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WV PURCHASING  
DIVISION

DATE: 11.20.19


STATE DOH FORKLIFT BID

Summary for Bid for CRFQ 08032000000044 VERSION 4

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**VENDOR: Jefferds Corporation 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
<b>Total Bid Cost</b>					<b>\$614,100.00</b>

**Contract will be awarded to the lowest responsible bidder meeting specifications**

**Vendor Information**

**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**

*SIGNATURE: Monty R. Barnett*



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: 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 DOT2000000044	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:  
*JEFFERSON CORPORATION*  
*PO BOX 757*  
*2070 WINFIELD RD*  
*ST. ALBANS WV 25177*  
*PHONE (304) 755-8111*

**FOR INFORMATION CONTACT THE BUYER**

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

Signature X *Whitby R Barnett* FEIN # *55-0336065* DATE *11-19-2019*

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

**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 BUCKHANNON WV26201 US	DIVISION OF HIGHWAYS EQUIPMENT DIVISION 83 BRUSHY FORK RD CROSSING BUCKHANNON WV 26201 US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	FORK TRUCK	20.00000	EA	<i>\$30,705.00</i>	<i>\$614,100.00</i>

Comm Code	Manufacturer	Specification	Model #
24101603	<i>CLARK</i>	<i>CLASS 339 Forktruck Bio</i>	<i>525</i>

**Extended Description :**

HYSTER H50XT FORK TRUCK OR EQUAL

**SCHEDULE OF EVENTS**

Line	Event	Event Date
1	MANDATORY PRE-BID MEETING	2019-10-24
2	VENDOR QUESTION DEADLINE	2019-10-30

DOT2000000044	<b>Document Phase</b> Final	<b>Document Description</b> ADDENDUM 3 FORK TRUCK (7020EC11)	<b>Page 3</b> of 3
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**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions

**REQUEST FOR QUOTATION**  
**CRFQ DOT200000044**  
**(WVDOH CLASS 338) HYSTER H50XT FORK TRUCK OR EQUAL (7020EC11)**

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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.

- 8.3 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:** ELIZABETH SHAFER  
**Telephone Number:** 304-623-6541  
**Fax Number:** 304-755-7544  
**Email Address:** LIZSHAFFER@JEFFERSON.COM

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 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.
8.  **Application is made for reciprocal preference.**  
Bidder is a West Virginia resident and is requesting reciprocal preference to the extent that it applies.

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: Jefferds Corporation

Signed: 

Date: 11.12.19

Title: Sales Manager

\*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

**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 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 checked="" 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.

JEFFEROS CORPORATION

\_\_\_\_\_  
Company

Matt R. Barrett

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

11/20/19

\_\_\_\_\_  
Date

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

Revised 6/8/2012



**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 ADKINS, CONTRACT ADMINISTRATOR  
(Name, Title)

\_\_\_\_\_  
(Printed Name and Title)

\_\_\_\_\_  
(Address)

JEFFERDS Corp. 2070 Winfield Rd. St. Albans WV 25177  
(Phone Number) / (Fax Number)

JERRY LEE ADKINS @ JEFFERDS.COM  
(email address)

**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)

Monty R. Barnett  
(Authorized Signature) (Representative Name, Title)

MONTY R. BARNETT  
(Printed Name and Title of Authorized Representative)

11-7-2019  
(Date)

304-755-8111  
(Phone Number) (Fax Number)

# 5 SERIES™



## Low Cost of Ownership



- 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

## High 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

### & 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
- Perform daily inspections

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

To park a lift truck, an operator must:

- Completely lower forks or attachments
- Shift into neutral
- Turn key off

- 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 equipment.

