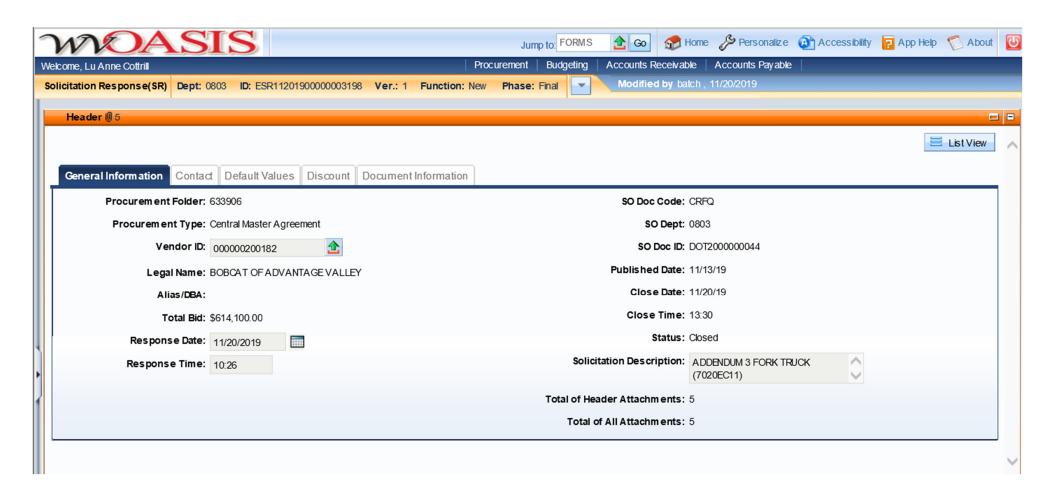
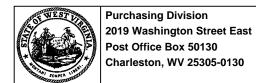


2019 Washington Street, East Charleston, WV 25305 Telephone: 304-558-2306 General Fax: 304-558-6026

Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at *wvOASIS.gov*. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at *WVPurchasing.gov* with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.





State of West Virginia Solicitation Response

Proc Folder: 633906

Solicitation Description: ADDENDUM 3 FORK TRUCK (7020EC11)

Proc Type: Central Master Agreement

| Date issued Solicitation Clo | ses Solicitation Res | oonse | Version |
|------------------------------|----------------------|------------------------|---------|
| 2019-11-20 13:30:00 | SR 080 | 3 ESR11201900000003198 | 1 |

VENDOR

000000200182

BOBCAT OF ADVANTAGE VALLEY

Solicitation Number: CRFQ 0803 DOT2000000044

Total Bid: \$614,100.00 **Response Date:** 2019-11-20 **Response Time:** 10:26:48

Comments:

FOR INFORMATION CONTACT THE BUYER

Crystal G Hustead (304) 558-2402 crystal.g.hustead@wv.gov

Signature on File FEIN # DATE

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

Page: 1 FORM ID: WV-PRC-SR-001

| 1 FORK TRUCK 20.00000 EA \$30,705.000000 \$614,100.00 | Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Ln Total Or Contract Amount |
|---|------|--------------|----------|------------|-----------------|-----------------------------|
| | 1 | FORK TRUCK | 20.00000 | EA | \$30,705.000000 | \$614,100.00 |

| Comm Code | Manufacturer | Specification | Model # | |
|----------------------|-----------------|---------------------|---------|--|
| 24101603 | | | | |
| | | | | |
| Extended Description | n: HYSTER H50XT | FORK TRUCK OR EQUAL | | |
| | | | | |
| | | | | |

WV-10 Approved / Revised 06/08/18

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, 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; or, |
|-----------------------------------|---|
| | 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 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 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 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. |
| 8. | Application is made for reciprocal preference. Bidder is a West Virginia resident and is requesting reciprocal preference to the extent that it applies. |
| requiren or (b) as the cont | nents for such preference, the Secretary may order the Director of Purchasing to: (a) rescind the contract or purchase order; sess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to racting agency or deducted from any unpaid balance on the contract or purchase order. |
| authorize the requ deemed | nssion of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and es the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid ired business taxes, provided that such information does not contain the amounts of taxes paid nor any other information by the Tax Commissioner to be confidential. |
| Bidder I and if an ing Divi | nereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder sything contained within this certificate changes during the term of the contract, Bidder will notify the Purchas- |
| | Jefferds Corporation Signed: May R. Barrell |
| Date: 11 | .12.19 Title: Sales Manager |
| *Check ar | y combination of preference consideration(s) indicated above, which you are entitled to receive. |

VENDOR: <u>Jefferds Corporation</u> Class 338 Fork Truck

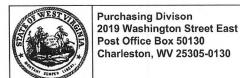
| Item No. | Description: | Model & Part Number Being Bid | Estimated Unit Quantity | Unit Price | Item Total Cost |
|-------------|-----------------------|----------------------------------|-------------------------|-------------------------------|-----------------|
| 1 | Hyster H50XT or equal | Clark S25 | 20 | \$30,705.00 | \$614,100.00 |
| | Total Bid Cost | | | | \$614,100.00 |
| | | | | hidder meeting specifications | |

Contract will be awarded to the lowest responsible bidder meeting specifications

Company Name: Jefferds Corporation Contract Manager: Monty R. Barnett, Sales Manager Address: PO Box 513, 2070 Winfield Road, St. Albans, WV 25177 Phone: 304-755-8111 Fax: 304-755-7544 E-mail: montybarnett@jefferds.com

Vendor Information

SIGNATURE. Wanty R. Barrett



State of West Virginia Request for Quotation 13 — Equipment

Proc Folder: 633906

Doc Description: ADDENDUM 3 FORK TRUCK (7020EC11)

Proc Type: Central Master Agreement

 Date Issued
 Solicitation Closes
 Solicitation No
 Version

 2019-11-13
 2019-11-20 13:30:00
 CRFQ
 0803
 DOT20000000044
 4

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:

JEFFERDS CORPORATION

PO BOX 757

2070 WINFIELD RO.

PHONE (304) 755-8111

ST. ALBANS WV 25177

FOR INFORMATION CONTACT THE BUYER

Crystal G Hustead (304) 558-2402

crystal.g.hustead@wv.gov

Signature X Wally R Barnett

FEIN# 55-0336065

DATE 11-19-2019

ADDITIONAL INFORMATION:

THE STATE OF WEST VIRGINIA PURCHASING DIVISION FOR THE AGENCY, WEST VIRGINIA DIVISION OF HIGHWAYS, IS SOLICITING BIDS TO ESTABLISH AN OPEN-END CONTRACT FOR A FORK TRUCK PER THE ATTACHED DOCUMENTS.

QUESTIONS REGARDING THE SOLICITATION MUST BE SUBMITTED IN WRITING TO CRYSTAL.G.HUSTEAD@WV.GOV PRIOR TO THE QUESTION PERIOD DEADLINE CONTAINED IN THE INSTRUCTIONS TO VENDORS SUBMITTING BIDS.

| INVOICE TO | | SHIP TO | | | |
|---|--|--|----------|--|--|
| DIVISION OF HIGHWAYS EQUIPMENT DIVISION RT 33 83 BRUSHY ROAD CROSSING, PO BOX 610 | | DIVISION OF HIGHWAYS EQUIPMENT DIVISION 83 BRUSHY FORK RD CROSSING | | | |
| BUCKHANNON WV26201 | | BUCKHANNON | WV 26201 | | |
| US | | US | | | |

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Total Price |
|------|--------------|----------|------------|------------|-------------|
| 1 | FORK TRUCK | 20.00000 | EA | 30,705.00 | # 614,100." |

| Comm Code | Manufacturer | Specification | Model # | |
|-----------|--------------|-------------------------|---------|--|
| 24101603 | CLARK | CEASS 339 Forhprolu Bio | 525 | |

Extended Description:

HYSTER H50XT FORK TRUCK OR EQUAL

SCHEDULE OF EVENTS

| <u>Line</u> | Event | Event Date |
|-------------|---------------------------|-------------------|
| 1 | MANDATORY PRE-BID MEETING | 2019-10-24 |
| 2 | VENDOR QUESTION DEADLINE | 2019-10-30 |

| | Document Phase | Document Description | Page 3 |
|--------------|----------------|----------------------------------|--------|
| DOT200000044 | Final | ADDENDUM 3 FORK TRUCK (7020EC11) | of 3 |

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

SOLICITATION NUMBER: CRFQ DOT2000000044 Addendum Number: 3

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

| | | | , |
|----|-----------|------|--|
| Aj | pplicable | e A | ddendum Category: |
| | I |] | Modify bid opening date and time |
| | [🗸 | 1 | Modify specifications of product or service being sought |
| | [|] | Attachment of vendor questions and responses |
| | [| 1 | Attachment of pre-bid sign-in sheet |
| | ĺ |] | Correction of error |
| | [| 1 | Other |
| | | | |
| D | escriptio | n (| of Modification to Solicitation: |
| | 1. To mo | dify | specifications 3.1.1.2, 3.1.1.3, and 3.1.13.3 |
| | No other | cha | anges |
| | Bid open | ing | remains November 20, 2019 at 1:30 PM |
| | | | |

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.

ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.: DOT2000000044

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 N | Jumbers Received: | | | | |
|---------------------------------|--|------------------------|----------------------|--|--|
| | x next to each addendum | received) |) | | |
| | Addendum No. 1 | [|] | Addendum No | o. 6 |
| | Addendum No. 2 | [|] | Addendum No | o. 7 |
| [] | Addendum No. 3 | [|] | Addendum No | o. 8 |
| [] | Addendum No. 4 | [|] | Addendum No | 0. 9 |
| [] | Addendum No. 5 | [|] | Addendum No | o. 10 |
| further unders discussion he | stand that any verbal repre ld between Vendor's repre | sentation sentative | n ma es a peci | nde or assumed and any state per fications by an | cause for rejection of this bid. I I to be made during any oral ersonnel is not binding. Only the a official addendum is binding. |
| | | | Ve | FFEROS | CORPORATION |
| | | | | | Company |
| | | | 11 | July P. | Barret |
| | | | | | Authorized Signature |
| | | | ١, | Marty P. | |

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

Revised 6/8/2012

Date

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

| JERRY | LEE 1 | 40kins | CONTRA | ACT AC | DINISTRATOR | | |
|---------------|-----------|---------|----------|--------|-------------|----|-------|
| (Name, Title) | | | | | | | |
| (Printed Name | and Title |) | | | | | |
| (Address) | | 2-2 | | 0 | (a 41) | | |
| (Phone Number | Corp. | Vumber) | Whield | KO. | 51. Albans | MV | 25111 |
| | EAOK | | JEFFFROS | · Gm | | | |

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

| JEFFERDS CORPORATION | |
|---|--|
| (Company) | |
| (Authorized Signature) (Representative Name, Title) | |
| (Authorized Signature) (Representative Name, Title) | |
| WONTY R. BARNETT | |
| (Printed Name and Title of Authorized Representative) | |
| 11-7-2619 (Date) | |
| 304-755-8111 | |
| (Phone Number) (Fax Number) | |



MATERIALS HANDLING SPECIALISTS SINCE 1947

TO: State of West Virginia Bid Clerk

2019 Washington Street, East Charleston, WV 25305

Date: 11/18/2019 **Quotation:** MB 00155

Attention: Ms. Crystal Hustead

We propose to furnish the following equipment subject to the terms and conditions attached to this proposal.

