

DATE PRINTED

RFQ COPY

TYPE NAME/ADDRESS HERE

Beckley, WV 25801

3797 Robert C Byrd Drive

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

### Request for Quotation

DNR209018

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FRANK	WHITTAKER
304-5 <u>5</u>	8-2316

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Ashworth's Inc dbn Unted Cycle

DIVISION OF TOURISM & PARKS KUMBRABOW STATE FOREST ATTN: PARK SUPERINTENDENT BOX 65 HUTTONSVILLE, WV 26273 335-2219

08/25		TERMS OF SALE	SHIP VIA	FO.B.	FREIGHTTERMS
BID OPENING DATE		8/2008	BID	OPENING TIME (	]   :30PM
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0001	TRACTORS, I	LS I FARM, WHEEL	020-89 - TYPE	46,825.0	8 46,825.08
	SOLICITING	RGINIA DIV BIDS FOR 1 ATTACHMENT	ISION OF NATURAL KUBOTA MODEL M6	, FOR THE AGENCY, RESOURCES, IS 040 TRACTOR OR D TO THE KUMBRABO	
	WV PURCHASI AT 304-558- DEADLINE FO SEPTEMBER O QUESTIONS W DEADLINE. N	NG DIVISIO 4115 OR EM 18 ALL TECH 18, 2008 AT 11LL BE RES 10NTECHNICA	UST BE SUBMITTED IN C/O FRANK WHIT INICAL AT FRANK.M.WI INICAL QUESTIONS CLOSE OF BUSINES PONDED TO BY ADDIT L QUESTIONS MAY 1 BID OPENING.	TAKER VIA FAX HITTAKERƏWV.GOV. IS MONDAY, SS. ALL TECHNICAL	
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	( ) BIDDE	R IS AN INI	IVIDUAL RESIDENT	VENDOR AND	
GNATURE // //	1 1	SEE RE	VERSE SIDE FOR TERMS AND CO	l VDITIONS	
16 13	7U4		TELEPHONE	252-9775 DATE 9	-17-08
TLE Dres	1	Tin 55 056	2759-001	ADDRESS CHANGES	TO BE NOTED ABOVE
WHE	N RESPONDING	TO RFQ, INSEP	RT NAME AND ADDRESS	IN SPACE ABOVE LABELE	D 'VENDOR'

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

- 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 may be deemed null and void, and 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.
- West Virginia Alcohol & Drug-Free Workplace Act: If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

#### **INSTRUCTIONS TO BIDDERS**

- Use the quotation forms provided by the Purchasing Division.
- 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: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



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

# Request for Quotation

SHIP VIA

DNR209018

PAGE

FRANK WHITTAKER
304-558-2316

F.O.B. FREIGHT TERMS

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RFQ COPY
TYPE NAME/ADDRESS HERE
Ashworthic Inc dba Unled Cycle
3747 Robert C. Byrd Dr
Beddey WV 25801

TERMS OF SALE

DIVISION OF TOURISM & PARKS KUMBRABOW STATE FOREST ATTN: PARK SUPERINTENDENT BOX 65 HUTTONSVILLE, WV 26273 335-2219

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

### Request for Quotation

RFO NUMBER <u>DNR209018</u>

Address correspondence to a frention of

FRANK WHITTAKER 304-558-2316

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DIVISION OF TOURISM & PARKS KUMBRABOW STATE FOREST ATTN: PARK SUPERINTENDENT **BOX 65 HUTTONSVILLE, WV** 

26273 335-2219

DATE PRINTED TERMS OF SALE F,O.B. SHIP VIA FREIGHTTERMS 08/25/2008 **BID OPENING DATE:** 09/18/2008 **BID OPENING TIME** 01:30PM CAT. LINE QUANTITY UOP ITEM NUMBER UNITPRICE AMOUNT 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. BIDDER UNDERSTANDS IF THE SECRETARY OF TAX & 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 (A) RESCIND THE CONTRACT OR PURCHASE PURCHASING TO: 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. 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. 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 SEE REVERSE SIDE FOR TERMS AND CONDITIONS SIGNATURE TELEPHONE DATE 3047252-9775 9-17-05 55-056-2759 ADDRESS CHANGES TO BE NOTED ABOVE



