

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

| Section   | Description         | Make and Model | Unit of Measure | Estimated Quantity | Unit Price  | Extended Cost      |
|---|---------------------|----------------|-----------------|--------------------|-------------|--------------------|
| 3.1.1   | Four-Wheel Forklift | Yale GP040VX   | Each            | 3                  | \$27,046.63 | \$81,139.89        |
| <b>TOTAL BID AMOUNT (INCLUDES SHIPPING CHARGES)</b> |                     |                |                 |                    |             | <b>\$81,139.89</b> |

Burns Industrial Equipment  
156 Mesa Drive  
St. Albans, WV 25177  
304-755-9333

01/12/17 09:49:46  
WV Purchasing Division



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

**State of West Virginia**  
**Request for Quotation**  
**13 -- Equipment**

Proc Folder: 265228

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


Proc Type: Central Master Agreement

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

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

**VENDOR**  
 Vendor Name, Address and Telephone Number:  
  
 Burns Industrial Equipment  
 156 Mesa Drive  
 St. Albans, WV 25177  
 304-755-9333

**FOR INFORMATION CONTACT THE BUYER**  
 Brittany E Ingraham  
 (304) 558-2157  
 brittany.e.ingraham@wv.gov

Signature X  FEIN # 25-1232696 DATE January 10, 2017  
 All offers subject to all terms and conditions contained in this solicitation

**ADDITIONAL INFORMATION**

**Addendum**

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

\*\*\*\*\*

**Request for Quotation**

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

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

| Line | Comm Ln Desc | Qty     | Unit Issue | Unit Price  | Total Price |
|------|--------------|---------|------------|-------------|-------------|
| 1    | Forklifts    | 3.00000 | EA         | \$27,046.63 | \$81,139.89 |

| Comm Code | Manufacturer | Specification                | Model # |
|-----------|--------------|------------------------------|---------|
| 24101603  | YALE         | Pneumatic Tired LPG Forklift | GP040VX |

**Extended Description :**

Open-end contract to purchase forklift loaders for Wildlife Resources

|               |                                |   |               |
|---------------|--------------------------------|---|---------------|
| DNR1700000034 | <b>Document Phase</b><br>Draft | <b>Document Description</b><br>Wildlife-Open-End Contract for Forklift<br>Loaders | <b>Page 3</b> |
|---------------|--------------------------------|---|---------------|

**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

**MANDATE:** Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

**EXCEPTION:** The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**DEFINITIONS:**

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

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

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

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

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: Burns Industrial Equipment

Authorized Signature: *Carlyle Burn* Date: Jan 10, 2017

State of Pennsylvania

County of Butler, to-wit:

Taken, subscribed, and sworn to before me this 10<sup>th</sup> day of January, 2017.

My Commission expires July 13, 2020.

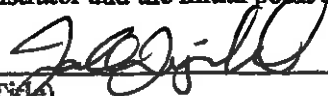
AFFIX SEAL HERE

COMMONWEALTH OF PENNSYLVANIA  
NOTARIAL SEAL  
Thomas M. Joos Jr., Notary Public  
Plum Boro, Allegheny County  
My Commission Expires July 13, 2020  
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

NOTARY PUBLIC

*Thomas M. Joos Jr.*

**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.

  
 \_\_\_\_\_  
 (Name, Title)  
 Todd Lipford, Operations Manager  
 \_\_\_\_\_  
 (Printed Name and Title)  
 156 Mesa Drive, St. Albans, WV 25177  
 \_\_\_\_\_  
 (Address)  
 \* 304-755-9333, 304-755-9326  
 \_\_\_\_\_  
 (Phone Number) / (Fax Number)  
 tlipford@burnslift.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.

\_\_\_\_\_ Burns Industrial Equipment  
(Company)

  
 \_\_\_\_\_  
 (Authorized Signature) (Representative Name, Title)

\_\_\_\_\_ Christopher Burns, President  
(Printed Name and Title of Authorized Representative)

\_\_\_\_\_ January 10, 2017  
(Date)

\_\_\_\_\_ 412-856-9253, 412-372-2941  
(Phone Number) (Fax Number)

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.:** \_\_\_\_\_

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

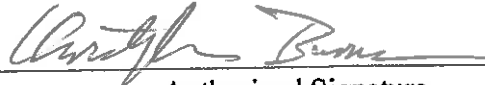
**Acknowledgment:** I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

**Addendum Numbers Received:**

(Check the box next to each addendum received)

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

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Burns Industrial Equipment  
 Company  
  
 Authorized Signature  
Jan 10, 2017  
 Date

**NOTE:** This addendum acknowledgement should be submitted with the bid to expedite document processing.  
Revised 6/8/2012

## Request for Taxpayer Identification Number and Certification

Give form to the  
 requester. Do not  
 send to the IRS.