**SMART • STRONG • SAFE**

# Standard Specifications S-Series Pneumatic Isuzu Diesel Engine



		S-Series ISUZU Tier4				
		S20D	S25D	S30D	S35D	
Specifications	1.1	Manufacturer				
	1.2	Manufacturer's designation	S20D	S25D	S30D	S35D
	1.3	Drive unit Diesel, L.P. Gas	Diesel	Diesel	Diesel	Diesel
	1.4	Operator type stand on / driver seated	Driver Seated	Driver Seated	Driver Seated	Driver Seated
	1.5	Load capacity / rated load	4000 (2000)	5000 (2500)	6000 (3000)	7000 (3500)
	1.6	Load center distance	24 (500)	24 (500)	24 (500)	24 (500)
Weight	1.8	Load center distance, center of drive axle to fork face	18.3 (465)	18.3 (465)	18.7 (475)	19.5 (495)
	1.9	Wheelbase	65.0 (1650)	65.0 (1650)	66.9 (1700)	66.9 (1700)
	2.1	Service weight	7,573 (3435)	8,320 (3774)	9,354 (4243)	10,252 (4650)
	2.2	Axle loading, loaded front / rear	10,452 / 1,533 (4740 / 695)	12,046 / 1,786 (5463 / 810)	13,922 / 2,048 (6314 / 929)	15,759 / 2,212 (7147 / 1003)
	2.3	Axle loading, unloaded front / rear	3,462 / 4,112 (1570 / 1865)	3,310 / 5,012 (1501 / 2273)	3,515 / 5,843 (1594 / 2650)	3,524 / 6,730 (1598 / 3052)
	Tires	3.1	Tire type, P = pneumatic, SE = solid pneu <sup>1</sup>	P	P	P
3.2		Tire size, front	7.00x12-14PR	7.00x12-14PR	28x9x15-14PR	250x15-20PR
3.3		Tire size, rear	6.00x9-10PR	6.00x9-10PR	6.50x10-12PR	6.50x10-12PR
3.5		Wheels, number front/rear (x = drive wheels)	2x / 2	2x / 2	2x / 2	2x / 2
3.6		Tread, front	37.9 (964)	37.9 (964)	39.3 (999)	39.6 (1005)
3.7		Tread, rear	38.2 (970)	38.2 (970)	38.2 (970)	38.2 (970)
Dimensions		4.1	Tilt of upright/fork carriage, back / forward	deg. 10B / 8F	10B / 8F	10B / 8F
	4.2	Height, upright lowered	85.2 (2165)	85.2 (2165)	85.8 (2180)	86.6 (2200)
	4.3	Freelift	4.3 (110)	4.3 (110)	4.3 (110)	4.5 (115)
	4.4	Lift height <sup>2</sup>	130 (3300)	130 (3300)	130 (3300)	125 (3165)
	4.5	Height, upright extended <sup>6</sup>	154.5 (3924)	154.5 (3924)	156.2 (3967)	154.1 (3913)
	4.7	Height overhead guard	85.2 (2165)	85.2 (2165)	85.8 (2180)	86.6 (2200)
	4.8	Seat height	45.6 (1157)	45.6 (1157)	46.1 (1172)	46.1 (1172)
	4.12	Coupling height	16.1 (410)	16.1 (410)	16.7 (425)	16.7 (425)
	4.19	Overall length	143.3 (3639)	146.1 (3710)	151.2 (3840)	154.3 (3920)
	4.20	Length to face of forks	101.1 (2569)	103.9 (2640)	109.1 (2770)	112.2 (2850)
	4.21	Width_Tires	45.7 (1160)	45.7 (1160)	48.1 (1220)	48.9 (1242)
	4.22	Fork dimensions	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	41 (1041)	41 (1041)	41 (1041)	45.1 (1145)
	4.31	Ground clearance minimum, loaded	5.3 (135)	5.3 (135)	5.9 (150)	6.7 (170)
	4.32	Ground clearance center of wheelbase	6.1 (155)	6.1 (155)	6.7 (170)	6.7 (170)
	4.34	Right Angle Stack (Add Load Length and Clearance)	107.5 (2730)	110 (2795)	115.2 (2925)	118 (2997)
	4.35	Turning radius (truck)	89.2 (2265)	91.7 (2330)	96.5 (2450)	98.5 (2502)
	4.36	Inside turning radius	29.2 (741)	29.2 (741)	29.6 (751)	29.6 (751)
Performance	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)
	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)
	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 <sup>3,4</sup>	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)
	5.8	Max. gradeability loaded / unloaded <sup>3,4</sup>	% 47.6 / 23.2	40.7 / 20.2	31.1 / 19.0	25.0 / 17.5
	5.10	Service brake	WET	WET	WET	WET
Drive Line	7.1	Manufacturer / Type	ISUZU / 4LE2X	ISUZU / 4LE2X	ISUZU / 4LE2X	ISUZU / 4LE2X
	7.2	Rated output acc. to SAE J 1349	HP(kW) 61.7 (46)	61.7 (46)	61.7 (46)	61.7 (46)
	7.3	Rated speed	rpm 2400	2400	2400	2400
	7.4	No. of cylinders / displacement	/in <sup>3</sup> (cm <sup>3</sup> ) 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 <sup>5</sup>	dB (A) 81	81	81	81	