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

# Request for Quotation

DNR209018

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304-558-2316 DIVISION OF TOURISM & PARKS

KUMBRABOW STATE FOREST ATTN: PARK SUPERINTENDENT BOX 65 HUTTONSVILLE, WV

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

### Request for Quotation

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FREIGHT TERMS

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FRANK WHITTAKER 304-558-2316

RFO COPY TYPE NAME/ADDRESS HERE A Showth's Inc dba: United Gole 3797 Robert C. Byrd Dr. Beckley, WV 25901

TERMS OF SALE

DIVISION OF TOURISM & PARKS KUMBRABOW STATE FOREST ATTN: PARK SUPERINTENDENT BOX 65 HUTTONSVILLE, WV 26273 335-2219

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### Agricultural Tractor Specifications for Kumbrabow State Forest

7/31/08

### Agricultural Tractor- Kubota Model M6040 with canopy or equal

Engine Horsepower- 60 HP minimum Liquid Cooled Diesel Engine with 110 volt block heater

Hydraulic Independent PTO, minimum PTO horsepower 55, minimum PTO rpm 540 Minimum hydraulic pump flow 11 gpm, Category II-3 point hitch with telescopic lower link ends, minimum lift capacity 3307 lbs

4 Wheel Drive easy shift or equal Synchronized Shuttle Transmission

Agricultural Tires front and back-Loaded

Mechanical wet disc brakes

Heavy Duty Loader, Robust F-8 by Stoll or equal with minimum 73" heavy duty material bucket Mechanical self-leveling bucket, with minimum lift capacity of 4495 from 0' to 5' Must have Easylock or quick Connect/disconnect capability

BH90-X Groundbreaker-X Backhoe by Woods or equal 9ft Backhoe with adjustable mechanical thumb-24" material bucket with teeth with stabilizer feet and curved boom Frame Mount NOT NECESSARY cylinder swing frame mount with quick attach/detach on implement and hydraulic lines digging force minimum 4,180 lbs. 3 POINT MOUNT (FACTORY RECOMMENDATION)

Warranty

Tractor Minimum Warranty-Bumper to Bumper-minimum 2 years parts and labor Loader and Boom Minimum Warranty-1 year Backhoe Minimum Warranty-1 year

Deliver to Kumbrabow State Forest Onsite training to be provided when delivery is made.

#### **Optional Purchase**

7ft sickle bar implement, 3 point PTO attachment only Sickle Bar Minimum Warranty 1 year

New HOLLAND 451 \$ 8235,00

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RFQ No	
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## STATE OF WEST VIRGINIA Purchasing Division

### **PURCHASING AFFIDAVIT**

#### **VENDOR OWING A DEBT TO THE STATE:**

West Virginia Code §5A-3-10a provides that: 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.

#### PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

West Virginia Code §21-1D-5 provides that: Any solicitation for a public improvement construction contract shall require each vendor that submits a bid for the work to submit at the same time an affidavit that the vendor has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. A public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun

#### ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

#### LICENSING:

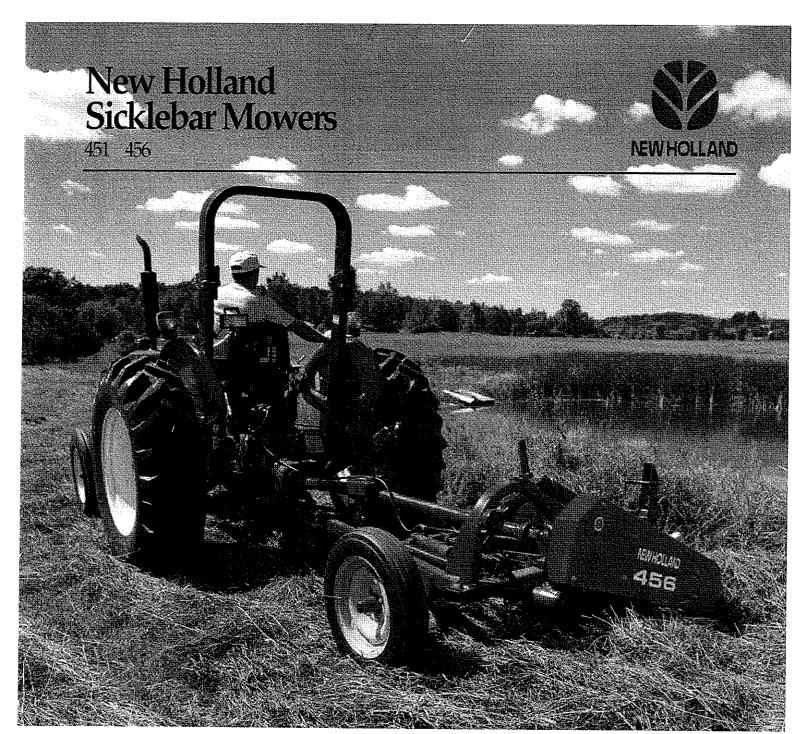
Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, 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 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 is in compliance with the requirements as stated

Vendor's Name:	Ashorths Inc dbs	: U.v.ted Gole	
Authorized Signature:	Myles	Date:	9-17-08
Purchasing Affidavit (Revised	07/01/08)		



Offset wheels on the Model 456 maintain precise tracking to leave a smooth, clean swath

# Smooth cutting and fast, easy hookup

A New Holland sicklebar mower takes the effort out of your cutting chores. It cuts a smooth, fast swath through open fields and makes quick work out of mowing around ponds, buildings and lanes.

The mounted 451 is available with a seven-or nine-foot cutterbar with bolt-on knife sections. The trail-type 456 is only available with a nine-foot cutterbar with bolt-on knife sections. And, both are easy to hook up to your tractor. The mounted Model 451 has an exclusive telescoping yoke that uses tractor power to lift the

mower. No more struggling or straining when it's time to hook up

Pitmanless drive and tapered roller bearings give you fast, smooth cutting with less wear on the knife assembly and hold-down clips There's less noise and vibration and no need for register adjustment. A spring-loaded latch ensures fast breakaway should the cutterbar hit an obstruction. The mower relatches when you back up

Depend on New Holland sicklebar mowers They provide you with convenience and dependable performance

# 82.35.00

Specifications	Model 451				
	seven-foot	nine-foot			
Cutterbar length	7'3" (2210 mm)	9'3" (2819 mm)			
Overall length	3'11" (1188 mm) .				
Overall width		-			
operating	12'5" (3785 mm)				
Height		, ,			
operating	3'3" (991 mm)				
transport * :::::::::::::::::::::::::::::::::::	5'8" (1715 mm)	6'8" (2032 mm)			
Weight, approximate					
Mower drive					
Knives	, ,				
speed are manuscrame announced	1600 strokes per m	inute at 540 <del>rpm</del>			
Cutterbar		. ,			
operating range	15 degrees below he above horizontal	orizontal, 35 degrees			