Print or type  
 See Specific Instructions on page 2.

|  |   |
|--|---|
| Name (as shown on your income tax return)<br><div style="background-color: black; width: 100%; height: 15px;"></div>   |   |
| Business name, if different from above<br><div style="background-color: black; width: 100%; height: 15px;"></div>  |   |
| Check appropriate box: <input type="checkbox"/> Individual/Sole proprietor <input type="checkbox"/> Corporation <input type="checkbox"/> Partnership<br><input type="checkbox"/> Limited liability company. Enter the tax classification (D=disregarded entity, C=corporation, P=partnership) ▶ ..... <input type="checkbox"/> Exempt payee<br><input type="checkbox"/> Other (see instructions) ▶ |   |
| Address (number, street, and apt. or suite no.)<br><div style="background-color: black; width: 100%; height: 15px;"></div>   | Requester's name and address (optional) |
| City, state, and ZIP code<br><div style="background-color: black; width: 100%; height: 15px;"></div>   |   |
| List account number(s) here (optional)   |   |

### Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

**Note.** If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

|   |
|---|
| Social security number<br><div style="background-color: black; width: 100%; height: 15px;"></div>         |
| or  |
| Employer identification number<br><div style="background-color: black; width: 100%; height: 15px;"></div> |

### Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. citizen or other U.S. person (defined below).

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. See the instructions on page 4.

|           |   |   |
|-----------|---|---|
| Sign Here | Signature of U.S. person ▶<br><div style="background-color: black; width: 100%; height: 15px;"></div> | Date ▶<br><div style="background-color: black; width: 100%; height: 15px;"></div> |
|-----------|---|---|

### General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

#### Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

**Note.** If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

**Definition of a U.S. person.** For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

**Special rules for partnerships.** Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:

- The U.S. owner of a disregarded entity and not the entity,





EXCEPTIONS  
TO  
BID SOLICITATION NO.  
CRFQ 0310 DNR1700000034

3.1.1.11 Operator's Station:

3.1.1.11.2: No Shoulder Harness available. Trucks are equipped with retractable  
Seat belt only



**Model: GP040VX**

**Proposal To:  
Mr. Brittany Ingraham**

**West Virginia Dept. of Admin.**

## Investment Proposal

We propose to furnish the equipment described herein and in accordance with the specifications, terms, and conditions outlined hereinafter:

**Customer:**

West Virginia Dept. of Admin.  
2019 Washington St. E  
Charleston, WV -25305  
Ph No: 304-558-2157

**SHIP TO:**

West Virginia Dept. of Admin.  
2019 Washington St. E  
Charleston, WV -25305

**Quote To:**

Mr. Brittany Ingraham

Quote No: 91-49965191  
Series: D875  
Model: GP040VX  
Quantity: 3  
Date: 10 Jan 2017  
Expires: 03 Mar 2017


**Highlights**

Yale Veracitor Pneumatic Tire Forklift Model GP040VX: Nominal 4000 lb capacity at 24" load center. Veracitor trucks feature Industrial Grade Critical Components that maximize productive value and economic life of the lift truck. Rugged powertrains and cooling systems are designed specifically for tough lift truck applications. Highly reliable electrical systems provide sophisticated control of truck functionality leading to outstanding efficiency. Robust hydraulic systems and heavy duty masts provide excellent load moving capability. Truck frames provide optimal strength and rigidity, including maximum protection to internal components. Standard Equipment includes: Continuous Stability Enhancement System, Integrated Dashboard Display, Operator Restraint System, Operator Presence System (OPS), Low Fuel Indicator, Infinitely Adjustable Steering Column and Floor mat.

**POWERTRAIN:** PSI 2.4L LPG EPA Emissions Certified Engine with Electronic Fuel Injection. Provides outstanding fuel economy and performance in a heavy-duty industrial grade design. Features three (3) individual performance modes to optimize productivity and fuel economy. Powershift 1-speed Transmission features Electronic Inching improving operating costs by eliminating inching adjustments, and Industrial Grade clutch packs, gears, shafts and drive train components for exceptional durability. Self Energizing Drum brakes provide excellent stopping power with minimal brake pedal effort.

**MAST:** 3 Stage Full Free Lift. 194" Max Fork Ht / 86" Lowered / 62" Free Lift / 243" Ext Ht. (4950mm / 2170mm / 1590mm / 6170mm).