1. Optional with solid tires  
2. Further lift heights see upright table  
3. Laden with 1.6 km/h

4. At friction coefficient  $\mu=0.6$   
5. Equivalent permanent sound-pressure level L  
pAeq, T in accordance with DIN EN 12053

6. Without load backrest

## Upright Table

Maximum Fork Height	Overall Height <sup>1</sup> Lowered	Free Lift <sup>3</sup>		Standard Tilt Spec <sup>2</sup> B°/F°
		in	mm	
83	2120	62.0	1575	4.3 110 6/10
117	2980	78.9	2005	4.3 110 8/10
• 130	3300	85.2	2165	4.3 110 10/8
138	3500	90.7	2305	4.3 110 10/8
147	3725	96.7	2455	4.3 110 10/8
152	3860	99.6	2530	4.3 110 10/8
164	4165	110.2	2800	4.3 110 5/6
172	4380	118.1	3000	4.3 110 5/6
182	4620	127.2	3230	4.3 110 5/6
204	5170	137.6	3495	4.3 110 5/3

Maximum Fork Height	Overall Height <sup>1</sup> Lowered	Free Lift <sup>3</sup>		Standard Tilt Spec <sup>2</sup> B°/F°
		in	mm	
83	2120	62.6	1590	4.3 110 6/10
117	2980	79.5	2020	4.3 110 8/10
• 130	3300	85.8	2180	4.3 110 10/8
138	3500	91.3	2320	4.3 110 10/8
147	3725	97.2	2470	4.3 110 10/8
152	3860	100.2	2545	4.3 110 10/8
164	4165	110.8	2815	4.3 110 5/6
172	4380	118.7	3015	4.3 110 5/6
182	4620	127.8	3245	4.3 110 5/6
204	5170	138.2	3510	4.3 110 5/3

Maximum Fork Height	Overall Height <sup>1</sup> Lowered	Free Lift <sup>3</sup>		Standard Tilt Spec <sup>2</sup> B°/F°
		in	mm	
78	1985	63.4	1610	4.5 115 6/10
112	2845	80.3	2040	4.5 115 8/10
• 125	3165	86.6	2200	4.5 115 10/8
132	3365	92.1	2340	4.5 115 10/8
141	3590	98.0	2490	4.5 115 10/8
147	3725	101.0	2565	4.5 115 10/8
159	4030	111.6	2835	4.5 115 5/6
167	4245	119.5	3035	4.5 115 5/6
177	4485	128.5	3265	4.5 115 5/6
198	5035	139.0	3530	4.5 115 5/3