Tractor requirement....... Fits most CAT I and II 3-point hitch

tractors with 540 rpm PTO

Specifications	Model 456	
Cutterbar length		
Overall length		
Overall width		
operating	,, 15'3" (4648 mm)	
transport	ъвъльт на 7'2" (2175 mm)	
Height .	•	
operating		
transport *	6'8" (2032 mm)	
Weight, approxima	ite 803 lb (364 kg)	
Mower drive	Heavy-duty V-belt	
Knives		
speed	1600 strokes per minute at 540 rpm	

stroke..... Cutterbar

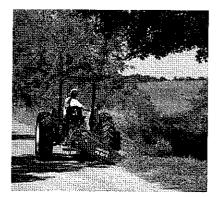
...... 3.375" (86 mm) 

above horizontal

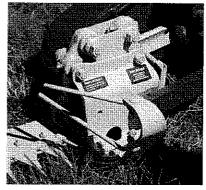
Tractor requirement..... Fits most tractors with standard ASAE

drawbar and 540 rpm PTO

LIFTS: Both lifts operable from the tractor seat. Tractor remote ram required for hydraulic lift on Model 456. Tractor power lift is standard on Model 451



The mounted  $451\ has\ an\ exclusive$ telescoping yoke that uses tractor power to lift the mower



Straight-line motion of the drive head provides fast, smooth cutting combined with less wear on the knife assembly and hold-down clips

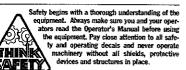
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Visit our Web site at www.newholland.com/na Or, call toll-free: 1-888-290-7377

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

**NEW HOLLAND** 

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.

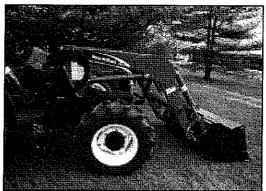


<sup>\*</sup> plus lift range of tractor

TN 75A4 4WD

### TN-A Series Tractor General Bid Specification

The following data is subject to options and product variations. Dimensions and weights are approximate.

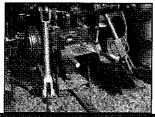


Available with a 16.9 GPM hydraulic pump. Loader cycle times are shortened and productivity increased. A left hand shuttle lever on all models frees the operator's right hand.

The right tire options for golf courses, stadiums, or any turf maintenance application. R1 agricultural tires, and R4 industrial tires are also available.



Boasting the highest 3-pt. lift capacity in its class, the hitch also features flexible link ends, telescoping stabilizers, and a lift arm leveling system for quick and easy hook-up to mounted equipment.



# Check out These Industry Leading Features

- •TN-A tractors have more torque rise than any competitor to pull through all the tough spots.
- •23-gallon fuel tank capacity for a full days work. The Teir-II engine is designed to run on B5 bio-diesel or standard diesel fuel.
- •Lower link draft sensing a big tractor feature in a compact size. It provides sensitivity and precision advantages over a top-link sensing system.
- •3,960 lb. of 3-pt. hitch lift capacity is tops in its class
- •All TN-A tractors are equipped with a left hand shuttle shift. It can be a synchronized mechanical shuttle, or a hydraulic power shuttle.
- •Unmatched lighting package on the TN-A. All models have 2 headlights, 2 front corner work lights, and 1 rear work light, meets ASAE S279.12
- Parking brake is hand operated and completely independent of service brakes.
- A full coverage, non-skid floormat is base equipment on TN-A Standards

# TN-A tractors have plenty of hydraulic remote valve options:

- •Two mid-mount valves controlled by a joystick for loader operation
- •A choice of zero to three rear mounted, lever controlled remote valves.
- Available front ballast packages
- •40kph (25 mph) capable, depending on tire combination (4WD only)