| (1) Clark S25 5,000 lb. Capacity, I.C. Pne | eumatic Tire Forklift | |
|--|------------------------------|---|
| Standard Equipment: | | Raised Air Intake |
| Single Speed Powershift Trans | mission | Aluminum Open-Core Radiator and High |
| Force-Cooled Wet Disc Brakes | 3 | Capacity Cooling System |
| Automatically-Applied Parking | g Brake | 5" Color LCD Digital Full Featured Instrument |
| Two Overhead Guard Mounted | | Display with Digital and Audible Warnings of |
| Headlights | | Engine Functions |
| Power Steering | | Automatic Engine Shutdown System |
| Tilt Steering Wheel | | Low Fuel Warning |
| Rear Grab Handle with Horn B | utton | Automotive Style Fuse Box |
| Steering Wheel Spinner Knob | | Draw Bar Pin |
| Drink Holder | | Standard Warranty is 1 Year / 2,000 Hours on |
| Convenience Console | | Basic Truck, 3 Years / 6, 000 Hours on Major |
| Speed Limiter | | Components (See Owner Protection Warranty |
| Traction Disable Seat Switch | | Certificate for complete details) |
| Operator Presence System | | , |
| Engine | FORD 2.5L LPG - Balance | ed, Multi-port LPG Fuel Injection |
| Upright Height | Triple Stage MFH 189" | |
| Carriage | 41" Wide Hook Type Clas | |
| S | 71 | |
| Continue to page 2 | | |
| Sideshifter | 41" Class II with 8" Total 3 | Sideshift |
| | | JEFFERDS CORPORATION |
| | | Monty R. Barnett |
| Accepted:CUSTOMER NAME | | SALESMAN |
| CUSTOMER NAME | | SALESMAN |
| ADDRESS | | |
| By | | |
| - J | | |

This proposal is offered for your acceptance within thirty days of date. It shall constitute a contract of sale after being accepted by the buyer and the seller from St. Albans office acknowledges acceptance. Your attention is invited to the "Conditions and Terms of Sale" which are attached hereof and which are a part of this contract.

Load Backrest 48" High

Forks42" x 4" x 1.75" Class IIMast Tilt5° Back / 6° ForwardHose AdaptationsSingle - 2 Hoses (Internal)

Auxiliary Control ValveFingertip Controls - 3 Spool ValveDrive TiresPneumatic 7.00 x 12 - 14 plySteer TiresPneumatic 6.00 x 9 - 10 ply

Overhead Guard Standard Height

Seat Safety Seat - Full Suspension Vinyl

Seat Belt Orange Seat Belt

Front Work Lights LED Headlights (OHG Mounted)

Rear Work Light LED Rear Work Lights

Combination Lights LED Rear Combination Light (Brake, Tail, and Back-up)

Speed LimiterMaximum Travel SpeedWarning LightLED Strobe Light (Yellow)

Pedestrian Warning LightLED Rear Blue Safety Light (Reverse Only)

Travel Alarm Audible Back-Up Alarm

Paint Clark Green

Warranty Standard - 1 Year / 2,000 Hours on Basic Truck, 3 Years / 6,000 Hours on Major Components (See Owner Protection Warranty Certificate for Details)

Other Clark Equipment

Air Pre-Cleaner (OHG Mounted)

Convenience Console

Hip Restraints

LED Turn Signal Lights - Front

Load Weight Measurement (Displayed on Dash)

Panorama Mirror

Rear Handle with Horn Button Spinner Knob - Steering Wheel Swing-Down LPG Tank Bracket

Other Equipment & Accessories

Telematics System Operator Training

TOTAL SALE PRICE <u>PER UNIT</u>.....\$ 30,705.00

FOB: Delivered

TERMS: NET 10 DAYS

THIS PROPOSAL DOES NOT INCLUDE APPLICABLE SALES TAX

| \$ | |
|---------------------|--------|
| BBB. | |
| ACCREDITED BUSINESS | |
| www.jeffer | ds.com |

652 Winfield Road St. Albans, WV 25177 304-755-8111 800-735-8111

Saint Albans

1025 10th St. West Huntington, WV 800-735-8111

Huntington

514 29th Street Parkersburg, WV 26101 304-422-6491 800-511-5160

Parkersburg

Stonewood Ind. Park 409 Water Street Stonewood, WV 26301

304-623-6541 800-300-4020

Clarksburg

55BIES



20/25/30/35



Max Load Capacity 4000 / 5000 / 6000 / 7000 lbs. (2000 / 2500 / 3000 / 3500 kg)



Building on over 100 years of lift truck innovations, design and industry firsts. The evolution continues... the CLARK S-Series, the next generation of lift trucks.

SMART

Our design standards have historically led the industry in innovation and firsts; the S-Series represents the next phase of lift truck design.

- Interactive Dash
- Built-In Reporting of Truck and Operator Performance via Optional Telemetry
- Engine/Powertrain Protection
- Integrated Systematic Service Tools
- On-Board Reporting of Operator Controlled Functions

STRONG

CLARK trucks are "Built to Last"; from our industrial designs to our legacy Dealers our combined strengths ensure a strong performance to your bottom line and overall lower cost of ownership.

- Force-Cooled Wet Disc Brakes
- Fully Welded Heavy Gauge Frame
- Nested I-Beam Upright
- 6-Roller Carriage
- External Side-Thrust Rollers
- Proven Steer Axles and Cooling Systems

SAFE

CLARK makes your safety our priority. Safety is and has been a cornerstone of CLARK design standards for over 100 years. Our standards became the industry standards. The S-Series innovates again with standard features including:

- Automatically Applied Parking Brake
- Speed Limit Control
- Increased Visibility
- Optional Rear View Camera
- High-Visibility Orange Seat Belt
- Designed with Optimal Center-of-Gravity to Enhance Truck Stability



Operator Comfort and Productivity



- Minimal Vibration and Noise to the Operator via a Balanced Engine and Isolated Transmission
- Adjustable Full-Suspension Seat
- Hood-Mounted Levers with Low Input Force
- Large Floor Board Improves Leg Room and **Boot Clearance**
- Small Diameter Steering Wheel with Low Steering Effort
- Reduced Brake and Inching Pedal Effort
- Steering Column Adjustable Tilt Range of 30°
- Optimized Step Height



- 5"Color LCD Display
- On-Board Diagnostics
- CANbus Communication
- Password Protected Engine Start Through Dash
- Powertrain Protection Monitoring System

ANSI/ITSDF and Insurance Classification

Standard truck meets all applicable mandatory requirements of Part III-ANSI/ITSDF B56.1 Safety Standard for Powered Industrial Trucks and Underwriters Laboratories requirements as to fire hazard only for D and LP classifications. For further information contact a CLARK representative. Users should be aware of, and adhere to, applicable codes and regulations regarding operator training, use, operation and maintenance of powered industrial trucks, including:

- NFPA 505, fire safety standard for powered industrial trucks type designations, areas of use,





Occupational Safety and Health Administration (OSHA) regulations that may apply

Contact your authorized CLARK forklift truck dealer for further information including operator training programs and auxiliary visual and audible warning systems, fire extinguishers, etc., as available for specific user applications and requirements.

Specifications, equipment, technical data, photos and illustrations are based on information at time of printing and are subject to change without notice. Some products may be shown with optional

& Don't Forget...Safety Starts With You!

Before operating a lift truck, an operator must:

- Be trained and authorized
 Read and understand
- operator's manual
- Not operate a faulty lift truck
 Not repair a lift truck unless
- trained and authorized
- Have the overhead guard and load backrest extension in place

During operation, a lift truck operator must:

- Wear a seat belt
- Keep entire body inside truck cab
- Never carry passengers or lift
- people
 Keep truck away from people
- and obstructions
 Travel with lift mechanism as low as possible and tilted back
- Allow safe stopping distance and come to a complete stop before leaving operator compartment



- 500 Hour Oil Service Interval on FORD and Isuzu Engines
- 2,000 Hour Oil Service Interval on Transmission (for General Warehouse Applications)
- Optimized Hydraulic Operating Pressure Reduces Fuel Consumption
- Separate Transmission and Axle Simplify Servicing
- Open Core Radiator is Standard
- Engine Efficiency/Performance Reduces Fuel Consumption
- DOC (Diesel Oxidation Catalyst)
- Force Cooled Wet Disc Brakes

igh Performance Engines



FORD 2.5L LPG Tier-4

- Balanced Engine
- 4-Cylinder Dual Overhead Cam Design
- VVT (Variable Valve Timing)
- Sequential Multi-Port Fuel Injection
- Timing Chain-Driven Camshaft
- Automatic Belt Tensioners

ISUZU 4LE2X 2.2L Diesel Tier-4 Final

- Turbo-Charged
- High-Pressure Multi-Stage Injection
- DOC (Diesel Oxidation Catalyst)
- No Regeneration (Burn-off) Cycles Necessary
- No UREA Additives