Maximum Fork Height	Overall Height <sup>1</sup> Lowered	Free Lift <sup>3</sup>		Standard Tilt Spec <sup>2</sup> B°/F°
		in	mm	
• 170	4320	78.9	2005	30.9 786 5/6
177	4500	81.3	2065	33.3 846 5/6
• 189	4800	85.2	2165	37.2 946 5/6
205	5210	90.7	2305	42.8 1086 5/3
217	5520	96.7	2455	48.7 1236 5/3
226	5740	99.6	2530	51.6 1311 5/3
240	6100	105.9	2690	57.9 1471 5/3
251	6370	110.2	2800	62.2 1581 3/3
269	6830	118.1	3000	70.1 1781 3/3
288	7315	127.2	3230	79.2 2011 3/3

Maximum Fork Height	Overall Height <sup>1</sup> Lowered	Free Lift <sup>3</sup>		Standard Tilt Spec <sup>2</sup> B°/F°
		in	mm	
170	4320	79.5	2020	31.5 801 5/6
177	4500	81.9	2080	33.9 861 5/6
• 189	4800	85.8	2180	37.8 961 5/6
205	5210	91.3	2320	43.3 1101 5/3
217	5520	97.2	2470	49.3 1251 5/3
226	5740	100.2	2545	52.2 1326 5/3
240	6100	106.5	2705	58.5 1486 5/3
251	6370	110.8	2815	62.8 1596 3/3
269	6830	118.7	3015	70.7 1796 3/3
288	7315	127.8	3245	79.8 2026 3/3

Maximum Fork Height	Overall Height <sup>1</sup> Lowered	Free Lift <sup>3</sup>		Standard Tilt Spec <sup>2</sup> B°/F°
		in	mm	
163	4140	80.3	2040	32.3 821 5/6
170	4320	82.7	2100	34.7 881 5/6
• 182	4620	86.6	2200	38.6 981 5/6
198	5030	92.1	2340	44.1 1121 5/6
210	5340	98.0	2490	50.0 1271 5/3
219	5560	101.0	2565	53.0 1346 5/3
233	5920	107.3	2725	59.3 1506 5/3
244	6190	111.6	2835	63.6 1616 5/3
262	6650	119.5	3035	71.5 1816 3/3
281	7135	128.5	3265	80.6 2046 3/3

- Indicates preferred common specification.
  - 1 For overall height raised with load backrest, add 48 in. (1220 mm) to maximum fork height.
  - 2 Standard tilt shown. Contact CLARK representative for information on optional tilt.
  - 3 Free lift dimensions shown are without load backrest.
- Other uprights available, contact a Clark representative.

**Notes**  
Production engines and driveline components may vary in output and/or efficiency by ±5%. The performance shown represents nominal values which may be obtained under typical operating conditions of a machine.

## Upright Table

Maximum Fork Height	Overall Height <sup>1</sup> Lowered	Free Lift <sup>3</sup>		Standard Tilt Spec <sup>2</sup> B°/F°
		in	mm	
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

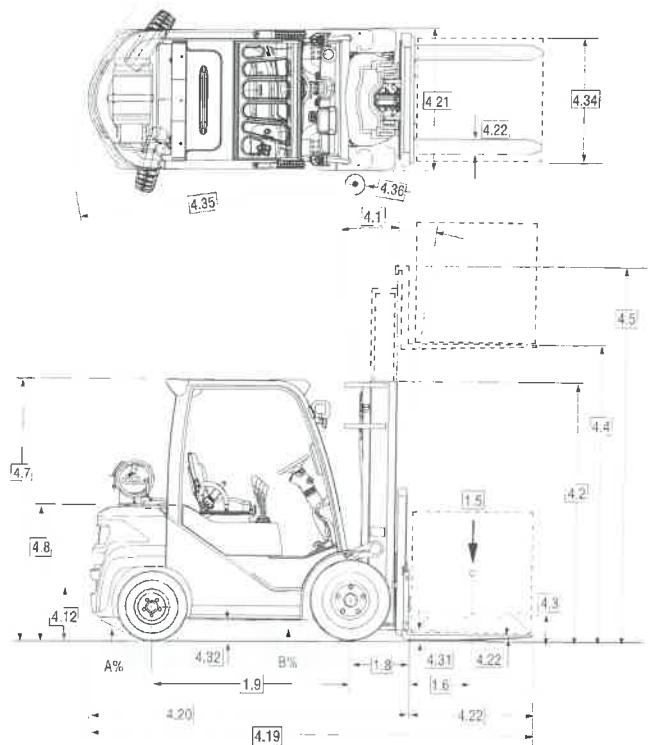
Maximum Fork Height	Overall Height <sup>1</sup> Lowered	Free Lift <sup>3</sup>		Standard Tilt Spec <sup>2</sup> B°/F°
		in	mm	
115	2935	79.5	2020	31.5 801 6/8
• 128	3255	85.8	2180	37.8 961 6/8
139	3530	91.3	2320	43.3 1101 6/8
148	3760	97.2	2470	49.3 1251 6/8
154	3910	100.2	2545	52.2 1326 6/8