# Comfortable Operator Platform features including:

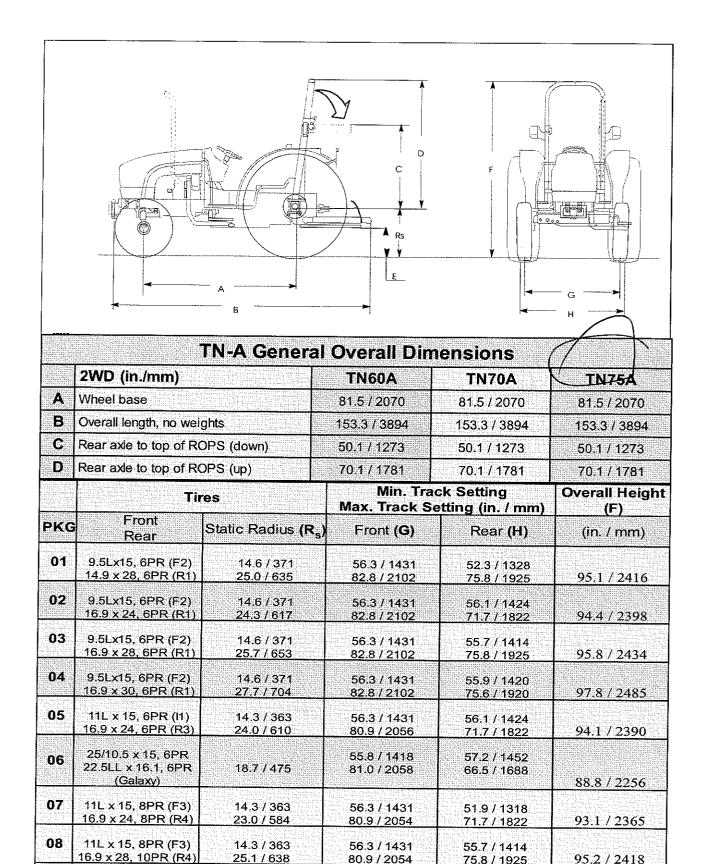
- •Straddle mount design for low operating heights and a low center of gravity.
- •7, 4, and 1pin electrical outlets.
- •A comfortable seat with a deluxe, high back, fore and aft adjustment, weight adjustment, and height adjustment
- •Analog gages and/or warning lights for the tachometer, coolant temperature, fuel level, hour meter, alternator, engine oil pressure, air filter restriction, low brake fluid, transmission status indicator, PTO engaged, parking brake on

# Many factory installed or dealer installed options including:

- Engine block heater
- •Horn kit
- Seat arm rests
- •Fixed or Foldable ROPS structure, meeting SAE J2194
- Blue or White fiberglass canopy
- •Steel FOPS canopy (recommended for loader operation)
- Offset drawbar (for Galaxy tires)
- Cat I lift arm balls, Clevis hitch
- Standard telescopic stabilizers and flexible link ends for a 3-pt. hitch for TN-A Standard tractors
- Standard fixed 3-pt. link ends on TN-A Economy tractors
- Hydraulic filter protection kit
- Horizontal exhaust kit
- Grill guard
- Low profile 2WD axle
- Aspirated air cleaner kit (vertical exhaust only)

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75.8 / 1925

56.1 / 1424

71.7 / 1822

95.2 / 2418

94.6 / 2403

Revised: December 2003

11L x 15, 8PR (F3)

19.5L x 24, 10PR (R4

09

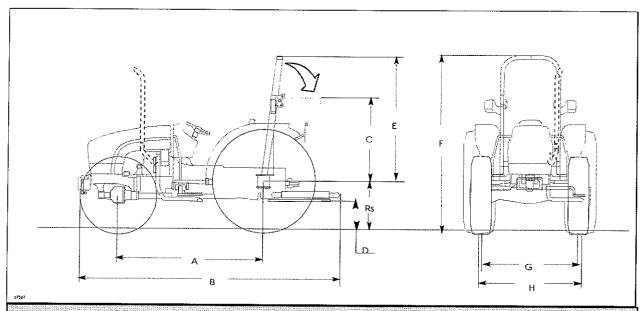
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14.3 / 363