To park a lift truck, an operator

Completely lower forks or

Shift into neutral

Unright Table

| Upri | ght T | able | | | | | |
|------------|-----------------------|--------------|------------------------|--------------|--------------|--------------|------------------------------------|
| | Maximum Fork Heigl | | Overall Hei Lowered | - | Free Lift | | Standard Tilt Spec ² |
| ii | า | mm | in | mm | in | mm | B°/F° |
| | 25 Sta | | | | | | SERIES |
| 83 | | 2120 | 62.0 | 1575 | 4.3 | 110 | 6/10 |
| 11 | | 2980 | 78.9 | 2005 | 4.3 | 110 | 8/10 |
| • 13 | | 3300 | 85.2 | 2165 | 4.3 | 110 | 10/8 |
| 13 | 38 47 | 3500 3725 | 90.7 96.7 | 2305 2455 | 4.3 | 110 110 | 10/8 10/8 |
| 15 | | 3860 | 99.6 | 2530 | 4.3 | 110 | 10/8 |
| 16 | | 4165 | 110.2 | 2800 | 4.3 | 110 | 5/6 |
| 17 | | 4380 | 118.1 | 3000 | 4.3 | 110 | 5/6 |
| | 32 | 4620 | 127.2 | 3230 | 4.3 | 110 | 5/6 |
| 20 | | 5170 | 137.6 | 3495 | 4.3 | 110 | 5/3 |
| S30 | Standa | ard | | | | 5 | SERIE! |
| 83 | | 2120 | 62.6 | 1590 | 4.3 | 110 | 6/10 |
| 11 | | 2980 | 79.5 | 2020 | 4.3 | 110 | 8/10 |
| • 13 | 30 | 3300 | 85.8 | 2180 | 4.3 | 110 | 10/8 |
| 13 | 38 | 3500 | 91.3 | 2320 | 4.3 | 110 | 10/8 |
| | 17 | 3725 | 97.2 | 2470 | 4.3 | 110 | 10/8 |
| 15 | | 3860 | 100.2 | 2545 | 4.3 | 110 | 10/8 |
| 16 | | 4165 | 110.8 | 2815 | 4.3 | 110 | 5/6 |
| 17 18 | | 4380 4620 | 118.7 127.8 | 3015 3245 | 4.3 | 110 110 | 5/6 5/6 |
| 20 | | 5170 | 138.2 | 3510 | 4.3 | 110 | 5/3 |
| | Standa | | 100.2 | 0010 | 4.0 | | SERIE! |
| 333 | | 1 985 | 63.4 | 1610 | 4.5 | 115 | 6/10 |
| 11 | | 2845 | 80.3 | 2040 | 4.5 | 115 | 8/10 |
| • 12 | | 3165 | 86.6 | 2200 | 4.5 | 115 | 10/8 |
| 13 | 32 | 3365 | 92.1 | 2340 | 4.5 | 115 | 10/8 |
| 14 | 41 | 3590 | 98.0 | 2490 | 4.5 | 115 | 10/8 |
| 14 | | 3725 | 101.0 | 2565 | 4.5 | 115 | 10/8 |
| 15 | | 4030 | 111.6 | 2835 | 4.5 | 115 | 5/6 |
| 16 | | 4245 | 119.5 | 3035 | 4.5 | 115 | 5/6 |
| 17 19 | | 4485 5035 | 128.5 139.0 | 3265 3530 | 4.5 4.5 | 115 115 | 5/6 5/3 |
| S20/ | /25 Tri: | ple Stag | | | | 5 | SERIES |
| • 17 | | 4320 | 78.9 | 2005 | 30.9 | 786 | 5/6 |
| 17 | | 4500 | 81.3 | 2065 | 33.3 | 846 | 5/6 |
| 18 | 39 | 4800 | 85.2 | 2165 | 37.2 | 946 | 5/6 |
| 20 |)5 | 5210 | 90.7 | 2305 | 42.8 | 1086 | 5/3 |
| 21 | 17 | 5520 | 96.7 | 2455 | 48.7 | 1236 | 5/3 |
| 22 | | 5740 | 99.6 | 2530 | 51.6 | 1311 | 5/3 |
| 24 | | 6100 | 105.9 | 2690 | 57.9 | 1471 | 5/3 |
| 25 26 | | 6370 6830 | 110.2 | 2800 | 62.2 70.1 | 1581 1781 | 3/3 |
| 28 | | 7315 | 118.1 127.2 | 3000 3230 | 79.2 | 2011 | 3/3 3/3 |
| | Triple | | | 0200 | 10.2 | | SERIE! |
| 17 | | 4320 | 79.5 | 2020 | 31.5 | 801 | 5/6 |
| 17 | - | 4500 | 81.9 | 2080 | 33.9 | 861 | 5/6 |
| • 18 | | 4800 | 85.8 | 2180 | 37.8 | 961 | 5/6 |
| 20 |)5 | 5210 | 91.3 | 2320 | 43.3 | 1101 | 5/3 |
| 21 | 17 | 5520 | 97.2 | 2470 | 49.3 | 1251 | 5/3 |
| 22 | | 5740 | 100.2 | 2545 | 52.2 | 1326 | 5/3 |
| 24 | | 6100 | 106.5 | 2705 | 58.5 | 1486 | 5/3 |
| 25 | | 6370 | 110.8 | 2815 | 62.8 | 1596 | 3/3 |
| 26 28 | | 6830 7315 | 118.7 127.8 | 3015 3245 | 70.7 79.8 | 1796 2026 | 3/3 3/3 |
| | Triple | | 121.0 | 02 10 | 10.0 | | SERIE! |
| 333 | | 4140 | 80.3 | 2040 | 32.3 | 821 | 5/6 |
| | 70 | 4320 | 82.7 | 2100 | 34.7 | 881 | 5/6 |
| | 32 | 4620 | 86.6 | 2200 | 38.6 | 981 | 5/6 |
| 19 | | 5030 | 92.1 | 2340 | 44.1 | 1121 | 5/6 |
| 21 | 10 | 5340 | 98.0 | 2490 | 50.0 | 1271 | 5/3 |
| 21 | | 5560 | 101.0 | 2565 | 53.0 | 1346 | 5/3 |
| 23 | | 5920 | 107.3 | 2725 | 59.3 | 1506 | 5/3 |
| 24 | | 6190 | 111.6 | 2835 | 63.6 | 1616 | 5/3 |
| 7(| 1/ | hhhll | 1195 | 3035 | /15 | 181h | 3/3 |

7135

6650

Indicates preferred common specification.
 1 For overall height raised with load backrest, add 48 in. (1220 mm) to maximum fork height.

119.5

128.5

2 Standard tilt shown. Contact CLARK representative for information on optional tilt. 3 Freelift dimensions shown are without load backrest. Other uprights available, contact a Clark representative.

3035

3265

71.5

80.6

1816

2046

3/3

3/3

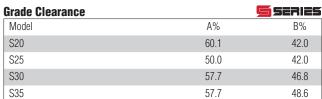
262

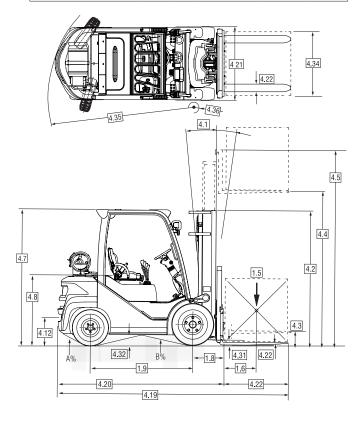
281

 $\begin{tabular}{ll} \textbf{Notes} \\ \textbf{Production engines and driveline components may vary in output and/or efficiency by $\pm 5\%$. The performance shown represents nominal values which may be obtained under typical operating conditions of a machine.} \end{tabular}$

Upright Table

| Maxim Fork H | | Overall Lowe | • | Free | 1 :443 | Standard Tilt Spec ² |
|-------------------|---------|-----------------|------|------|--------|------------------------------------|
| in | mm | in | mm | in | mm | B°/F° |
| S20/25 I | li-Lo | | | | | 5 SERIE |
| 115 | 2935 | 78.9 | 2005 | 30.9 | 786 | 6/8 |
| • 128 | 3255 | 85.2 | 2165 | 37.2 | 946 | 6/8 |
| 139 | 3530 | 90.7 | 2305 | 42.8 | 1086 | 6/8 |
| 148 | 3760 | 96.7 | 2455 | 48.7 | 1236 | 6/8 |
| 154 | 3910 | 99.6 | 2530 | 51.6 | 1311 | 6/8 |
| S30 Hi-L | .0 | | | | | 5 SERIE |
| 115 | 2935 | 79.5 | 2020 | 31.5 | 801 | 6/8 |
| • 128 | 3255 | 85.8 | 2180 | 37.8 | 961 | 6/8 |
| 139 | 3530 | 91.3 | 2320 | 43.3 | 1101 | 6/8 |
| 148 | 3760 | 97.2 | 2470 | 49.3 | 1251 | 6/8 |
| 154 | 3910 | 100.2 | 2545 | 52.2 | 1326 | 6/8 |
| \$20/25/ 3 | 30 Quad | | | | | 5ERIE |
| • 240 | 6100 | 85.2 | 2165 | 37.2 | 946 | 5/3 |
| 258 | 6560 | 90.9 | 2310 | 43.0 | 1091 | 3/3 |
| 276 | 7015 | 97.0 | 2463 | 49.0 | 1244 | 3/3 |
| 294 | 7480 | 103.0 | 2616 | 55.0 | 1397 | 3/3 |
| 312 | 7935 | 109.0 | 2768 | 61.0 | 1549 | 3/3 |
| S30 Qua | d | | | | | SERIE |
| • 240 | 6100 | 85.8 | 2180 | 37.8 | 961.0 | 5/3 |
| 258 | 6560 | 91.5 | 2325 | 43.5 | 1106 | 3/3 |
| 276 | 7015 | 97.6 | 2478 | 49.6 | 1259 | 3/3 |
| 294 | 7480 | 103.6 | 2631 | 55.6 | 1412 | 3/3 |
| 312 | 7935 | 109.6 | 2783 | 61.6 | 1564 | 3/3 |
| S35 Qua | d | | | | Ģ | 5SERIE |
| • 240 | 6100 | 86.6 | 2200 | 38.6 | 981 | 5/3 |
| 258 | 6560 | 91.5 | 2325 | 44.3 | 1126 | 3/3 |
| 276 | 7015 | 97.6 | 2478 | 50.4 | 1279 | 3/3 |
| 294 | 7480 | 103.6 | 2631 | 56.4 | 1432 | 3/3 |
| 312 | 7935 | 109.6 | 2783 | 62.4 | 1584 | 3/3 |









