



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

State of West Virginia
 Request for Quotation
 13 - Equipment

Proc Folder: 265228

Doc Description: Addendum No.2 Wildlife-OpenEnd Contract for Forklift Loaders

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2017-01-06	2017-01-12 13:30:00	CRFQ 0310 DNR1700000034	3

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Name, Address and Telephone Number:

West Virginia Tractor Company
 P.O. Box 473
 Charleston, WV 25322
 304-346-5301

01/09/17 13:49:39
 WV Purchasing Division

FOR INFORMATION CONTACT THE BUYER

Brittany E Ingraham
 (304) 558-2157
 brittany.e.ingraham@wv.gov

Signature X

Brittany E Ingraham

550621655
 FEIN #

DATE 1/9/2017

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

Addendum

Addendum No.2 issued to publish and distribute the attached information to the vendor community.

Request for Quotation

The West Virginia Division is soliciting bids on behalf of The West Virginia Division of Natural Resources, Wildlife Resources Section to establish an open-end contract for forklift loaders per the bid requirements, specifications and terms and conditions that are apart of the solicitation and attached hereto.

INVOICE TO:		SHIP TO	
DIVISION OF NATURAL RESOURCES WILDLIFE RESOURCES SECTION ELKINS OPERATIONS CENTER PO BOX 67 ELKINS WV26241 US		STATE OF WEST VIRGINIA JOBSITE - SEE SPECIFICATIONS No City WV 99999 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Forklifts	3.00000	EA	\$23,456	\$70,368

Comm Code	Manufacturer	Specification	Model #
24101603	Hyundai	Attached	20L-7M

Extended Description :

Open-end contract to purchase forklift loaders for Wildlife Resources

SOLICITATION NUMBER: CRFQ DNR1700000034
Addendum Number: 02

The purpose of this addendum is to modify the solicitation identified as ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

This addendum is issued to modify the solicitation per the attached documentation and the following:

1. To modify the bid opening date to January 12, 2017 at 1:30PM, EST.
2. The following shall be added to the specifications:
 - 3.1.1.12.7 Must have side shift feature including hosing.

No other changes.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ATTACHMENT A

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

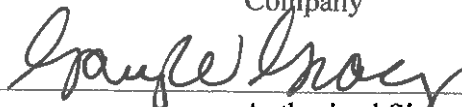
(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further 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.

West Virginia Tractor Company

Company



Authorized Signature

1/9/2017

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

Revised 6/8/2012

REQUEST FOR QUOTATION
 West Virginia Division of Natural Resources-Wildlife Resources Section
 Forklift Loaders Open-End Contract

8. MISCELLANEOUS:

- 8.1 No Substitutions:** Vendor shall supply only Contract Items submitted in response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.
- 8.2 Vendor Supply:** Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.
- 8.3 Reports:** Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.
- 8.4 Contract Manager:** During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: Gary W. Grady

Telephone Number: 304-346-5301

Fax Number: 304-346-5305

Email Address: wvtractor@msn.com

Exhibit "A" Pricing Page
 West Virginia Division of Natural Resources-Wildlife Resources Section
 Forklift Loaders Open-End Contract

or	Description	Make and Model	Unit of Measure	Estimated Quantity	Unit Price	Extended Cost
1	Four-Wheel Forklift	Hyundai 20L-7M	Each	3	\$23,456	\$70,368
TOTAL BID AMOUNT (INCLUDES SHIPPING CHARGES)						\$70,368

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, 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: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. 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.

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.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"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.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: West Virginia Tractor Company

Authorized Signature: *Gayle Brady* Date: 1-9-2017

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 9 day of January, 2017.

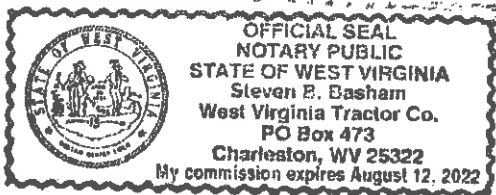
My Commission expires August 12, 2022.