24.5 / 623

56.3 / 1431

80.9 / 2054



1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		TN-A General	Overall Dim	nensions	
	FWD (in./mm)		TN60A	TN70A	TN75A
A	Wheel base		78.9 / 2005	78.9 / 2005	78.9 / 2005
В	Overall length, no wei	ghts	151.6 / 3852	151.6 / 3852	151.6 / 3852
C	Rear axle to top of RO	DPS (down)	50.1 / 1273	50.1 / 1273	50.1 / 1273
E	Rear axle to top of R0	DPS (up)	70.1 / 1781	70.1 / 1781	70.1 / 1781
	Ti	es	Min. Track Setting Max. Track Setting (in. / mm)		Overall Height (F)
PKG	Front Rear	Static Radius (R <sub>s</sub> )		Rear (H)	(in:/mm)
01	11 2 x 20, (R1W) 14.9 x 28, (R1W)	18.7 / 475 25.0 / 635	54.2 / 1376 71.1 / 1806	52 3 / 1328 75.8 / 1925	95,1 / 2416
02	11.2 x 20, (R1W) 16.9 x 24, (R1W)	18.7 / 475 24.3 / 617	54,2 / 1376 71,1 / 1806	56.1 / 1424 71.7 / 1822	94.4 / 2398
03	12.4 x 20, (R1W) 16.9 x 28, (R1W)	19.6 / 498 25.7 / 653	54.2 / 1376 71.1 / 1806	55 7 / 1414 75.8 / 1925	95.8 / 2434
04	11.2 x 24, (R1W) 16.9 x 30, (R1W)	20.8 / 528 27.6 / 701	48.7 / 1236 76.6 / 1945	55.9 / 1420 75.6 / 1920	97.7 / 2482
05	13.6 x 16.1, 8PR (R3) 16.9 x 24, 6PR (R3)	18.3 / 465 24.0 / 610	60.8 / 1544 64.6 / 1640	56.1 / 1424 71.7 / 1822	94.1 / 2390
06	12LL x 16, 6PR 22.5LL x 16.1, 6PR (Galaxy)	18.7 / 475	61.6 / 1565 61.6 / 1565	57.2 / 1452 66.5 / 1688	88.8 / 2256
07	10.5 x 20, 10PR (R4) 16.9 x 24, 8PR (R4)	18.0 / 457 23.0 / 584	52 1 / 1324 73.1 / 1858	51.9 / 1318 71.7 / 1822	93.1 / 2365
08	12.4 x 20, 10PR (R4) 16.9 x 28, 10PR (R4)	25.1 / 638	50.1 / 1272 75.2 / 1910	55.7 / 1414 75.8 / 1925	95.2 / 2418
09	10.5 x 20, 10PR (R4) 19.5L x 24, 10PR (R4)	18.0 / 457 24.5 / 584	52 1 / 1324 73.1 / 1858	56.1 / 1424 71.7 / 1822	94.6 / 2403