| | 1.1 | Manufacturer | | | S-Series IS | SUZU Tier4 | |
|----------------|------|---|-----------|--------------------------------|------------------------------|------------------------------|------------------------------|
| | 1.2 | Manufacturer's designation | | S20D | S25D | S30D | S35D |
| SIIS | 1.3 | Drive unit Diesel, L.P. Gas | | Diesel | Diesel | Diesel | Diesel |
| catio | 1.4 | Operator type stand on / driver seated | | Driver Seated | Driver Seated | Driver Seated | Driver Seated |
| Specifications | 1.5 | Load capacity / rated load | lbs(kg) | 4000 (2000) | 5000 (2500) | 6000 (3000) | 7000 (3500) |
| Sp | 1.6 | Load center distance | in(mm) | 24 (500) | 24 (500) | 24 (500) | 24 (500) |
| | 1.8 | Load center distance, center of drive axle to fork face | in(mm) | 18.3 (465) | 18.3 (465) | 18.7 (475) | 19.5 (495) |
| | 1.9 | Wheelbase | in(mm) | 65.0 (1650) | 65.0 (1650) | 66.9 (1700) | 66.9 (1700) |
| = | 2.1 | Service weight | lbs(kg) | 7,573 (3435) | 8,320 (3774) | 9,354 (4243) | 10,252 (4650) |
| Weight | 2.2 | Axle loading, loaded front / rear | lbs(kg) | 10,452 / 1,533 (4740 / 695) | 12,046 / 1,786 (5463 / 810) | 13,922 / 2,048 (6314 / 929) | 15,759 / 2,212 (7147 / 1003) |
| 8 | 2.3 | Axle loading, unloaded front / rear | lbs(kg) | 3,462 / 4,112 (1570 / 1865) | 3,310 / 5,012 (1501 / 2273) | 3,515 / 5,843 (1594 / 2650) | 3,524 / 6,730 (1598 / 3052) |
| | 3.1 | Tire type, P = pneumatic, SE = solid pneu ¹ | | Р | Р | Р | Р |
| | 3.2 | Tire size, front | | 7.00x12-14PR | 7.00x12-14PR | 28x9x15-14PR | 250x15-20PR |
| S | 3.3 | Tire size, rear | | 6.00x9-10PR | 6.00x9-10PR | 6.50x10-12PR | 6.50x10-12PR |
| Tires | 3.5 | Wheels, number front/rear (x = drive wheels) | | 2x / 2 | 2x / 2 | 2x / 2 | 2x / 2 |
| | 3.6 | Tread, front | in(mm) | 37.9 (964) | 37.9 (964) | 39.3 (999) | 39.6 (1005) |
| | 3.7 | Tread, rear | in(mm) | 38.2 (970) | 38.2 (970) | 38.2 (970) | 38.2 (970) |
| | 4.1 | Tilt of upright/fork carriage, back / forward | deg. | 10B / 8F | 10B / 8F | 10B / 8F | 10B / 8F |
| | 4.2 | Height, upright lowered | in(mm) | 85.2 (2165) | 85.2 (2165) | 85.8 (2180) | 86.6 (2200) |
| | 4.3 | Freelift | in(mm) | 4.3 (110) | 4.3 (110) | 4.3 (110) | 4.5 (115) |
| | 4.4 | Lift height ² | in(mm) | 130 (3300) | 130 (3300) | 130 (3300) | 125 (3165) |
| | 4.5 | Height, upright extended ⁶ | in(mm) | 154.5 (3924) | 154.5 (3924) | 156.2 (3967) | 154.1 (3913) |
| | 4.7 | Height overhead guard | in(mm) | 85.2 (2165) | 85.2 (2165) | 85.8 (2180) | 86.6 (2200) |
| | 4.8 | Seat height | in(mm) | 45.6 (1157) | 45.6 (1157) | 46.1 (1172) | 46.1 (1172) |
| | 4.12 | Coupling height | in(mm) | 16.1 (410) | 16.1 (410) | 16.7 (425) | 16.7 (425) |
| <u>~</u> | 4.19 | Overall length | in(mm) | 143.3 (3639) | 146.1 (3710) | 151.2 (3840) | 154.3 (3920) |
| Ision | 4.20 | Length to face of forks | in(mm) | 101.1 (2569) | 103.9 (2640) | 109.1 (2770) | 112.2 (2850) |
| Dimensions | 4.21 | Width_Tires | in(mm) | 45.7 (1160) | 45.7 (1160) | 48.1 (1220) | 48.9 (1242) |
| 0 | 4.22 | Fork dimensions | in(mm) | 1.75x4x42 (45x100x1070) | 1.75x4x42 (45x100x1070) | 1.75x4.8x42 (45x122x1070) | 2.0x5x42 (50x125x1070) |
| | 4.23 | Fork carriage, ITA | | CLASS II | CLASS II | CLASS III | CLASS III |
| | 4.24 | Fork carriage width | in(mm) | 41 (1041) | 41 (1041) | 41 (1041) | 45.1 (1145) |
| | 4.31 | Ground clearance minimum, loaded | in(mm) | 5.3 (135) | 5.3 (135) | 5.9 (150) | 6.7 (170) |
| | 4.32 | Ground clearance center of wheelbase | in(mm) | 6.1 (155) | 6.1 (155) | 6.7 (170) | 6.7 (170) |
| | 4.34 | Right Angle Stack (Add Load Length and Clearance) | in(mm) | 107.5 (2730) | 110 (2795) | 115.2 (2925) | 118 (2997) |
| | 4.35 | Turning radius (truck) | in(mm) | 89.2 (2265) | 91.7 (2330) | 96.5 (2450) | 98.5 (2502) |
| | 4.36 | Inside turning radius | in(mm) | 29.2 (741) | 29.2 (741) | 29.6 (751) | 29.6 (751) |
| | 5.1 | Travel speed loaded / unloaded | mph(km/h) | 10.3 (16.6) / 11.0 (17.7) | 10.1 (16.3) / 10.9 (17.6) | 10.9 (17.5) / 11.5 (18.6) | 11.8 (19) / 12.0 (19.3) |
| ą. | 5.2 | Lift speed loaded / unloaded | fpm(m/s) | 108.2 (0.55) / 114.1 (0.58) | 108.2 (0.55) / 114.1 (0.58) | 108.2 (0.55) / 114.1 (0.58) | 88.6 (0.45) / 94.5 (0.48) |
| Performance | 5.3 | Lowering speed loaded / unloaded | fpm(m/s) | 108.2 (0.55) / 98.4 (0.50) | 108.2 (0.55) / 98.4 (0.50) | 108.2 (0.55) / 98.4 (0.50) | 92.5 (0.47) / 84.6 (0.43) |
| rforr | 5.6 | Max. drawbar pull loaded / unloaded ^{3,4} | lbf(N) | 5172 (23,006) / 1675.5 (7,453) | 5214 (23,193) / 1583 (7,042) | 4747 (21,116) / 1660 (7,384) | 4354 (19,368) / 1660 (7,384) |
| Pe | 5.8 | Max. gradeability loaded / unloaded ^{3,4} | % | 47.6 / 23.2 | 40.7 / 20.2 | 31.1 / 19.0 | 25.0 / 17.5 |
| | 5.10 | Service brake | | WET | WET | WET | WET |
| | 7.1 | Manufacturer / Type | | ISUZU / 4LE2X | ISUZU / 4LE2X | ISUZU / 4LE2X | ISUZU / 4LE2X |
| g) | 7.2 | Rated output acc. to SAE J 1349 | HP(kW) | 61.7 (46) | 61.7 (46) | 61.7 (46) | 61.7 (46) |
| Drive Line | 7.3 | Rated speed | rpm | 2400 | 2400 | 2400 | 2400 |
|)rive | 7.4 | No. of cylinders / displacement | /in³(cm³) | 4 / 133 (2179) | 4 / 133 (2179) | 4 / 133 (2179) | 4 / 133 (2179) |
| | 8.2 | Operating pressure for attachments | bar | Adjustable | Adjustable | Adjustable | Adjustable |
| | 8.4 | Sound level, driver's ear ⁵ | dB (A) | 81 | 81 | 81 | 81 |

^{1.} Optional with solid tires 2. Futher lift heights see upright table 3. Laden with 1.6 km/h