AFFIX SEAL HERE

NOTARY PUBLIC

Steven B. Basham

Purchasing Affidavit (Revised 08/01/2015)



State of West Virginia

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). **West Virginia Code**, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

1. **Application is made for 2.5% vendor 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**,
 Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification;
 Bidder is a resident vendor partnership, association, or corporation with at least eighty percent of ownership interest of bidder held by another entity that meets the applicable four year residency requirement; **or**,
 Bidder is a 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; **or**,
2. **Application is made for 2.5% vendor preference for the reason checked:**
 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**,
3. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is a nonresident vendor that employs a minimum of one hundred state residents, or a nonresident vendor which has an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia and employs a minimum of one hundred state residents, and for purposes of producing or distributing the commodities or completing the project which is the subject of the bidder's bid and continuously over the entire term of the project, on average at least seventy-five percent of the bidder's employees or the bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years and the vendor's bid; **or**,
4. **Application is made for 5% vendor preference for the reason checked:**
 Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or**,
5. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**
 Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or**,
6. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**
 Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
7. **Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with West Virginia Code §5A-3-59 and West Virginia Code of State Rules.**
 Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

Bidder understands if the Secretary of 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; 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 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.

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.

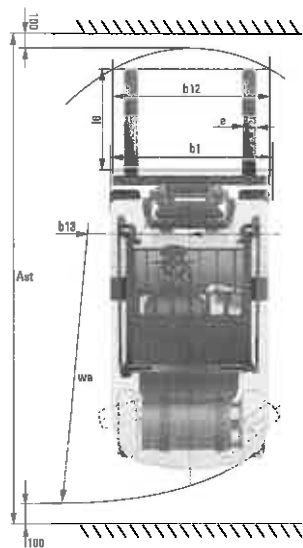
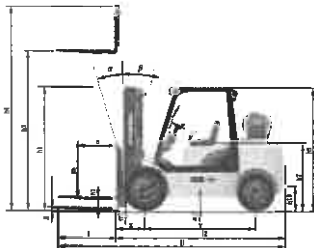
Bidder: West Virginia Tractor Company

Signed: 