**CARRIAGE:** 42" (1070mm) Class II Hook Integral Sideshifter

**FORKS:** 42" Long Class II Hook Type (1.6"x3.9") Standard Taper, 1067mm Long, (40mm x 100mm).

**LOAD BACKREST EXTENSION:** 48" High x 42" Wide

**MAST TILT:** 6 Degrees Forward / 6 Degrees Back

## Highlights

**HYDRAULIC CONTROLS:** 3 FUNCTION Cowl Mounted Levers

**HYDRAULIC CONTROL:** Arranged to support Non-Clamping Attachments

**PRODUCTIVITY - WITHOUT RTS**

**HOSE GROUP:** 1 Aux Function - Internal Mounted

**LPG TANK BRACKET:** Swing Out LPG Tank Bracket

**FUEL SENSOR:** Pressure Based LPG Fuel Sensor. Provides notice of a low LPG fuel level with a visual warning on the dash display.

**UL APPROVAL:** TYPE LP, GAS OR DIESEL

**RADIATOR:** Anti-clog. Provides enhanced cooling capacity with a clog resistant core design

**EXHAUST:** Counterweight Rear Exhaust

**TREAD WIDTH:** Narrow Tread

**DRIVE TIRES:** Drive Tires - Pneumatic 7.00 x 12-14

**STEER TIRES:** Pneumatic 6.00 x 9-12

**OVERHEAD GUARD:** Tall

**STEERING WHEEL:** Steering Wheel with Wheel Spinner Knob

**ENGINE START:** Key switch Start

**DIRECTIONAL CONTROL:** Directional Lever mounted on the left side of the steering column.

**SEAT:** Non Suspension Vinyl, includes Operator Restraint with No-Cinch Seatbelt

**SEAT ACCESSORY:** High-Visibility (Red) Seat Belt with No-Cinch ELR (Emergency Locking Retractor) Mechanism. Seat belt locks only when necessary. Allows seat belt to move with operator and improves operator comfort, especially when driving in reverse. Highly visible red fabric helps identify when operators are wearing the seat belt properly. Interlock feature prevents the engine from being started until the the belt is in the latched position. If the seat belt is unfastened while the truck is traveling, the truck will shift to neutral and coast to a stop. Travel will not resume unless the belt is refastened and direction control is shifted into neutral, then back into gear.

**INCHING CONTROL:** Single Inch/Brake Pedal

**AIR INTAKE:** High Air Intake

**AUDIBLE ALARM:** Reverse direction activated. Self-adjusting between 82-102 dB(A).

**VISIBLE ALARM:** Amber LED Strobe Light, keyswitch activated, OHG Mounted - does not increase truck height (Low Mount).

**LIGHTS:** Dual Front Headlights/Dual Brake, Tail & Back-up Lights Single Rear Work Light - Halogen

**Highlights**

**MONITORING SYSTEM:** System Monitoring provides superb control over truck functionality and systems enabling maximum system efficiency for excellent durability and serviceability.

**HOOD:** Non-Vented Hood

**ACCESSORIES:** Rear Drive Handle with Horn Button. Mounted on right rear OHG leg. Improves driver comfort in reverse travel.

Two Front and Two Rear Turn Signals -- Requires standard price book light group with brake/tail/back-up lights and drive lights on order.

**LITERATURE:** (Decals, Marking and Operator Manual): English

**ACCESSORIES:** LPG Tank - 33.5 lb. Steel with Aux. Fill Valve

**ACCESSORIES:** Mirrors - Dual Sideview (LH & RH OHG mounted)

4th grab handle

Local prep & freight

**EXCEPTION:** 3-Point Seat Belt Not Available; truck is quoted with lap-belt only

**Investment/Proposal Price Information**

|                            | <u>Price Each</u>  | <u>Extended</u>    |
|----------------------------|--------------------|--------------------|
| <b>Total Selling Price</b> | <b>\$27,046.63</b> | <b>\$81,139.89</b> |
| Terms: Net 10 Days         |                    |                    |
| F.O.B.: Delivered          |                    |                    |

**Warranty**

**WARRANTY:** 12 Months/2,000 Hours Manufacturer's Warranty 36 Months/6,000 Hours Manufacturer's Powertrain Warranty

**Statement of Quality**

Yale Materials Handling Corporation is an ISO 9002 Certified Manufacturing Company. Additionally, \nall Yale products are rated by Underwriters Laboratories UL to guarantee our customers the highest \nquality material handling equipment manufactured in the world.

No Applicable Taxes Included. This quote is valid for 30 days.