Standard Specifications S-Series Pneumatic Ford L.P.Gas Engine CLARK





| 1.1 Manufactures Spain Spain | | | | | | | | | | |
|--|------|---|-----------|------------------------------|------------------------------|------------------------------|------------------------------|--|--|--|
| 1.3 Dive unt Deset L.P. Gas | 1.1 | Manufacturer | | | S-Series L.P.Gas FORD Tier4 | | | | | |
| 1.4. Operator syre stand on / driver sealed Insight Grows Sealed Driver Sealed Ontow Sealed To received To received To received To received To received To received 24 (200) | 1.2 | Manufacturer's designation | | S20L | S25L | S30L | S35L | | | |
| 1.5. Lood cases/by / raided boald Beloidy 44,000 (2000) 5000 (2000) 24 (500 | 1.3 | Drive unit Diesel, L.P. Gas | | L.P. Gas | L.P. Gas | L.P. Gas | L.P. Gas | | | |
| 1.6 In the contract distance Lingtony 1.4 (500) 2.4 (500) 2.4 (500) 2.4 (500) 2.4 (500) 2.6 (500) 6.5 (1750) 1.6 (600) 1.6 (1700) 1.6 (1700) 6.5 (1700) 7.5 (1700) <t< th=""><th>1.4</th><th>Operator type stand on / driver seated</th><th></th><th>Driver Seated</th><th>Driver Seated</th><th>Driver Seated</th><th>Driver Seated</th></t<> | 1.4 | Operator type stand on / driver seated | | Driver Seated | Driver Seated | Driver Seated | Driver Seated | | | |
| 1.8 but certer delitions, come of the cells to talk to. in (mm) 16.2 (455) 18.2 (475) 19.5 (485) 19.2 (475) 19.5 (485) 19.2 (475) 19.5 (485) 19.5 (485) 19.5 (485) 66.9 (1700) 66.9 (1700) 66.9 (1700) 40.6 (1700) 10.040 (4854) 2.2 (2.2 (2.2 (2.2 (2.2 (2.2 (2.2 (2.2 | 1.5 | Load capacity / rated load | lbs(kg) | 4000 (2000) | 5000 (2500) | 6000 (3000) | 7000 (3500) | | | |
| 1,9 Whodbass lin(mm) 65.0 (1650) 65.0 (1700) 66.9 (1700) 66.9 (1700) 2,1 Service weight listing 7.58 (3840) 3.111 (1678) 9.147 (4148) 10.00 (1704) 2,2 Axile bodding, included front / rear listing 1.58 (7174) (1685) (2410) 3.62 (7174) (1685) (2410) 3.62 (7174) (1685) (2410) 3.62 (7174) (1685) (2410) 3.62 (7174) (1685) (2410) 3.62 (7172) (1685) (2410) | 1.6 | Load center distance | in(mm) | 24 (500) | 24 (500) | 24 (500) | 24 (500) | | | |
| 2.1 Servicio weight Lisalità 7,588 (3840) 8,111 (3679) 14,091 /11 (1677) 10,001 (4554) 2.2 Alex locating, locaded front / rear lisalità 10,500 /17 (4605 / 1534) 12,187 / 1,485 (2607 / 1534) 14,000 /17 (1673 / 1534) 15,000 /17 (1673 / 1534) 10,000 (4554) 15,000 /17 (1673 / 1534) 10,000 /17 (1673 / 1534) 10,000 /17 (1673 / 1534) 10,000 /17 (1673 / 1534) 25,000 /17 (1673 / 1534)< | 1.8 | Load center distance, center of drive axle to fork face | in(mm) | 18.3 (465) | 18.3 (465) | 18.7 (475) | 19.5 (495) | | | |
| 2.2 As le leading, loraded front / rear los/(g) 10.585 / 1.777 (4806 / 534) 12.187 / 1.435 (5526 / 555) 14.050 / 1.711 (6373 / 776) 15.882 / 1.874 (7204 / 850) 2.3 Axia (leading, unisated front / rear Ibasign 3.482 / 1.767 (1556 / 7174) 3.482 / 1.702 (1556 / 7133) 3.544 / 55331 (1653 / 7299) 3.282 / 1.702 (1556 / 7133) 3.482 / 1.702 (1556 / 7133) 3.482 / 1.702 (1556 / 7133) 3.482 / 1.702 (1556 / 7133) 3.482 / 1.702 (1556 / 7133) 3.482 / 1.702 (1556 / 7133) 3.482 / 1.702 (1556 / 7133) 3.482 / 1.702 (1556 / 7134) 3.482 / 1.702 (1556 / 7134) 3.482 / 1.702 (1556 / 7134) 3.482 / 1.702 (1556 / 7134) 3.482 / 1.702 (1556 / 7134) 3.482 / 1.702 (1556 / 7134) 3.482 / 1.702 (1556 / 7134) 3.482 / 1.702 (1556 / 7134) 3.283 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7134) 3.28 / 1.702 (1556 / 7 | 1.9 | Wheelbase | in(mm) | 65.0 (1650) | 65.0 (1650) | 66.9 (1700) | 66.9 (1700) | | | |
| 2.3 Asta loading, unloaded front / road los(tg) 3,607/3,757 (1686 / 1704) 3,452 / 4702 (1686 / 2130) 3,644 / 5503 (1683 / 2908) 3,681 / 6,301 (1686 / 2908) 3.1 The year, Personantic SE ediction of 201 P < | 2.1 | Service weight | lbs(kg) | 7,363 (3340) | 8,111 (3679) | 9,147 (4149) | 10,040 (4554) | | | |
| 3.1 Trouppe, Perpouranic, SE equidateur FP P P P P P P 3.2 Tire size, front C 7.00x12-14PR 7.00x12-14PR 228x0x15-14PR 226x0x15-14PR 25x0x15-22PR 3.5 Wites, cruther fror/feer (x - drive wheels) x 2x/2 2x/2 <t< th=""><th>2.2</th><th>Axle loading, loaded front / rear</th><th>lbs(kg)</th><th>10,595 / 1,177 (4806 / 534)</th><th>12,187 / 1,435 (5528 / 651)</th><th>14,050 / 1,711 (6373 / 776)</th><th>15,882 / 1,874 (7204 / 850)</th></t<> | 2.2 | Axle loading, loaded front / rear | lbs(kg) | 10,595 / 1,177 (4806 / 534) | 12,187 / 1,435 (5528 / 651) | 14,050 / 1,711 (6373 / 776) | 15,882 / 1,874 (7204 / 850) | | | |
| 3.2 The size, frost 7.00x12-14PR 7.00x12-14PR 28x8x15-14PR 25x0x15-20PR 3.3 The six, mar 6.00x1-10PR 6.00x1-10PR 6.50x10-12PR 3.60x10-12PR 3.70x12-14PR 6.50x10-12PR 6.50x10-12PR 6.50x10-12PR 3.60x10-12PR 3.70x12-14PR 6.50x10-12PR 6.50x10-12PR 3.60x10-12PR 3.70x12-14PR 6.50x10-12PR 6.50x10-12PR 3.70x12-14PR 6.50x10-12PR 6.50x10-12PR 3.70x12-14PR 6.50x10-12PR 3.70x12-14PR 6.50x10-12PR 3.70x12-14PR 6.50x10-12PR 3.70x12-14PR 6.50x10-12PR 3.70x12-14PR 3.70x12-14PR 3.70x12-14PR 3.70x12-14PR 6.50x10-12PR 3.70x12-14PR 6.50x10-12PR 3.70x12-14PR 6.50x10-12PR 3.70x12-14PR 6.50x10-12PR 3.70x12-14PR 6.50x10-12PR 3.70x12-14PR 2.70x12 2.70x12 3.70x12-14PR 2.70x12 | 2.3 | Axle loading, unloaded front / rear | lbs(kg) | 3,607 / 3,757 (1636 / 1704) | 3,452 / 4,702 (1566 / 2133) | 3,644 / 5,503 (1653 / 2496) | 3,651 / 6,391 (1656 / 2899) | | | |
| 3.3 I'm sales, rear Feb. (b.00d-10PR) 6.00d-10PR 6.50c10-12PR 5.50c10-12PR 3.5 Vitells, nurner iron/hear (x- drive wheel) 2x/2 2x/2 <th>3.1</th> <th>Tire type, P = pneumatic, SE = solid pneu¹</th> <th></th> <th>Р</th> <th>Р</th> <th>Р</th> <th>Р</th> | 3.1 | Tire type, P = pneumatic, SE = solid pneu ¹ | | Р | Р | Р | Р | | | |
| 3.5 Wheels, number front/rear (x-drive wheels) Cx/2 2x/2 2x/2 2x/2 2x/2 3.6 Tread, Iront in(mm) 37.9 (964) 39.3 (999) 39.3 (990) 39.3 (990) 39.6 (1005) 3.7 Tread, Iront in(mm) 38.2 (970) | 3.2 | Tire size, front | | 7.00x12-14PR | 7.00x12-14PR | 28x9x15-14PR | 250x15-20PR | | | |
| 3.6 Tread, front in/mm) 3.7.9 (964) 3.9.3 (999) 3.9.6 (1005) 3.7 Tiesal, rear in/mm) 3.8.2 (970) 38.2 (970) 38.2 (970) 38.2 (970) 4.1 It in durpity/fix/fox carriago, back / forward dog. 108 / 8F 208 / 85 / 2000 86.6 (2000) 4.5 (115)< | 3.3 | Tire size, rear | | 6.00x9-10PR | 6.00x9-10PR | 6.50x10-12PR | 6.50x10-12PR | | | |
| 3.7 fread, rear fired, frear in (im) 38.2 (970) 38.2 (970) 38.2 (970) 38.2 (970) 38.2 (970) 4.1 110 fruphylh/lofic carriage, back / forward deg. 108 / 8F 148 / 109 43 (110) 43 (110) 43 (110) 45 (1157) 45 (1177) 45 (1177) 45 (1177) 45 (1177) 45 (1177) 45 (1177) 45 (1177) 45 (1177) 45 (1177) 45 (1177) <t< th=""><th>3.5</th><th>Wheels, number front/rear (x = drive wheels)</th><th></th><th>2x / 2</th><th>2x / 2</th><th>2x / 2</th><th>2x / 2</th></t<> | 3.5 | Wheels, number front/rear (x = drive wheels) | | 2x / 2 | 2x / 2 | 2x / 2 | 2x / 2 | | | |
| 4.1 Till of upright/fork carriage, back / forward deg.t. inform 8.62 / 2165) 8.52 / 2165) 8.52 / 2165) 8.58 / 2180) 8.66 / 2200) 4.2 Height, upright lowered inform 4.3 (110) 4.3 (110) 4.5 (115) 8.66 / 2200) 4.3 Freelit inform 1.30 (3300) 130 (3300) 130 (3300) 125 (3165) 4.5 Height upright extended* inform 1.54 5 (3324) 1.54 5 (3924) 15.62 (3967) 154.1 (3913) 4.7 Height powerhead quard (cab) inform 6.52 (2165) 8.52 (2165) 8.8 (2180) 8.66 (2200) 4.8 Seat height inform 4.56 (1157) 4.5 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.5 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.6 (1172) 4.7 (1160) 4.7 (1160 | 3.6 | Tread, front | in(mm) | 37.9 (964) | 37.9 (964) | 39.3 (999) | 39.6 (1005) | | | |
| 4.2 Height, upright lowered in/mm 85.2 (2165) 85.8 (2180) 86.6 (2200) 4.3 Freelit in/mm 4.3 (110) 4.3 (110) 4.3 (110) 4.5 (115) 4.4 Lift height upright extended* in/mm 150 (3300) 130 (3300) 130 (3300) 156.2 (3967) 154.1 (3913) 4.7 Height, upright extended* in/mm 154.5 (3924) 154.5 (3924) 156.2 (3967) 154.1 (3913) 4.7 Height overhead guard (cab) in/mm 45.6 (1157) 45.6 (1157) 46.1 (1172) 46.1 (1172) 4.8 Seal height in/mm 45.6 (1157) 45.6 (1157) 46.1 (1172) 46.1 (1172) 4.19 Overall length in/mm 161 (1010) 161 (140) 162 (440) 152 (3860) 49.2 (2850) 4.20 Length to face of foxis in/mm 45.7 (1160) 45.7 (1160) 48.1 (1220) 48.9 (1242) 4.21 Width_Tires in/mm 1.7 (1480) 45.7 (1160) 45.7 (1160) 45.7 (1160) 45.1 (150) 4.2 (345) 4.23< | 3.7 | Tread, rear | in(mm) | 38.2 (970) | 38.2 (970) | 38.2 (970) | 38.2 (970) | | | |
| 4.3 Freelith in(mm) 4.3 (110) 4.3 (110) 4.3 (110) 4.5 (115) 4.4 Lilt height? in(mm) 130 (3300) 130 (3300) 130 (3300) 130 (3300) 125 (3165) 4.5 Height, upright extended* in(mm) 154.5 (3924) 156.2 (3967) 156.1 (3913) 4.7 Height vorhead guard (cab) im(mm) 45.6 (1157) 45.6 (1157) 46.1 (1172) 46.1 (1172) 4.8 Seat height im(mm) 45.6 (1157) 45.6 (1157) 46.1 (1172) 46.1 (1172) 4.19 Overall length im(mm) 161.1 (410) 161.1 (410) 167.4(25) 167.4(25) 4.20 Length to base of forks im(mm) 45.7 (160) 45.7 (160) 48.1 (1220) 48.9 (1222) 4.21 Vidbt_Tires im(mm) 4.7 (160) 45.7 (160) 48.1 (1220) 48.9 (1222) 4.22 Fork dimensions im(mm) 4.1 (245) 1.7 5xx4x2 (45x100x1070) 1.75xx4x2 (45x100x1070) 1.75xx4x2 (45x102x1070) 2.0 5xx4x2 (50x125x1070) 4.23 Fork carria | 4.1 | Tilt of upright/fork carriage, back / forward | deg. | 10B / 8F | 10B / 8F | 10B / 8F | 10B / 8F | | | |
| 4.4 Lift height? in(mm) 130 (3300) 130 (3300) 130 (3300) 125 (3165) 4.5 Height, upright extended* in(mm) 154.5 (3924) 156.5 (3924) 156.2 (3967) 154.1 (3913) 4.7 Height overhead guard (cab) in(mm) 85.2 (2165) 85.2 (2165) 88.8 (2180) 86.6 (2200) 4.8 Seat height in(mm) 46.1 (1172) 41.2 (1172) 41.2 (1172) <th>4.2</th> <th>Height, upright lowered</th> <th>in(mm)</th> <th>85.2 (2165)</th> <th>85.2 (2165)</th> <th>85.8 (2180)</th> <th>86.6 (2200)</th> | 4.2 | Height, upright lowered | in(mm) | 85.2 (2165) | 85.2 (2165) | 85.8 (2180) | 86.6 (2200) | | | |