Date: 1/9/2017

Title: President

Dimension



Specification

Main Specifications			
Item	Hyundai	Hyundai	Hyundai
1.1 Model	15(L)-7M	18(L)-7M	20(L)-7M
1.2 Capacity (kg)	1500	1800	2000
1.3 Fuel type	LP / LP Gas	LP / LP Gas	LP / LP Gas
1.4 Type of power source	Internal combustion engine	Internal combustion engine	Internal combustion engine
1.5 Load capacity / stability	Class II	Class II	Class II
1.6 Load capacity (kg)	1500	1800	2000
1.7 Load capacity (kg) at 40% load	1500	1800	2000
1.8 Load capacity (kg) at 50% load	1500	1800	2000
1.9 Load capacity (kg) at 60% load	1500	1800	2000
1.10 Load capacity (kg) at 70% load	1500	1800	2000
1.11 Load capacity (kg) at 80% load	1500	1800	2000
1.12 Load capacity (kg) at 90% load	1500	1800	2000
1.13 Load capacity (kg) at 100% load	1500	1800	2000
1.14 Load capacity (kg) at 110% load	1500	1800	2000
1.15 Load capacity (kg) at 120% load	1500	1800	2000
1.16 Load capacity (kg) at 130% load	1500	1800	2000
1.17 Load capacity (kg) at 140% load	1500	1800	2000
1.18 Load capacity (kg) at 150% load	1500	1800	2000
1.19 Load capacity (kg) at 160% load	1500	1800	2000
1.20 Load capacity (kg) at 170% load	1500	1800	2000
1.21 Load capacity (kg) at 180% load	1500	1800	2000
1.22 Load capacity (kg) at 190% load	1500	1800	2000
1.23 Load capacity (kg) at 200% load	1500	1800	2000
1.24 Load capacity (kg) at 210% load	1500	1800	2000
1.25 Load capacity (kg) at 220% load	1500	1800	2000
1.26 Load capacity (kg) at 230% load	1500	1800	2000
1.27 Load capacity (kg) at 240% load	1500	1800	2000
1.28 Load capacity (kg) at 250% load	1500	1800	2000
1.29 Load capacity (kg) at 260% load	1500	1800	2000
1.30 Load capacity (kg) at 270% load	1500	1800	2000
1.31 Load capacity (kg) at 280% load	1500	1800	2000
1.32 Load capacity (kg) at 290% load	1500	1800	2000
1.33 Load capacity (kg) at 300% load	1500	1800	2000
1.34 Load capacity (kg) at 310% load	1500	1800	2000
1.35 Load capacity (kg) at 320% load	1500	1800	2000
1.36 Load capacity (kg) at 330% load	1500	1800	2000
1.37 Load capacity (kg) at 340% load	1500	1800	2000
1.38 Load capacity (kg) at 350% load	1500	1800	2000
1.39 Load capacity (kg) at 360% load	1500	1800	2000
1.40 Load capacity (kg) at 370% load	1500	1800	2000
1.41 Load capacity (kg) at 380% load	1500	1800	2000
1.42 Load capacity (kg) at 390% load	1500	1800	2000
1.43 Load capacity (kg) at 400% load	1500	1800	2000
1.44 Load capacity (kg) at 410% load	1500	1800	2000
1.45 Load capacity (kg) at 420% load	1500	1800	2000
1.46 Load capacity (kg) at 430% load	1500	1800	2000
1.47 Load capacity (kg) at 440% load	1500	1800	2000
1.48 Load capacity (kg) at 450% load	1500	1800	2000
1.49 Load capacity (kg) at 460% load	1500	1800	2000
1.50 Load capacity (kg) at 470% load	1500	1800	2000
1.51 Load capacity (kg) at 480% load	1500	1800	2000
1.52 Load capacity (kg) at 490% load	1500	1800	2000
1.53 Load capacity (kg) at 500% load	1500	1800	2000
1.54 Load capacity (kg) at 510% load	1500	1800	2000
1.55 Load capacity (kg) at 520% load	1500	1800	2000
1.56 Load capacity (kg) at 530% load	1500	1800	2000
1.57 Load capacity (kg) at 540% load	1500	1800	2000
1.58 Load capacity (kg) at 550% load	1500	1800	2000
1.59 Load capacity (kg) at 560% load	1500	1800	2000
1.60 Load capacity (kg) at 570% load	1500	1800	2000
1.61 Load capacity (kg) at 580% load	1500	1800	2000
1.62 Load capacity (kg) at 590% load	1500	1800	2000
1.63 Load capacity (kg) at 600% load	1500	1800	2000
1.64 Load capacity (kg) at 610% load	1500	1800	2000
1.65 Load capacity (kg) at 620% load	1500	1800	2000
1.66 Load capacity (kg) at 630% load	1500	1800	2000
1.67 Load capacity (kg) at 640% load	1500	1800	2000
1.68 Load capacity (kg) at 650% load	1500	1800	2000
1.69 Load capacity (kg) at 660% load	1500	1800	2000
1.70 Load capacity (kg) at 670% load	1500	1800	2000
1.71 Load capacity (kg) at 680% load	1500	1800	2000
1.72 Load capacity (kg) at 690% load	1500	1800	2000
1.73 Load capacity (kg) at 700% load	1500	1800	2000
1.74 Load capacity (kg) at 710% load	1500	1800	2000
1.75 Load capacity (kg) at 720% load	1500	1800	2000
1.76 Load capacity (kg) at 730% load	1500	1800	2000
1.77 Load capacity (kg) at 740% load	1500	1800	2000
1.78 Load capacity (kg) at 750% load	1500	1800	2000
1.79 Load capacity (kg) at 760% load	1500	1800	2000
1.80 Load capacity (kg) at 770% load	1500	1800	2000
1.81 Load capacity (kg) at 780% load	1500	1800	2000
1.82 Load capacity (kg) at 790% load	1500	1800	2000
1.83 Load capacity (kg) at 800% load	1500	1800	2000
1.84 Load capacity (kg) at 810% load	1500	1800	2000
1.85 Load capacity (kg) at 820% load	1500	1800	2000
1.86 Load capacity (kg) at 830% load	1500	1800	2000
1.87 Load capacity (kg) at 840% load	1500	1800	2000
1.88 Load capacity (kg) at 850% load	1500	1800	2000
1.89 Load capacity (kg) at 860% load	1500	1800	2000
1.90 Load capacity (kg) at 870% load	1500	1800	2000
1.91 Load capacity (kg) at 880% load	1500	1800	2000
1.92 Load capacity (kg) at 890% load	1500	1800	2000
1.93 Load capacity (kg) at 900% load	1500	1800	2000
1.94 Load capacity (kg) at 910% load	1500	1800	2000
1.95 Load capacity (kg) at 920% load	1500	1800	2000
1.96 Load capacity (kg) at 930% load	1500	1800	2000
1.97 Load capacity (kg) at 940% load	1500	1800	2000
1.98 Load capacity (kg) at 950% load	1500	1800	2000
1.99 Load capacity (kg) at 960% load	1500	1800	2000
1.100 Load capacity (kg) at 970% load	1500	1800	2000
1.101 Load capacity (kg) at 980% load	1500	1800	2000
1.102 Load capacity (kg) at 990% load	1500	1800	2000
1.103 Load capacity (kg) at 1000% load	1500	1800	2000