Maximum Fork Height	Overall Height <sup>1</sup> Lowered	Free Lift <sup>3</sup>		Standard Tilt Spec <sup>2</sup> B°/F°
		in	mm	
• 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

Maximum Fork Height	Overall Height <sup>1</sup> Lowered	Free Lift <sup>3</sup>		Standard Tilt Spec <sup>2</sup> B°/F°
		in	mm	
• 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

Maximum Fork Height	Overall Height <sup>1</sup> Lowered	Free Lift <sup>3</sup>		Standard Tilt Spec <sup>2</sup> B°/F°
		in	mm	
• 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

Model	Grade Clearance	
	A%	B%
S20	60.1	42.0
S25	50.0	42.0
S30	57.7	46.8
S35	57.7	48.6



For corresponding data see Specification Chart

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



		S-Series L.P.Gas FORD Tier4				
		S20L	S25L	S30L	S35L	
		L.P. Gas	L.P. Gas	L.P. Gas	L.P. Gas	
1.1	Manufacturer					
1.2	Manufacturer's designation					
1.3	Drive unit Diesel, L.P. Gas					
1.4	Operator type stand on / driver seated	Driver Seated	Driver Seated	Driver Seated	Driver Seated	
1.5	Load capacity / rated load	lbs(kg)	4000 (2000)	5000 (2500)	6000 (3000)	7000 (3500)
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)	7,363 (3340)	8,111 (3679)	9,147 (4149)	10,040 (4554)
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)
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)
3.1	Tire type, P = pneumatic, SE = solid pneu <sup>1</sup>	P	P	P	P	
3.2	Tire size, front	7.00x12-14PR	7.00x12-14PR	28x9x15-14PR	250x15-20PR	
3.3	Tire size, rear	6.00x9-10PR	6.00x9-10PR	6.50x10-12PR	6.50x10-12PR	
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 <sup>2</sup>	in(mm)	130 (3300)	130 (3300)	130 (3300)	125 (3165)
4.5	Height, upright extended <sup>6</sup>	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)
4.12	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)	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)	1.75x4.8x42 (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)	10.7 (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 <sup>3,4</sup>	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 <sup>3,4</sup>	%	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)
7.3	Rated speed	rpm	2500	2500	2500	2500
7.4	No. of cylinders / displacement	/in <sup>3</sup> (cm <sup>3</sup> )	4 / 152 (2488)	4 / 152 (2488)	4 / 152 (2488)	4 / 152 (2488)
8.2	Operating pressure for attachments	bar	Adjustable	Adjustable	Adjustable	Adjustable
8.4	Sound level, driver's ear <sup>5</sup>	dB (A)	79	79	79	79