| 4.5 Height, upright extended ⁴ in(mm) 154.5 (3924) 154.5 (3924) 156.2 (3967) 154.1 (3913) 4.7 Height overhead guard (cab) in(mm) 85.2 (2165) 85.2 (2165) 85.8 (2180) 86.6 (2200) 4.8 Seat height in(mm) 45.6 (1157) 45.6 (1157) 46.1 (1172) 46.1 (1172) 4.19 Overall length in(mm) 16.1 (410) 16.1 (410) 15.1 (3840) 154.3 (3920) 4.20 Length to face of forks in(mm) 101.1 (2569) 103.9 (2640) 109.1 (2770) 112.2 (2850) 4.21 Width, Tires in(mm) 45.7 (1160) 45.7 (1160) 48.1 (1220) 48.9 (1242) 4.22 Fork darriage, ITA CLASS III CLASS III CLASS III CLASS III CLASS III 4.23 Fork carriage width in(mm) 41 (1041) 41 (1041) 41 (1041) 41 (1041) 45 (1145) 4.31 Ground clearance minimum, loaded in(mm) 5.3 (135) 5.3 (135) 5.9 (150) 6.7 (170) 4.32 Right Angle Stack | 4.3 | Freelift | in(mm) | 4.3 (110) | 4.3 (110) | 4.3 (110) | 4.5 (115) | | | |
| 4.7 Height overhead guard (cab) in(mm) 85.2 (2165) 85.2 (2165) 85.8 (2180) 86.6 (2200) 4.8 Seat height in(mm) 45.6 (1157) 45.6 (1157) 46.1 (1172) 46.1 (1172) 4.12 Coupling height in(mm) 16.1 (410) 16.7 (425) 16.7 (425) 16.7 (425) 4.19 Overall length in(mm) 14.3 (3639) 146.1 (3710) 151.2 (3840) 154.3 (3920) 4.20 Length to face of forks in (mm) 45.7 (1160) 45.7 (1160) 48.1 (1220) 4.9 (1242) 4.21 Width_Tires in (mm) 45.7 (1160) 45.7 (1160) 48.1 (1220) 4.9 (1422) 4.22 Fork dimensions in (mm) 45.7 (1160) 4.57 (1160) 48.1 (1220) 4.9 (1422) 4.24 Fork carriage, ITA CLASS II CLASS II CLASS II CLASS II CLASS II 4.31 Ground clearance enter of wheelbase in (mm) 4.1 (1041) 4.1 (1041) 4.1 (1041) 4.1 (1041) 4.5 (1145) 6.7 (170) 6.7 (170) < | 4.4 | Lift height ² | in(mm) | 130 (3300) | 130 (3300) | 130 (3300) | 125 (3165) | | | |
| 4.8 Seat height in(mm) 45.6 (1157) 45.6 (1157) 46.1 (1172) 46.1 (1172) 4.12 Coupling height in(mm) 16.1 (410) 16.1 (410) 16.7 (425) 16.7 (425) 4.19 Overall length in(mm) 143.3 (3639) 146.1 (3710) 151.2 (3840) 154.3 (3920) 4.20 Length to face of forks in(mm) 45.7 (1160) 45.7 (1160) 48.1 (1220) 48.9 (1242) 4.21 Width_Tires in(mm) 45.7 (1160) 45.7 (1160) 48.1 (1220) 48.9 (1242) 4.22 Fork dimensions in(mm) 1.75x4x42 (45x100x1070) 1.75x4x42 (45x122x1070) 2.0x5x42 (50x125x1070) 4.23 Fork carriage, ITA CLASS II CLASS II CLASS II CLASS III CLASS III 4.31 Ground clearance eminimum, loaded in(mm) 41 (1041) 41 (1041) 41 (1041) 45 (1145) 4.32 Ground clearance center of wheelbase in(mm) 61 (155) 61 (155) 67 (170) 67 (170) 4.34 Right Angle Stack (wat Lead Length and Clearance) | 4.5 | Height, upright extended ⁶ | in(mm) | 154.5 (3924) | 154.5 (3924) | 156.2 (3967) | 154.1 (3913) | | | |
| 4.12 Coupling height in(mm) 16.1 (410) 16.1 (410) 16.7 (425) 16.7 (425) 4.19 Overall length in(mm) 143.3 (3639) 146.1 (3710) 151.2 (3840) 154.3 (3920) 4.20 Length to face of forks in(mm) 40.1 (12669) 103.9 (2640) 109.1 (2770) 112.2 (2850) 4.21 Width_Tires in(mm) 45.7 (1160) 45.7 (1160) 48.1 (1220) 48.9 (1242) 4.22 Fork dimensions in(mm) 1.75x4x42 (45x100x1070) 1.75x4x42 (45x122x1070) 2.0x5x42 (50x125x1070) 4.23 Fork carriage, ITA CLASS III CLASS III CLASS III CLASS III 4.24 Fork carriage width in(mm) 4.1 (1041) 4.1 (1041) 4.1 (1041) 4.5 (1145) 4.31 Ground clearance center of Wheelbase in(mm) 6.1 (155) 6.1 (155) 6.7 (170) 6.7 (170) 4.34 Right Angle Stack (xed Load Length and Clearance) in(mm) 10.7 (7270) 110 (2795) 115 (2925) 118 (2997) 4.35 Turning radius (truck) in(mm)< | 4.7 | Height overhead guard (cab) | in(mm) | 85.2 (2165) | 85.2 (2165) | 85.8 (2180) | 86.6 (2200) | | | |
| 4.19 Overall length in(mm) 143.3 (3639) 146.1 (3710) 151.2 (3840) 154.3 (3920) 4.20 Length to face of forks in(mm) 101.1 (2569) 103.9 (2640) 109.1 (2770) 112.2 (2850) 4.21 Width_Tires in(mm) 45.7 (1160) 45.7 (1160) 48.1 (1220) 48.9 (1242) 4.22 Fork dimensions in(mm) 1.75x4x42 (45x100x1070) 1.75x4x42 (45x100x1070) 1.75x4x82 (45x102x1070) 2.0x5x42 (50x122x1070) 4.23 Fork carriage, ITA CLASS II CLASS II CLASS II CLASS III 4.31 Ground clearance minimum, loaded in(mm) 41 (1041) 41 (1041) 41 (1041) 45.7 (170) 6.7 (170) 4.32 Ground clearance eiter of wheelbase in(mm) 6.1 (155) 6.1 (155) 6.7 (170) 6.7 (170) 6.7 (170) 4.33 Right Angle Stack yout Load Length and Cleanance) in(mm) 107.5 (2730) 110 (2795) 115.2 (2925) 118 (2997) 4.35 Turning radius (truck) in (mm) 89.2 (2265) 91.7 (2330) 96.5 (2450) 9 | 4.8 | Seat height | in(mm) | 45.6 (1157) | 45.6 (1157) | 46.1 (1172) | 46.1 (1172) | | | |
| 4.20 Length to face of forks in(mm) 101.1 (2569) 103.9 (2640) 109.1 (2770) 112.2 (2850) 4.21 Width_Tires in(mm) 45.7 (1160) 45.7 (1160) 48.1 (1220) 48.9 (1242) 4.22 Fork dimensions in(mm) 1.75x4x42 (45x100x1070) 1.75x4x42 (45x100x1070) 1.75x4x42 (45x100x1070) 2.0x5x42 (50x125x1070) 4.23 Fork carriage, ITA CLASS II CLASS II CLASS II CLASS III 4.31 Ground clearance minimum, loaded in(mm) 4 (1041) 4 (1041) 4 (1041) 4 (1041) 4.5 (1145) 4.32 Ground clearance enterior wheelbase in(mm) 5.3 (135) 5.3 (135) 5.9 (150) 6.7 (170) 4.34 Right Angle Stack (Asta Load Length and Clearance) in(mm) 61 (155) 6.1 (155) 6.7 (170) 6.7 (170) 4.35 Timming radius in(mm) 89.2 (2265) 91.7 (2330) 96.5 (2450) 98.5 (2502) 4.36 Inside turning radius in(mm) 29.2 (741) 29.2 (741) 29.6 (751) 29.6 (751) 29.6 (751) < | 4.12 | Coupling height | in(mm) | 16.1 (410) | 16.1 (410) | 16.7 (425) | 16.7 (425) | | | |
| 4.21 Width_Tires in(mm) 45.7 (1160) 45.7 (1160) 48.1 (1220) 48.9 (1242) 4.22 Fork dimensions in(mm) 1.75x4x42 (45x100x1070) 1.75x4x42 (45x100x1070) 1.75x4x42 (45x102x1070) 2.0x5x42 (50x125x1070) 4.23 Fork carriage, ITA CLASS II CLASS II CLASS III CLASS III 4.24 Fork carriage width in(mm) 41 (1041) 41 (1041) 41 (1041) 45.1 (1145) 4.31 Ground clearance minimum, loaded in(mm) 5.3 (135) 5.9 (150) 6.7 (170) 6.7 (170) 4.34 Right Angle Stack (Add Lead Length and Clearance) in(mm) 107.5 (2730) 110 (2795) 115.2 (2825) 118 (2997) 4.35 Turning radius (truck) in(mm) 89.2 (2865) 91.7 (2330) 96.5 (2450) 98.5 (2502) 4.36 Inside turning radius (truck) in(mm) 29.2 (741) 29.2 (741) 29.6 (751) 29.6 (751) 5.1 Travel speed loaded / unloaded mph(km/s) 10.7 (17.2 /11.4 (18.3) 10.4 (16.8) /11.3 (18.2) 11.2 (18.1) /11.9 (19.3) 11.2 (18.1) /11.6 (1 | 4.19 | Overall length | in(mm) | 143.3 (3639) | 146.1 (3710) | 151.2 (3840) | 154.3 (3920) | | | |
| 4.22 Fork dimensions in(mm) 1.75x4x42 (45x100x1070) 1.75x4x42 (45x100x1070) 1.75x4x42 (45x120x1070) 2.0x5x42 (50x125x1070) 4.23 Fork carriage, ITA CLASS II CLASS III CLASS III CLASS III 4.24 Fork carriage width in(mm) 41 (1041) 41 (1041) 41 (1041) 45.1 (1145) 4.31 Ground clearance minimum, loaded in(mm) 5.3 (135) 5.9 (150) 6.7 (170) 4.32 Ground clearance center of wheelbase in(mm) 6.1 (155) 6.1 (155) 6.7 (170) 6.7 (170) 4.34 Right Angle Stack (wid Load Length and Clearance) in(mm) 107.5 (2730) 110 (2795) 115.2 (2925) 118 (2997) 4.35 Turning radius (truck) in(mm) 89.2 (2265) 91.7 (2330) 96.5 (2450) 98.5 (2502) 4.36 Inside turning radius in(mm) 29.2 (741) 29.2 (741) 29.6 (751) 29.6 (751) 5.1 Tavel speed loaded / unloaded mph(m/h) 10.7 (17.2) /11.4 (18.3) 10.4 (16.8) /11.3 (18.2) 11.2 (18.1) /11.9 (19.3) 11.2 (18.1) /11.9 (18.3) | 4.20 | Length to face of forks | in(mm) | 101.1 (2569) | 103.9 (2640) | 109.1 (2770) | 112.2 (2850) | | | |
| 4.23 Fork carriage, ITA CLASS II CLASS II CLASS III CLASS III 4.24 Fork carriage width in(mm) 41 (1041) 41 (1041) 41 (1041) 45.1 (1145) 4.31 Ground clearance minimum, loaded in(mm) 5.3 (135) 5.3 (135) 5.9 (150) 6.7 (170) 4.32 Ground clearance center of wheelbase in (mm) 6.1 (155) 6.1 (155) 6.7 (170) 6.7 (170) 4.34 Right Angle Stack (Add Lead Length and Clearance) in (mm) 107.5 (2730) 110 (2795) 115.2 (2925) 118 (2997) 4.35 Turning radius (truck) in (mm) 89.2 (2265) 91.7 (2330) 96.5 (2450) 98.5 (2502) 4.36 Inside turning radius in (mm) 29.2 (741) 29.2 (741) 29.6 (751) 29.6 (751) 29.6 (751) 5.1 Travel speed loaded / unloaded mph(km/h) 10.7 (17.2) / 11.4 (18.3) 10.4 (16.8) / 11.3 (18.2) 11.2 (18.1) / 11.9 (19.3) 11.2 (18.1) / 11.9 (19.3) 11.2 (18.1) / 11.9 (19.3) 11.2 (18.1) / 11.9 (19.3) 11.2 (18.1) / 11.9 (19.3) 11.2 (18.1) / 11.9 (19.3) 11.2 (18.1) / 11.9 (1 | 4.21 | Width_Tires | in(mm) | 45.7 (1160) | 45.7 (1160) | 48.1 (1220) | 48.9 (1242) | | | |
| 4.24 Fork carriage width in(mm) 41 (1041) 41 (1041) 41 (1041) 45.1 (1145) 4.31 Ground clearance minimum, loaded in(mm) 5.3 (135) 5.3 (135) 5.9 (150) 6.7 (170) 4.32 Ground clearance center of wheelbase in(mm) in(mm) 6.1 (155) 6.1 (155) 6.7 (170) 6.7 (170) 4.34 Right Angle Stack (Add Load Length and Clearance) in(mm) 107.5 (2730) 110 (2795) 115.2 (2925) 118 (2997) 4.35 Turning radius (truck) in(mm) 89.2 (2265) 91.7 (2330) 96.5 (2450) 98.5 (2502) 4.36 Inside turning radius in(mm) 29.2 (741) 29.2 (741) 29.6 (751) | 4.22 | Fork dimensions | in(mm) | 1.75x4x42 (45x100x1070) | 1.75x4x42 (45x100x1070) | 1.75x4.8x42 (45x122x1070) | 2.0x5x42 (50x125x1070) | | | |
| 4.31 Ground clearance minimum, loaded in(mm) 5.3 (135) 5.3 (135) 5.9 (150) 6.7 (170) 4.32 Ground clearance center of wheelbase in(mm) 6.1 (155) 6.1 (155) 6.7 (170) 6.7 (170) 4.34 Right Angle Stack (Add Load Length and Cleanance) in(mm) 107.5 (2730) 110 (2795) 115.2 (2925) 118 (2997) 4.35 Turning radius (truck) in(mm) 89.2 (2265) 91.7 (2330) 96.5 (2450) 98.5 (2502) 4.36 Inside turning radius in(mm) 29.2 (741) 29.2 (741) 29.6 (751)< | 4.23 | Fork carriage, ITA | | CLASS II | CLASS II | CLASS III | CLASS III | | | |
| 4.32 Ground clearance center of wheelbase in(mm) 6.1 (155) 6.7 (170) 6.7 (170) 4.34 Right Angle Stack (Add Lead Length and Clearance) in(mm) 107.5 (2730) 110 (2795) 115.2 (2925) 118 (2997) 4.35 Turning radius (truck) in(mm) 89.2 (2265) 91.7 (2330) 96.5 (2450) 98.5 (2502) 4.36 Inside turning radius in(mm) 29.2 (741) 29.2 (741) 29.6 (751) 29.6 (751) 5.1 Travel speed loaded / unloaded mph(km/h) 10.7 (17.2)/11.4 (18.3) 10.4 (16.8)/11.3 (18.2) 11.2 (18.1)/11.9 (19.3) 11.2 (18.1)/11.6 (18.7) 5.2 Lift speed loaded / unloaded fpm(m/s) 102.4 (0.52)/106.3 (0.54) 102.4 (0.52)/106.3 (0.54) 102.4 (0.52)/106.3 (0.54) 48.6 (0.43)/88.6 (0.45) 5.3 Lowering speed loaded / unloaded fpm(m/s) 108.2 (0.55)/98.4 (0.50) 108.2 (0.55)/98.4 (0.50) 108.2 (0.55)/98.4 (0.50) 42.6 (0.52)/106.3 (0.54) 44.6 (0.43)/88.6 (0.45) 5.6 Max. drawbar pull loaded / unloaded states and pull loaded / unloaded states a | 4.24 | Fork carriage width | in(mm) | 41 (1041) | 41 (1041) | 41 (1041) | 45.1 (1145) | | | |