HYUNDAI
HEAVY INDUSTRIES CO., LTD.
FORKLIFT
Head Office Sales Office
14th Fl., HYUNDAI BLDG. 149-1, KYEONGKONGHNO-111, MEDU, KOREA 119-791
TEL: 82 (0) 76-4532 4628 FAX: 82 (0) 746-7446-7445
American Distributor: Hyundai Construction Equipment America, Inc.
6100 ATLANTIC BOULEVARD NORCROSS GA 30071 U.S.A TEL: (1)867-676-6223 FAX: (1)867-476-6223-7778
European Distributor: Hyundai Heavy Industries Europe N.V.
VOSSBONDAAI 11, 2640 DIEPE, BELGIUM TEL: (32) 16-56-2200 FAX: (32) 16-56-3405

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15/18/20G-7M

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HEAVY INDUSTRIES CO., LTD.

NEW criteria of Forklift Trucks

Hyundai introduces a new line of 7M series
LPG / Gasoline Dual fuel forklift trucks.
Excellent power and performance using dual
optional fuels makes your business more profitable.



OPSS (Operator Presence Sensing System)
Control of mast tilting and lowering is not possible through operation
of the appropriate control when the operator is not in the seated
position.

The new master on the job-site!

Smooth running, efficient and ergonomically designed, 15/18/20L(G)-7M series are made to meet your needs.

50PS/2,450rpm



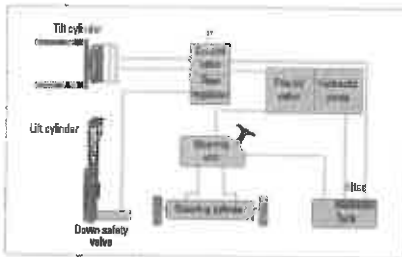
Powerful Engine HMC L4KB Engine

Market approved quality of the HMC L4KB dual fuel engine ensures incomparable performance, durability and additional value to the machine.

Fast and Stable Performance

Strong able to quickly raise and lower the mast, as well as lift a forward and backward, controls the fork, additional conditions during stability.

When the truck is fully loaded, mast lowering speed is carefully controlled to ensure safety by the down control valve. MAM, LA and TR Lock System is optional.



State-of-the-art Hydraulic System

The latest large-capacity hydraulic system reacts quickly during operation, and a low-noise control valve increases both efficiency and durability.



Fully Hydrostatic Power Steering

A hydraulic steering system always guarantees smooth and flexible steering, preventing overrun and kick-back.

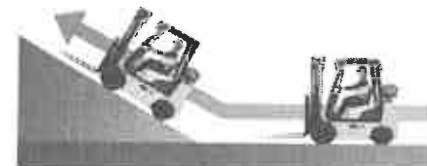


Increased Mast Tilting Angle

Utilizing the mast tilting angle of 6 degrees forward and 10 degrees backward, the operator can safely and rapidly perform loading and unloading jobs.

Faster Travel Speed & Better Gradability

The powerful high-output engine provides greater acceleration, better gradability and faster travel speed on any tough terrains or slopes.



Gradability(Loaded)
15L(G)-7M : 21.7°
18L(G)-7M : 19.5°
20L(G)-7M : 18.3°

Travel Speed(Unloaded)
15L(G)-7M : 12.5 mph
18L(G)-7M : 12.5 mph
20L(G)-7M : 12.5 mph

Ergonomic operator friendly compartment design!

A design based on human engineering relieves fatigue and increases operator's efficiency.