1. Optional with solid tires

2. Further lift heights see upright table

3. Laden with 1.5 km/h

4. At friction coefficient  $\mu=0.6$

5. Equivalent permanent sound-pressure level L<sub>pAeq, T</sub> in accordance with DIN EN 12053

6. Without load backrest

**TO : State of West Virginia Bid Clerk**  
2019 Washington Street, East  
Charleston, WV 25305

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

**Attention :** Ms. Crystal Husted



**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. Pneumatic Tire Forklift**

**Standard Equipment:**

- Single Speed Powershift Transmission
- Force-Cooled Wet Disc Brakes
- Automatically-Applied Parking Brake
- Two Overhead Guard Mounted Led Headlights
- Power Steering
- Tilt Steering Wheel
- Rear Grab Handle with Horn Button
- Steering Wheel Spinner Knob
- Drink Holder
- Convenience Console
- Speed Limiter
- Traction Disable Seat Switch
- Operator Presence System

- Raised Air Intake
- Aluminum Open-Core Radiator and High Capacity Cooling System
- 5" Color LCD Digital Full Featured Instrument Display with Digital and Audible Warnings of Engine Functions
- Automatic Engine Shutdown System
- Low Fuel Warning
- Automotive Style Fuse Box
- Draw Bar Pin
- Standard Warranty is 1 Year / 2,000 Hours on Basic Truck, 3 Years / 6, 000 Hours on Major Components (See Owner Protection Warranty Certificate for complete details)

**Engine**  
**Upright Height**  
**Carriage**

FORD 2.5L LPG - Balanced, Multi-port LPG Fuel Injection  
Triple Stage MFH 189" OHL 85.2" FL 37.2"  
41" Wide Hook Type Class II

**Continue to page 2**

**Sideshifter**

41" Class II with 8" Total Sideshift

**JEFFERDS CORPORATION**

*Monty R. Barnett*

**Accepted:** \_\_\_\_\_  
CUSTOMER NAME

\_\_\_\_\_  
SALESMAN

\_\_\_\_\_  
ADDRESS

**By** \_\_\_\_\_

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.

<b>Load Backrest</b>	48" High
<b>Forks</b>	42" x 4" x 1.75" Class II
<b>Mast Tilt</b>	5° Back / 6° Forward
<b>Hose Adaptations</b>	Single - 2 Hoses (Internal)
<b>Auxiliary Control Valve</b>	Fingertip Controls - 3 Spool Valve
<b>Drive Tires</b>	Pneumatic 7.00 x 12 - 14 ply
<b>Steer Tires</b>	Pneumatic 6.00 x 9 - 10 ply
<b>Overhead Guard</b>	Standard Height
<b>Seat</b>	Safety Seat - Full Suspension Vinyl
<b>Seat Belt</b>	Orange Seat Belt
<b>Front Work Lights</b>	LED Headlights (OHG Mounted)
<b>Rear Work Light</b>	LED Rear Work Lights
<b>Combination Lights</b>	LED Rear Combination Light (Brake, Tail, and Back-up)
<b>Speed Limiter</b>	Maximum Travel Speed
<b>Warning Light</b>	LED Strobe Light (Yellow)
<b>Pedestrian Warning Light</b>	LED Rear Blue Safety Light (Reverse Only)
<b>Travel Alarm</b>	Audible Back-Up Alarm
<b>Paint</b>	Clark Green
<b>Warranty</b>	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 PER UNIT.....\$ 30,705.00**

**FOB : Delivered**

**TERMS: NET 10 DAYS**

**THIS PROPOSAL DOES NOT INCLUDE APPLICABLE SALES TAX**



[www.jeffers.com](http://www.jeffers.com)

**Saint Albans**

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

**Huntington**

1025 10<sup>th</sup> St. West  
Huntington, WV  
800-735-8111

**Parkersburg**

514 29<sup>th</sup> Street  
Parkersburg, WV 26101  
304-422-6491  
800-511-5160

**Clarksburg**

Stonewood Ind. Park  
409 Water Street  
Stonewood, WV 26301  
304-623-6541  
800-300-4020

# 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 ARE NO IMPLIED WARRANTIES 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