Open center
System Pressure, psi (bar)	Std 2974 (205)	2500 (172)	2859 (197.1)	2465 (170)
<b>Main Pump</b>				
Main Hydraulic Pump Type	Gear	np	Gear	Gear
Standard Pump Flow, gpm (Lpm)	16.6 (63.0)	np	18.1 (68.4)	14.2 (53.9)
<b>Remote Control Valves</b>				
Number of Standard Remote Valves	2	np	2	1
Optional Remotes, Factory or Dealer Installed	4	4	2	2 or 4
<b>Hitch Features</b>				
Hitch Category	Category 2	Category 2	Category 2	Category 2
Draft Sensing Type	Mechanical lower link	Electronic lower link	Electronic lower link	Electronic top link
<b>Lift Capacity</b>				
Standard Lift Capacity 24 Inches behind, lb (kg)	4,878 (2213)	5,028 (2282)	5,203 (2306)	5,292 (2400)
<b>Drawbar</b>				
Drawbar Type	Swinging	Swinging w/stops	Swinging	Class A swinging or class C/D2 fixed
<b>Instrumentation</b>				

Type of Instrument Cluster	Analog / Digital	Analog	Digital LCD	Analog
<b>Fluid Capacities</b>				
Fuel Tank, gal (L)	47.5 (180)	43.6 (165)	50.2 (190)	25.1 (95)
<b>Vertical</b>				
Height to Top of ROPS raised, in (mm)	112.4 (2856)	np	np	102.8 (2610)
Height to Top of ROPS folded, in (mm)	np	np	np	np
Height to Top of Exhaust, in (mm)	113.2 (2876)	np	np	np
Ground Clearance at Drawbar, in (mm)	16.7 (426)	np	np	np
Front Axle Clearance, in (mm)	16.8 (427)	18.7 (475)	23.2 (590)	17.3 (440)
<b>Length</b>				
Length, 2WD, including Rear Hitch, in (mm)	163.1 (4145)	np	na	163.8 (4160) w/ front wts
Length, 4WD, including Rear Hitch, in (mm)	164.6 (4182)	np	163.4 (4150)	163.8 (4160) w /front wts
Length, SuperSteer, incl. Rear Hitch, in (mm)	na	na	na	na
Wheelbase, 2WD, in (mm)	93.3 (2370)	94.5 (2400)	na	93.1 (2365)
Wheelbase, 4WD, in (mm)	94.9 (2412)	94.5 (2400)	95.9 (2435)	92.1 (2340)
Wheelbase, SuperSteer, in (mm)	na	np	na	na
<b>Width</b>				
Overall Width, in (mm)	85.4 (2170)	na	83.7 (2125)	63.8 - 86.6 (1620 - 2200)
Front Wheel Track, 2WD, minimum, in (mm)	56.0 (1422)	58.5 (1487)	na	55.9 (1420)
Front Wheel Track, 2WD, maximum, in (mm)	84.0 (2134)	80.5 (2043)	na	75.59 (1920)
Front Wheel Track, 4WD, minimum, in (mm)	55.4 (1407)	59.7 (1516)	60.2 (1530)	66.4 (1687)
Front Wheel Track, 4WD, maximum, in (mm)	83.0 (2108)	79.4 (2017)	65.4 (1660)	74.3 (1887)
Rear Wheel Track, minimum, in (mm)	56.1 (1426)	63.5 (1612)	60.2 (1530)	63.5 (1612)
Rear Wheel Track, maximum, in (mm)	79.8 (2026)	78.9 (2004)	80.1 (2035)	79.2 (2012)
<b>Weight</b>				
Total Weight, 2WD w/ROPS, lb (kg)	9060 (410)	7,695 (3490)	na	6,900 (3130)
Total Weight, 4WD w/ROPS, lb (kg)	9435 (4280)	8,102 (3675)	np	7,450 (3380)
Total Weight, 4WD w/Cab, lb (kg)	10,383 (4710)	8,987 (4085)	8,987 (4085)	7,740 (3510)
<b>Turn Radius To Outside Of Front Wheel</b>				
Turn Radius, 2WD, With Brakes, in (mm)	129 (3277)	np	na	np
Turn Radius, 4WD, With Brakes, in (mm)	139.3 (3540)	np	np	np

<input type="checkbox"/>	Turn Radius, 2WD, Without Brakes, in (mm)	144.0 (3660)	166.8 (4237)	na	165 (4191)
<input type="checkbox"/>	Turn Radius, 4WD, Without Brakes, in (mm)	194.4 (4940)	176.4 (4481)	150 (3810)	165 (4191)
<hr/>					
<input type="checkbox"/>	<b>Tire Size</b>				
<hr/>					
<input type="checkbox"/>	Standard Tire Size, 2WD Front	7.50 x 16	10.00-16	na	9.00-16
<input type="checkbox"/>	Standard Tire Size, 4WD Front	14.9 R24	12.4-24	13.6R24	380/70R24
<input type="checkbox"/>	Standard Tire Size, Rear	16.9 R38	18.4-34	18.4R34	480/70R34

na = Not Applicable, np = Not Published

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