Operator Friendly Gauges and Water-resistant Monitor Panel



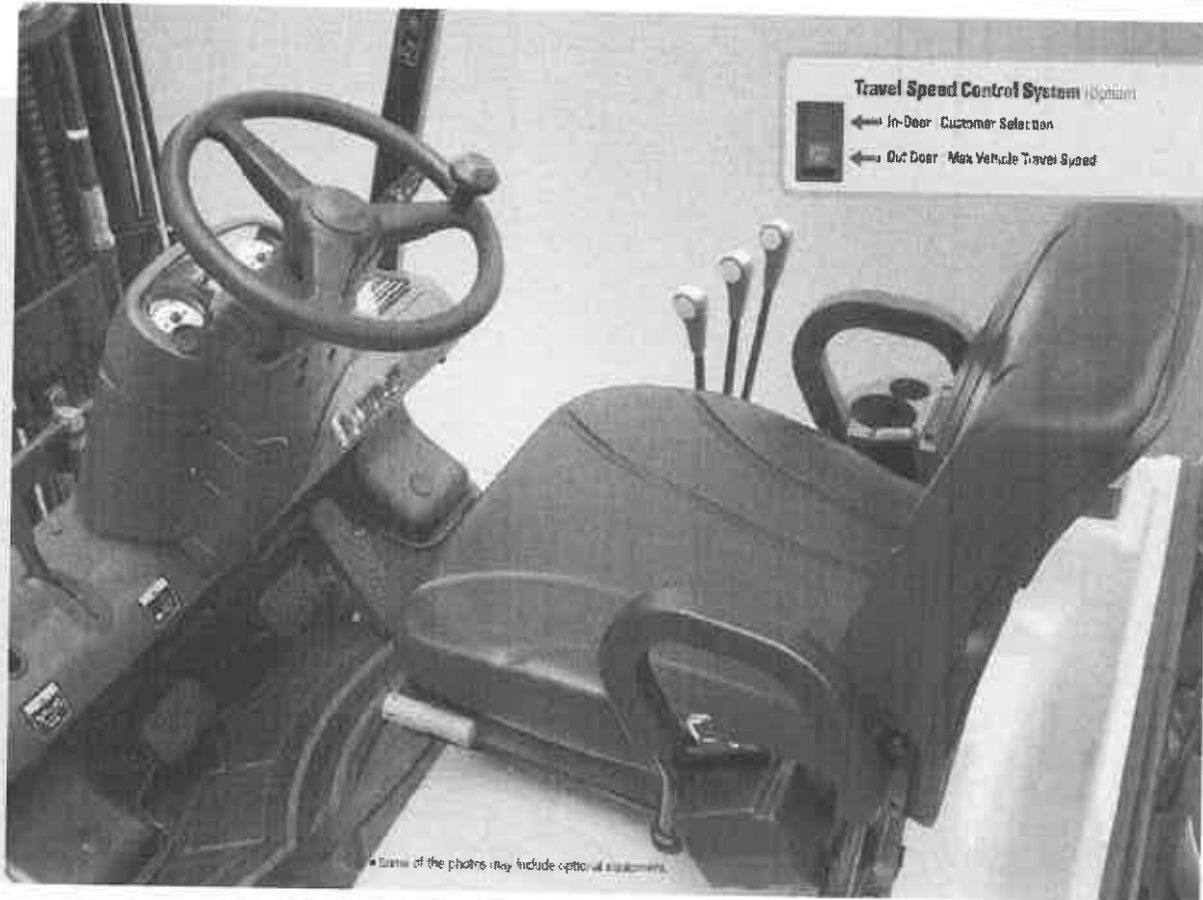
- 1 Parking brake lever
- 2 Dashboard indicator
- 3 Fuel gauging lamp
- 4 Angle of steering lever
- 5 Transmission of transmission warning lamp
- 6 Battery charging warning lamp
- 7 Air cleaner cleaning lamp
- 8 Warning light indicator
- 9 Water separator lamp
- 10 Pre heater indicator
- 11 Water separator pump
- 12 Fuel gauge



- Grammer Seat (7701100)**
- Quick Adjustment of the Ergonomically Best Sitting Position
 - Asymmetrical Backrest
 - Movable Armrests / Seat Heating
 - Practical Document Bag



New High Visibility for Safe Operation
The operator is able to work with increased safety and accuracy due to a wider view field.



Travel Speed Control System (Optional)

- ← In-Door Customer Selection
- ← Out-Door Max Vehicle Travel Speed

* Some of the photos may include optional equipment.



Ergonomically Positioned Pedals

Based on human engineering, the accelerator, brake and inching pedals are optimally positioned for convenience while operating the equipment.



Cup Holder & Console Box

Additional storage spaces are located inside the operating space for operator's convenience.



Quick Response of Operating Control Levers

Only minimal operator's effort is required for precise, safe and productive control.



Adjustable Steering Wheel

Steering wheel with horn button can be adjusted by a lever on the right-hand side for the most comfortable operator position.