| 4.34 Right Angle Stack (Add Load Length and Clearance) in (mm) 107.5 (2730) 110 (2795) 115.2 (2925) 118 (2997) 4.35 Turning radius (truck) in (mm) 89.2 (2265) 91.7 (2330) 96.5 (2450) 98.5 (2502) 4.36 Inside turning radius in (mm) 29.2 (741) 29.2 (741) 29.6 (751) 29.6 (751) 5.1 Travel speed loaded / unloaded mph (km/h) 10.7 (17.2)/11.4 (18.3) 10.4 (16.8)/11.3 (18.2) 11.2 (18.1)/11.9 (19.3) 11.2 (18.1)/11.6 (18.7) 5.2 Lift speed loaded / unloaded fpm (m/s) 102.4 (0.52)/106.3 (0.54) 102.4 (0.52)/106.3 (0.54) 84.6 (0.43)/88.6 (0.45) 5.3 Lowering speed loaded / unloaded fpm (m/s) 108.2 (0.55)/98.4 (0.50) 108.2 (0.55)/98.4 (0.50) 108.2 (0.55)/98.4 (0.50) 92.5 (0.47)/84.6 (0.43) 5.6 Max. drawbar pull loaded / unloaded 3.4 lbf(N) 4762 (21,182)/1751 (7,789) 4795 (21,329)/1656 (7,366) 4361 (19,399)/1742 (7,749) 4239 (18,856)/1731 (7,670) 5.8 Max. gradeability loaded / unloaded 3.4 % 44.2 / 24.8 37.6 / 21.4 28.8 / 20.3 24.6 / 18.5 5. | 4.31 | Ground clearance minimum, loaded | in(mm) | 5.3 (135) | 5.3 (135) | 5.9 (150) | 6.7 (170) | | | |
| 4.35 Turning radius (truck) in(mm) 89.2 (2265) 91.7 (2330) 96.5 (2450) 98.5 (2502) 4.36 Inside turning radius in(mm) 29.2 (741) 29.2 (741) 29.6 (751) 29.6 (751) 5.1 Travel speed loaded / unloaded mph(km/h) 10.7 (17.2) / 11.4 (18.3) 10.4 (16.8) / 11.3 (18.2) 11.2 (18.1) / 11.9 (19.3) 11.2 (18.1) / 11.6 (18.7) 5.2 Lift speed loaded / unloaded fpm(m/s) 102.4 (0.52) / 106.3 (0.54) 102.4 (0.52) / 106.3 (0.54) 102.4 (0.52) / 106.3 (0.54) 84.6 (0.43) / 88.6 (0.45) 5.3 Lowering speed loaded / unloaded fpm(m/s) 108.2 (0.55) / 98.4 (0.50) 108.2 (0.55) / 98.4 (0.50) 108.2 (0.55) / 98.4 (0.50) 92.5 (0.47) / 84.6 (0.43) 5.6 Max. drawbar pull loaded / unloaded ^{3.4} lbf(N) 4762 (21,182) / 1751 (7,789) 4795 (21,329) / 1656 (7,366) 4361 (19,399) / 1742 (7,749) 4239 (18,856) / 1731 (7,670) 5.8 Max. gradeability loaded / unloaded ^{3.4} % 44.2 / 24.8 37.6 / 21.4 28.8 / 20.3 24.6 / 18.5 5.10 Service brake WET WET WET WET 7.2 Ra | 4.32 | Ground clearance center of wheelbase | in(mm) | 6.1 (155) | 6.1 (155) | 6.7 (170) | 6.7 (170) | | | |
| 4.36 Inside turning radius in(mm) 29.2 (741) 29.2 (741) 29.6 (751) 29.6 (751) 5.1 Travel speed loaded / unloaded mph(km/h) 10.7 (17.2) / 11.4 (18.3) 10.4 (16.8) / 11.3 (18.2) 11.2 (18.1) / 11.9 (19.3) 11.2 (18.1) / 11.6 (18.7) 5.2 Lift speed loaded / unloaded fpm(m/s) 102.4 (0.52) / 106.3 (0.54) 102.4 (0.52) / 106.3 (0.54) 102.4 (0.52) / 106.3 (0.54) 84.6 (0.43) / 88.6 (0.45) 5.3 Lowering speed loaded / unloaded fpm(m/s) 108.2 (0.55) / 98.4 (0.50) 108.2 (0.55) / 98.4 (0.50) 92.5 (0.47) / 84.6 (0.43) 5.6 Max. drawbar pull loaded / unloaded³4 lbf(N) 4762 (21,182) / 1751 (7,789) 4795 (21,329) / 1656 (7,366) 4361 (19,399) / 1742 (7,749) 4239 (18,856) / 1731 (7,670) 5.8 Max. gradeability loaded / unloaded³4 % 44.2 / 24.8 37.6 / 21.4 28.8 / 20.3 24.6 / 18.5 5.10 Service brake WET WET WET WET WET 7.1 Manufacturer / Type FORD / FORD2.5 FORD / FORD2.5 FORD / FORD2.5 FORD / FORD2.5 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (| 4.34 | Right Angle Stack (Add Load Length and Clearance) | in(mm) | 107.5 (2730) | 110 (2795) | 115.2 (2925) | 118 (2997) | | | |
| 5.1 Travel speed loaded / unloaded mph(km/h) 10.7 (17.2)/11.4 (18.3) 10.4 (16.8)/11.3 (18.2) 11.2 (18.1)/11.9 (19.3) 11.2 (18.1)/11.6 (18.7) 5.2 Lift speed loaded / unloaded fpm(m/s) 102.4 (0.52) / 106.3 (0.54) 102.4 (0.52) / 106.3 (0.54) 102.4 (0.52) / 106.3 (0.54) 84.6 (0.43) / 88.6 (0.45) 5.3 Lowering speed loaded / unloaded of pm(m/s) 108.2 (0.55) / 98.4 (0.50) 108.2 (0.55) / 98.4 (0.50) 108.2 (0.55) / 98.4 (0.50) 92.5 (0.47) / 84.6 (0.43) 5.6 Max. drawbar pull loaded / unloaded 3.4 lbf(N) 4762 (21,182) / 1751 (7,789) 4795 (21,329) / 1656 (7,366) 4361 (19,399) / 1742 (7,749) 4239 (18,856) / 1731 (7,670) 5.8 Max. gradeability loaded / unloaded 3.4 % 44.2 / 24.8 37.6 / 21.4 28.8 / 20.3 24.6 / 18.5 5.10 Service brake WET WET WET WET WET 7.1 Manufacturer / Type FORD / FORD2.5 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69. | 4.35 | Turning radius (truck) | in(mm) | 89.2 (2265) | 91.7 (2330) | 96.5 (2450) | 98.5 (2502) | | | |
| 5.2 Lift speed loaded / unloaded fpm(m/s) 102.4 (0.52) / 106.3 (0.54) 102.4 (0.52) / 106.3 (0.54) 102.4 (0.52) / 106.3 (0.54) 84.6 (0.43) / 88.6 (0.45) 5.3 Lowering speed loaded / unloaded fpm(m/s) 108.2 (0.55) / 98.4 (0.50) 108.2 (0.55) / 98.4 (0.50) 108.2 (0.55) / 98.4 (0.50) 92.5 (0.47) / 84.6 (0.43) 5.6 Max. drawbar pull loaded / unloaded 3.4 lbf(N) 4762 (21,182) / 1751 (7,789) 4795 (21,329) / 1656 (7,366) 4361 (19,399) / 1742 (7,749) 4239 (18,856) / 1731 (7,670) 5.8 Max. gradeability loaded / unloaded 3.4 % 44.2 / 24.8 37.6 / 21.4 28.8 / 20.3 24.6 / 18.5 5.10 Service brake WET WET WET WET 7.1 Manufacturer / Type FORD / FORD2.5 7.2 Rated output acc. to SAE J 1349 HP(kW) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) <th>4.36</th> <th>Inside turning radius</th> <th>in(mm)</th> <th>29.2 (741)</th> <th>29.2 (741)</th> <th>29.6 (751)</th> <th>29.6 (751)</th> | 4.36 | Inside turning radius | in(mm) | 29.2 (741) | 29.2 (741) | 29.6 (751) | 29.6 (751) | | | |
| 5.3 Lowering speed loaded / unloaded fpm(m/s) 108.2 (0.55) / 98.4 (0.50) 108.2 (0.55) / 98.4 (0.50) 108.2 (0.55) / 98.4 (0.50) 92.5 (0.47) / 84.6 (0.43) 5.6 Max. drawbar pull loaded / unloaded³.4 lbf(N) 4762 (21,182) / 1751 (7,789) 4795 (21,329) / 1656 (7,366) 4361 (19,399) / 1742 (7,749) 4239 (18,856) / 1731 (7,670) 5.8 Max. gradeability loaded / unloaded³.4 % 44.2 / 24.8 37.6 / 21.4 28.8 / 20.3 24.6 / 18.5 5.10 Service brake WET WET WET WET 7.1 Manufacturer / Type FORD / FORD2.5 7.2 Rated output acc. to SAE J 1349 HP(kW) 69.7 (52) 69. | 5.1 | Travel speed loaded / unloaded | mph(km/h) | 10.7 (17.2) / 11.4 (18.3) | 10.4 (16.8) / 11.3 (18.2) | 11.2 (18.1) / 11.9 (19.3) | 11.2 (18.1) / 11.6 (18.7) | | | |
| 5.6 Max. drawbar pull loaded / unloaded ^{3,4} lbf(N) 4762 (21,182) / 1751 (7,789) 4795 (21,329) / 1656 (7,366) 4361 (19,399) / 1742 (7,749) 4239 (18,856) / 1731 (7,670) 5.8 Max. gradeability loaded / unloaded ^{3,4} % 44.2 / 24.8 37.6 / 21.4 28.8 / 20.3 24.6 / 18.5 5.10 Service brake WET WET WET WET WET 7.1 Manufacturer / Type FORD / FORD2.5 7.2 Rated output acc. to SAE J 1349 HP(kW) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 7.3 Rated speed rpm 2500 2500 2500 2500 2500 7.4 No. of cylinders / displacement /in³(cm³) 4 / 152 (2488) 4 / 152 (2488) 4 / 152 (2488) 4 / 152 (2488) 8.2 Operating pressure for attachments bar Adjustable Adjustable Adjustable Adjustable | 5.2 | Lift speed loaded / unloaded | fpm(m/s) | 102.4 (0.52) / 106.3 (0.54) | 102.4 (0.52) / 106.3 (0.54) | 102.4 (0.52) / 106.3 (0.54) | 84.6 (0.43) / 88.6 (0.45) | | | |
| 5.8 Max. gradeability loaded / unloaded ^{3.4} % 44.2 / 24.8 37.6 / 21.4 28.8 / 20.3 24.6 / 18.5 5.10 Service brake WET WET WET WET 7.1 Manufacturer / Type FORD / FORD2.5 FORD / FORD2.5 FORD / FORD2.5 FORD / FORD2.5 7.2 Rated output acc. to SAE J 1349 HP(kW) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 7.3 Rated speed rpm 2500 2500 2500 2500 7.4 No. of cylinders / displacement /in³(cm³) 4 / 152 (2488) 4 / 152 (2488) 4 / 152 (2488) 8.2 Operating pressure for attachments bar Adjustable Adjustable Adjustable Adjustable | 5.3 | Lowering speed loaded / unloaded | fpm(m/s) | 108.2 (0.55) / 98.4 (0.50) | 108.2 (0.55) / 98.4 (0.50) | 108.2 (0.55) / 98.4 (0.50) | 92.5 (0.47) / 84.6 (0.43) | | | |
| 5.10 Service brake WET WET WET WET WET 7.1 Manufacturer / Type FORD / FORD2.5 69.7 (52) | 5.6 | Max. drawbar pull loaded / unloaded ^{3,4} | lbf(N) | 4762 (21,182) / 1751 (7,789) | 4795 (21,329) / 1656 (7,366) | 4361 (19,399) / 1742 (7,749) | 4239 (18,856) / 1731 (7,670) | | | |
| 7.1 Manufacturer / Type FORD / FORD2.5 FORD / FORD2.5 FORD / FORD2.5 FORD / FORD2.5 7.2 Rated output acc. to SAE J 1349 HP(kW) 69.7 (52) | 5.8 | Max. gradeability loaded / unloaded ^{3,4} | % | 44.2 / 24.8 | 37.6 / 21.4 | 28.8 / 20.3 | 24.6 / 18.5 | | | |
| 7.2 Rated output acc. to SAE J 1349 HP(kW) 69.7 (52) 69.7 (52) 69.7 (52) 69.7 (52) 7.3 Rated speed rpm 2500 2500 2500 2500 7.4 No. of cylinders / displacement /in³(cm³) 4 / 152 (2488) 4 / 152 (2488) 4 / 152 (2488) 4 / 152 (2488) 8.2 Operating pressure for attachments bar Adjustable Adjustable Adjustable Adjustable | 5.10 | Service brake | | WET | WET | WET | WET | | | |
| 7.3 Rated speed rpm 2500 2500 2500 2500 7.4 No. of cylinders / displacement /in³(cm³) 4 / 152 (2488) 4 / 152 (2488) 4 / 152 (2488) 4 / 152 (2488) 8.2 Operating pressure for attachments bar Adjustable Adjustable Adjustable Adjustable | | Manufacturer / Type | | FORD / FORD2.5 | FORD / FORD2.5 | FORD / FORD2.5 | FORD / FORD2.5 | | | |
| 7.4No. of cylinders / displacement/in³(cm³)4 / 152 (2488)4 / 152 (2488)4 / 152 (2488)4 / 152 (2488)8.2Operating pressure for attachmentsbarAdjustableAdjustableAdjustableAdjustable | 7.2 | Rated output acc. to SAE J 1349 | HP(kW) | 69.7 (52) | 69.7 (52) | 69.7 (52) | 69.7 (52) | | | |
| 8.2 Operating pressure for attachments bar Adjustable Adjustable Adjustable Adjustable Adjustable | 7.3 | Rated speed | rpm | 2500 | 2500 | 2500 | 2500 | | | |
| | 7.4 | No. of cylinders / displacement | /in³(cm³) | 4 / 152 (2488) | 4 / 152 (2488) | 4 / 152 (2488) | 4 / 152 (2488) | | | |
| 8.4 Sound level, driver's ear ⁵ dB (A) 79 79 79 | 8.2 | Operating pressure for attachments | bar | Adjustable | Adjustable | Adjustable | Adjustable | | | |
| | 8.4 | Sound level, driver's ear ⁵ | dB (A) | 79 | 79 | 79 | 79 | | | |