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	TN60A	TA170 4	TAIRCA			
Frains	IIVOUA	TN70A	TN75A			
Engine		New Holland engines, manufactured by Ivec	-,			
type	4-cycle, diesel, naturally aspirated	4-cycle, diesel, turbo-charged	4-cycle, diesel, turbo-charged			
number of cylinders	3	3	3			
displacement	179 cu in.	179 cu in.	179 cu in.			
engine horsepower	57	70	75			
PTO horsepower	45	57	62			
fuel tank capacity	23 gallons	23 gallons	23 gallons			
throttle	hand and/or foot operated	hand and/or foot operated	hand and/or foot operated			
air cleaner	ance dual element, dry type with cleanable outer element and replaceable inner safety element					
lubrication	full flow, pressure	Il flow, pressure hibrication with spin on filter cartridge. 300 hour oil change interval				
Transmission						
base on Standard tractor	12x12 with 4 synchronize	ed speeds and 3 non-synchronized ranges, syn	chronized mechanical shuttle			
base on Economy tractor	8x8 with 4 non-synchronized speeds and 2 non-synchronized ranges, synchronized mechanical shuttle					
option	16x16 with 4 synchronized speeds and 4 non-synchronized ranges, synchronized mechanical shuttle					
option		ecds and 4 non-synchronized ranges, electro-h				
traction clutch	heavy duty, 11 in diameter organic clutch		heavy duty, 11 in diameter cerametalic			
	w/ mechanical shuttle	clutch w/ mechanical shuttle	clutch w/ mechanical shuttle			
	heav	y duty, multi-plate, wet clutch pack w/ power	shuttle			
ground speed	1.1 to 18.7 mph w/ base trans & 16.9x30	1.1 to 18.7 mph w/ base trans & 16.9x3	1.1 to 18.7 mph w/ base trans & 16.9x			
final drive / rear axle	inb	oard planetary, maximum axle capateity of 7,7	16 lb.			
differential lock (front / rear)	limited slip / mcch. engaged	limited slip / mech. engaged	limited slip / mech. engaged			
service brake	individual, hydraulic, wet disc	individual, hydraulic, wet disc	individual, hydraulic, wet disc			
parking brake	hand lever engagement, i	ndependent of service brakes, mechanical wet				
	33 0		I			
Front Axle						
2WD	heavy	duty, adjustable, maximum axle capacity of 6	.600 lb.			
minimum track setting	55.8 in.	55.8 in.	55,8 in,			
maximum turn angle	55 degrees	55 degrees	55 degrees			
maximum axle oscillation	12 degrees	12 degrees	12 degrees			
4WD		planetary final drives in wheel hubs, maximum a				
minimum track setting	48.7 in.	48.7 in.	Y			
maximum turn angle	55 degrees		48.7 in.			
naximum axle oscillation	12 degrees	55 degrees	55 degrees			
14Attern axic oscillation	12 degrees	12 degrees	12 degrees			
Steering	nower steering dedicated gear nump 7.2 gpm vi/ mach, chuttle 0.2 gpm vi/ mach					
	Steering power steering, dedicated gear pump, 7.2 gpm w/ mech. shuttle, 9.2 gpm w/ power shuttle					
Hydraulic System	open center	open center	open center			
ystem pressure	2,755 psi	2,755 psi	2,755 psi			
oump capacity - standard	12.4 gpm	12.4 gpm				
tump capacity - optional	16.9 gpm	16.9 gpm	16.9 gpm			
emote valves - standard			N/A			
emote valves -optional	1 open center, rear mounted, lever controlled, with quick couplers					
chare valves -optional	0 to 3 open center, rear mounted, lever controlled with quick couplers					
	two open center, mid-mounted, joystick controlled for loader operation					
3-Point Hitch	category II, rear	ontarion II	***			
- a vair ariivii	adjustable link ends & stabilizers	category II, rear	category II, rear			
SAE lift capacity @ 24 in.		adjustable link ends & stabilizers	adjustable link ends & stabilizers			
raft control	3,960 lb.	3,960 lb.	3,960 Б.			
Tan Control	lower link sensing with	hydraulic position control - ability to blend dra	aft and position control			
Electrical						
ternator	12 Vals 66 A	12.77 6 65 1	10			
	12 Volt, 65 Amp	12 Volt, 65 Amp	12 Volt, 65 Amp			
old cranking amps	730	730	730			
thting, meets ASAE S279.12		ted work lights, 1 rear work light, brake lights				
ises	automotive blade type	automotive blade type	automotive blade type			
WEO						
РТО	independent	independent	independent			
utch	11 in, diameter cerametalic	11 in. diameter cerametalic	11 in. diameter cerametalic			
11/1 <sub>2</sub> - 1 1	OLG CONTRACTOR					
Wheel base	81.5 in. 2WD / 78.9 in. 4WD	81.5 in. 2WD / 78.9 in. 4WD	81.5 m. 2WD / 78.9 m. 4WD			
Unballasted Weight	5,180 lb. 2WD / 5400 lb. 4WD	5,290 lb. 2WD / 5,730 lb. 4WD	5,290 lb. 2WD / 5,730 lb. 4WD			

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