Easy and Safe Shift Lever

A single lever on the left side of the steering column gives the operator fast, easy control of direction. The lever must be in the neutral position before the engine can be started.

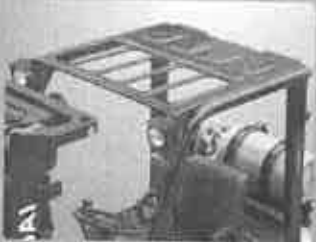


Secondary Horn

Secondary Horn gives access to lights and horn.

Danger-free through high durability!

Safety and durability are priorities in design of the equipment.



Strong Overhead Guard

The safety overhead guard meets ISO 6258 regulation and protects the operator during hazardous jobs.



Parking Brake

Notched foot parking brake requires less effort from the operator to use.

Highly Durable Split type Drive Axle

The bevel gear set and full reduction drive axle smoothly delivers required torque to the drive wheels.



Large Footboard & Hand Grip

Wide "open" step offers convenience and safety when entering and exiting truck.



Expansion Bellows

The expansion bellows absorbs vibration and reduces noise generated from the exhaust system and also extends the life cycle of exhaust system.



Electrically Monitored Air Filter

Air cleaner sensor alerts the operator of a restricted air filter and allows replacement before damage.



Heavy Duty Single Unit Frame

Heavy duty single unit type frame, designed on the basis of accurate structural analysis, guarantees durability and safety.



Bright, Protected Headlights

Bright, Protected head lights are positioned for exceptional visibility.



Rear Safety Lamp

Rear combination lamps with directional indicators, rear lights and brake lights are positioned for a high level of safety.

Designed for quick and easy service!

An ideal arrangement of component parts ensures easy access and convenience for maintenance.



Easy Change Air Cleaner
The air filter is readily accessible for steering or replacement. (Mesh Cylinder Type)



Fast Service Access for Daily Fluids Check



Rotational Battery Installation



One Touch, No Tool Oil Level Check



Aluminum Radiator with Superb Protection Against Heat



Improvement in Maintenance of Electric Parts

Various electric parts are centralized in dash board resulting in effortless troubleshooting.



Easy Maintenance Oil Level Check

The T/M oil level can be checked easily without any disassembly.



Brake Fluid Reservoir With Level Switch

When the brake oil level become lower than Min. level, the warning lamp on the clusters comes on.