100 YEARS OF MATERIAL HANDLING INNOVATION

CENN

A Centennial is an important milestone which not only celebrates longevity, but testifies to the strength of the CLARK brand across generations. This is reflected in the more than one million lift trucks manufactured by CLARK Material Handling Company over the past 100 years. Even more powerful than the number of trucks built is the company's legacy of innovation. It began in 1917 when employees of CLARK Equipment Company constructed a simple three-wheeled shop buggy to haul sand and castings between buildings at their Buchanan, Michigan plant. The "Tructractor" as the shop buggy was named, became

the first internal combustion material handling truck and was a great success. The industrial truck was

first hydraulic lift. Through the years, many extraordinary inventions followed, among them the nested I-beam upright, overhead guard and operator restraint system. The founding principles of Eugene B. Clark are still true: "Aim always to build the best; never be content with just as good." Today the company remains focused on a bright future and the technologies and trends driving the material handling industry around the world.

born and in the process CLARK developed the

One Purpose, One Brand, One Legacy, One Century.





S-SERIES S25 BROCHURE

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Owner Protection Warranty

This Certificate Covers All Models Included In ITA CLASS I, CLASS II, CLASS IV and CLASS V

TWO-YEAR/4000 HOUR PROTECTION

When you buy or lease the new CLARK Product listed below from CLARK or an authorized CLARK dealer, CLARK warrants that its dealers will correct defects in material or workmanship as follows:

FIRST TWELVE MONTHS: For the first twelve months after the product has been delivered to you, the CLARK dealer will, without charge, provide genuine CLARK parts, labor, and a service call to replace or repair any covered part furnished by CLARK and found to be defective in material or workmanship, providing truck use has not exceeded 2000 hours

BALANCE OF PLAN PERIOD: For an additional 12 months the CLARK dealer will, without charge (except for the service call), provide new or repaired replacement parts and labor on the major components identified below, provided truck use has not exceeded 4000 hours. The major components are:

- 1. In Internal Combustion Industrial Trucks:
 - a) Engine (excluding all accessories)
 - b) Transmission (excluding all accessories)
 - c) Drive axle
 - d) Instrument Panel (GEN2 Models)
 - e) Truck Frame
 - f) Upright Rails and Carriage (excluding rollers, chain, harnesses and hoses)
- 2. In Electric & Narrow Aisle Industrial Trucks Including Order Selectors:
 - a) All electric motors
 - b) Control panel components
 - c) Contactor panels
 - d) Drive Axle
 - e) Truck Frame
 - f) Upright Rails and Carriage (excluding rollers, chain, harnesses and hoses)

EPA COMPLIANT FUEL SYSTEM: For 36 months after the product has been delivered to you the CLARK dealer will, without charge, provide new or repaired fuel and ignition system components, except for the fuel tank,

spark plugs, and wires; and labor to install, provided truck use has not exceeded 2500 hours.

EPA COMPLIANT SPECIAL COMPONENTS: For 60 months after the product has been delivered to you the CLARK dealer will, without charge replace the Catalytic Muffler, Throttle Body, Governor Assembly, or Engine Control Module; and labor to install, provided truck use has not exceeded 3500 hours.

TRUCKS EQUIPPED WITH WET DISC BRAKES:

For 36 months after the product has been delivered to you the CLARK dealer will, without charge, provide new or repaired brake linings, seals and piston components of the Wet Disc Brake system on the CLARK model trucks so equipped; and labor to install, provided truck use has not exceeded 10.000 hours.

CONDITIONS, EXCLUSIONS AND LIMITATIONS:

During the above warranty periods, CLARK requires that the product receives normal use and recommended regular maintenance, that you give CLARK or a CLARK dealer reasonable notice of the defect, and that you permit the dealer to return defective parts to CLARK.

Replacement parts provided under this warranty are covered herein for the remainder of the warranty period applicable to the truck in which they are installed.

Naturally, this warranty does not apply to damage arising from accident, misuse or neglect, use of non-CLARK parts, or from alterations not authorized by CLARK; nor does it cover replacement of normal service items such as filters, motor brushes, contactor tips, fan belts, or brake linings. Also not covered are adjustments, including initial field set-up. Adjustments are considered normal maintenance procedures. The costs of rental units are also not covered.

CLARK may make design changes in the interest of improving the efficiency of its products, but shall not incur any obligation to incorporate such improvements in any products that have been shipped or are in service. This warranty plan does not apply to tires, batteries,

battery chargers, attachments, quad uprights not manufactured by CLARK. These products are covered instead by the existing warranties, if any, of the manufacturers of the product. It also does not apply to Powrworkers covered by alternate plans.

Unless CLARK otherwise agrees in writing, this warranty is in lieu of all other warranties (except the warranty of title) and states CLARK's entire obligation with respect to defects in new product made or sold by CLARK. THERE ARENOIMPLIEDWARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL CLARK BE LIABLE FOR INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES.

As used in this warranty, "CLARK" means CLARK Material Handling Company for products sold or leased in North America.

| Machine Serial Number |
|-----------------------------|
| Company |
| |
| Installed at (city, state) |
| Date Installed (m-d-y) |
| Delivering Dealer |
| Authorized Dealer Signature |



C551-6 OPW December 2011



INSTALLATION REPORT

| | MODEL SERIAL SEQ. INSTALLATION DATE MONTH DAY YEAR | HOUR METER | RENTAL YES NO | MAKE READY DATE | INSTALLING DLR NO. /SERVICING DLR NO. INST. TRAVEL HOURS / ROUND TRIP YEAR |
|----|--|---------------------------------|----------------|--|--|
| | EXPANDED WARRANTY ON EQUIPMENT? OWNER'S NAME (NO ABBREVATIONS) | YES NO | · | T/ORDER NUMBER FOR DET S STREET ADDRESS (MAILIN | |
| 1. | SERIAL NUMBER INFOR | RMATION SHO | WN BELOW IS | DRIV | WARRANTY PURPOSES. /E MOTOR / ENGINE al number (S) |
| 2. | UPRIGHT MFH DECK NUMBER TRANSMISSION SERIAL NUMBER | SERIAL NI | | STEER AXLE SE | RIAL NUMBER |
| | I HEARBY ACKNOWLED 1. WARRANTY CERTIFICATI 2. OPERATOR'S MANUAL 3. EMPLOYER'S GUIDE TO I OPERATOR TRAINING IS DEALER'S REPRESENTATIVE SIGNA | E MATERIAL HAI S AVAILABL | NDLING SAFE | | |
| | MONTH DAY YEAR | ATURE | | | DAY YEAR |

*NOTE – THE ABOVE INFORMATION IS TO BE ENTERED INTO THE "CLARK ONLINE SYSTEM" BY THE DEALERSHIP

ORIGINAL - RETAIN IN DEALERSHIP RECORDS, 2ND COPY - GIVE TO CUSTOMER