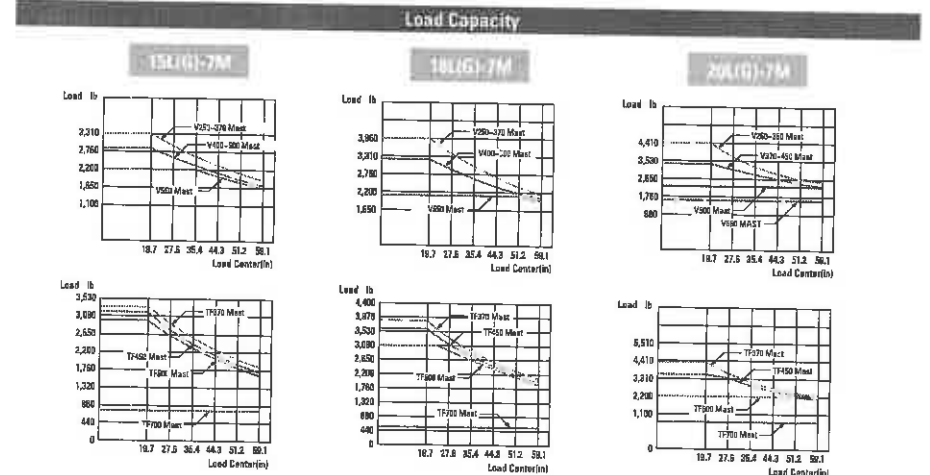


An Accessible, Compact Fuse Box for Easy Inspection

Mast Type	Maximum Mast Height (in)	Overall Height (in)	VR Forks (in)	Free Lift ¹⁾			Load Capacity with 2 Stage Forks (2000 lbs. max)			Load Capacity with 3 Stage Forks (2000 lbs. max)			Track Width (in)	Track Length (in)				
				2000 lbs.			3000 lbs.			3000 lbs.								
				2000	3000	4000	2000	3000	4000	2000	3000	4000						
V250	88.4	68.1	8	10	5.7	5.9	5.7	5.9	2,700	3,500	4,000	3,000	3,500	4,000	3,814	8,188	8,590	
V270	107.2	79.0	8	10	5.7	5.9	5.7	5.9	2,800	3,500	4,000	3,000	3,500	4,000	4,144	8,314	8,662	
V290	118.1	78.6	8	10	5.7	5.9	5.7	5.9	3,000	3,500	4,000	3,000	3,500	4,000	4,888	8,384	8,671	
V320	136.8	75.0	8	10	5.7	5.9	5.7	5.9	3,000	3,500	4,000	3,000	3,500	4,000	5,172	8,384	8,671	
V370	148.7	62.7	8	10	4.7	4.9	4.7	4.9	2,000	2,500	3,000	2,000	2,475	2,875	3,889	5,082	6,338	6,745
V400	159.5	63.6	8	10	5.7	5.9	5.7	5.9	2,000	2,500	3,000	2,000	2,475	2,875	3,048	5,048	6,421	6,828
V500	179.1	77.5	8	10	5.7	5.9	5.7	5.9	2,875	3,500	4,000	2,800	3,400	3,900	4,125	5,325	6,388	6,925
V600	187.8	122.2	8	10	5.7	5.9	5.7	5.9	2,875	3,400	3,900	2,800	3,400	3,900	2,925	3,925	5,253	7,089
V650	207.5	152.1	8	10	5.7	5.9	5.7	5.9	2,875	3,400	3,900	2,800	3,400	3,900	3,025	3,925	5,453	7,089
T77S370	147.0	71.1	6	8	31.4	31.6	51.1	51.2	3,000	3,500	4,000	3,500	4,000	4,500	3,715	6,142	6,619	6,945
T77S400	159.4	75.0	6	8	35.0	35.1	55.1	55.2	3,000	3,500	4,000	3,500	4,000	4,500	3,715	6,142	6,619	6,945
T77S430	170.7	78.9	6	8	38.3	38.5	58.0	58.1	2,875	3,400	3,900	3,500	4,000	4,500	3,500	5,222	6,620	7,000
T77S450	176.5	82.8	6	8	43.2	43.4	63.0	63.1	2,875	3,400	3,900	3,500	4,000	4,500	3,500	5,222	6,620	7,000
T77S470	188.4	84.8	6	8	45.2	45.4	65.0	65.1	2,875	3,400	3,900	3,500	4,000	4,500	3,500	5,222	6,620	7,000
T77S500	203.2	95.8	6	8	51.1	51.2	71.0	71.1	2,875	3,400	3,900	3,500	4,000	4,500	3,500	5,222	6,620	7,000
T77S530	217.8	107.7	6	8	57.0	57.1	76.9	77.0	2,875	3,400	3,900	3,500	4,000	4,500	3,500	5,222	6,620	7,000
T77S560	232.7	118.6	6	8	62.9	63.0	82.8	82.9	2,875	3,400	3,900	3,500	4,000	4,500	3,500	5,222	6,620	7,000
T77S600	257.3	132.4	6	8	72.8	72.9	92.5	92.6	1,100	1,100	1,100	900	900	900	800	800	800	800
T77S700	317.0	170.0	6	8	105.0	105.1	135.0	135.1	800	800	800	800	800	800	800	800	800	800

¹⁾TS-1 Mast: Wide Visible 2 Stage Full Pile LR Mast with 2 Free LR Cylinders.

²⁾Standard



- ### Optional Items
- **SIDE SHIFT**
 - **INTEGRAL SIDE SHIFT**
 - **FORK**: 29.5 / 33.5 / 41.3 / 47.2 / 53.1 / 59.1 (in) [15/18L(G)-7M] 37.4 / 39.4 / 41.3 / 47.2 / 53.1 / 59.1 63.0 (in) [20L(G)-7M]
 - **OVER SHOE**: 51.2 / 59.1 / 66.9 (in)
 - **TILTING**: 6/5', 3/3', 8/6'
 - **TIRE**: Non-marking
 - **SEAT**: Pocket, Arm Rest, Hip Rest
 - **LPG CLAMP**: Swing Out, Swing Down
 - **M.C.V.**: 4-Spool
 - **ATTACH PIPING**: 3 Spool-piping, 4 Spool-piping
 - **MASTER SWITCH**
 - **BEACON LAMP**
 - **HAZARD SWITCH**
 - **WORK LAMP**
 - **MULTIPLE SPEED SETTING CONTROL SENSOR**