Proposal By : Todd Lipford

Accepted By : Brittany Ingraham

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*Todd Clifford / sap*

Operations / Sales Manager \_\_\_\_\_

Customer Representative \_\_\_\_\_

Date \_\_\_\_\_

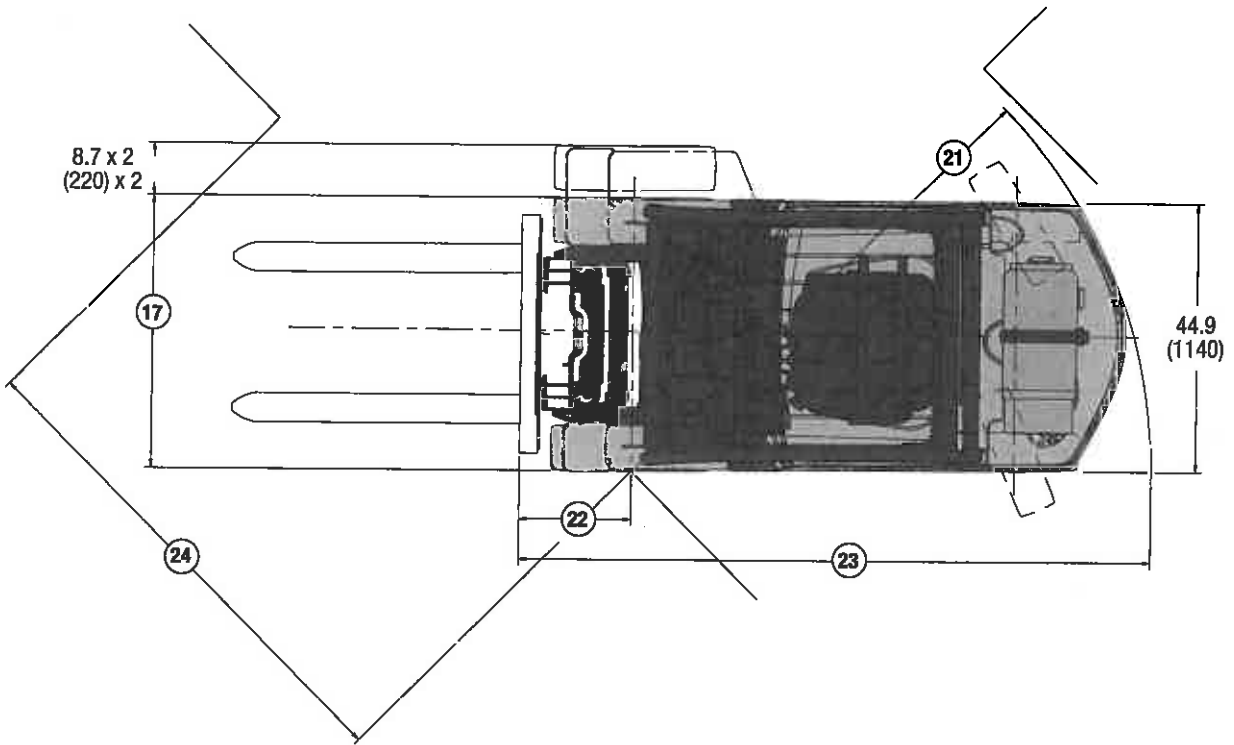
Date \_\_\_\_\_

# GP-VX

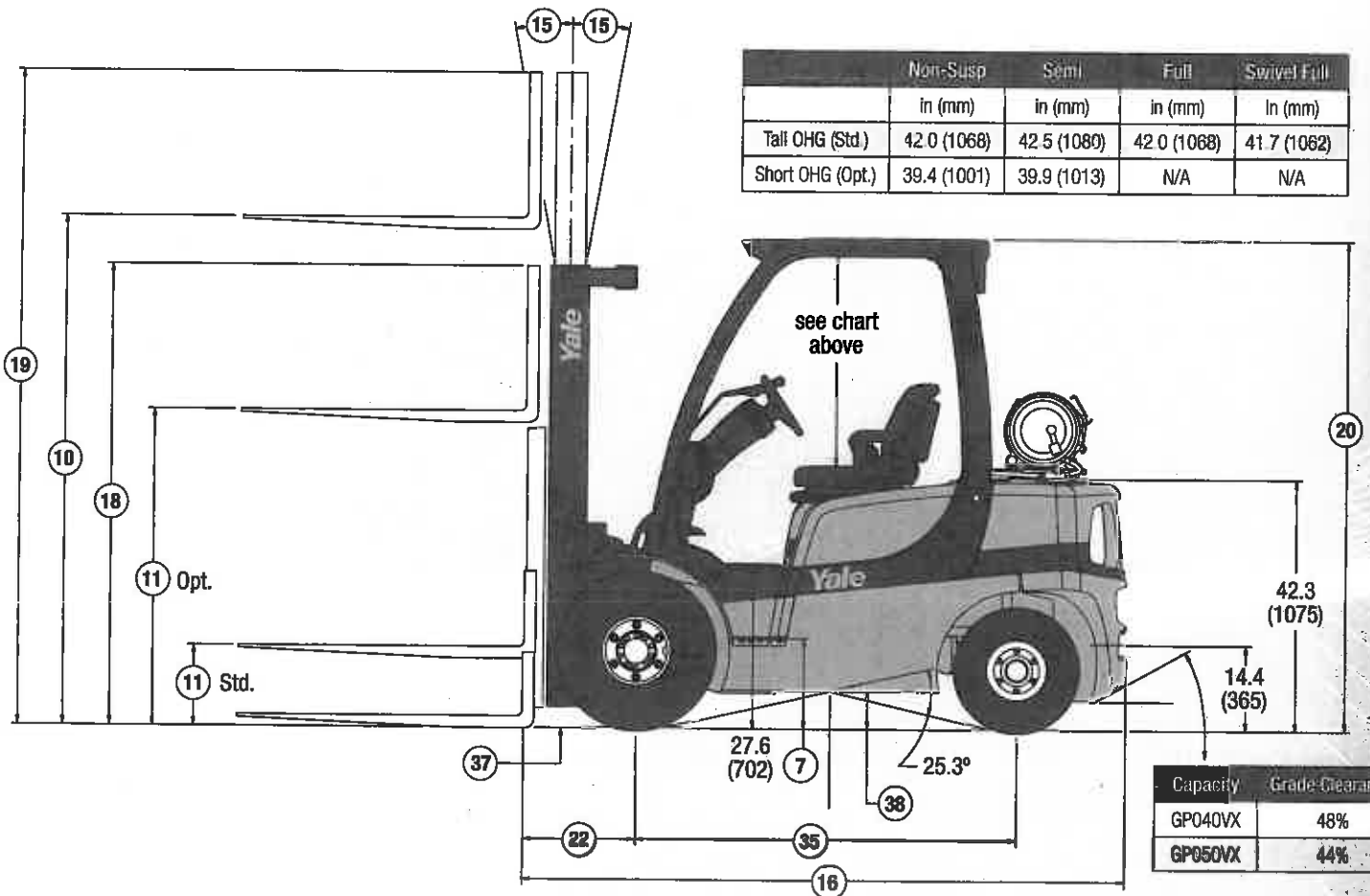
Veracitor® pneumatic tire trucks

4,000–5,000 lbs.





|                  | Non-Susp    | Semi        | Full        | Swivel Full |
|------------------|-------------|-------------|-------------|-------------|
|                  | in (mm)     | in (mm)     | in (mm)     | in (mm)     |
| Tail OHG (Std.)  | 42.0 (1068) | 42.5 (1080) | 42.0 (1068) | 41.7 (1062) |
| Short OHG (Opt.) | 39.4 (1001) | 39.9 (1013) | N/A         | N/A         |



| Capacity | Grade Clearance |
|----------|-----------------|
| GP040VX  | 48%             |
| GP050VX  | 44%             |



**GP040-050VX MAST DIMENSIONS**

| Maximum Fork Height (TOF) †                          | Overall Lowered Height | Overall Extended Height |             | Free Lift (TOF) |             | Approximate Total Weight of Standard Equipped Truck |             |
|--|------------------------|-------------------------|-------------|-----------------|-------------|---|-------------|
|  |                        | with LBR                | without LBR | with LBR        | without LBR | GP040VX   | GP050VX     |
| in (mm)  | in (mm)                | in (mm)                 | in (mm)     | in (mm)         | in (mm)     | lbs (kg)  | lbs (kg)    |
| <b>2-STAGE LIMITED FREE LIFT (LFL) Hi-Vis™2 MAST</b> |                        |                         |             |                 |             |   |             |
| 129 (3292)   | 86 (2170)              | 178 (4515)              | 123 (3100)  | 5 (140)         | 5 (140)     | 7654 (3472)   | 8399 (3810) |
| <b>2-STAGE FULL FREE LIFT (FFL) Hi-Vis™ MAST</b>     |                        |                         |             |                 |             |   |             |
| 130 (3302)   | 86 (2170)              | 179 (4525)              | 154 (3910)  | 37 (950)        | 61 (1565)   | 7692 (3489)   | 8437 (3827) |
| <b>3-STAGE FULL FREE LIFT (FFL) Hi-Vis™2 MAST</b>    |                        |                         |             |                 |             |   |             |
| 171 (4350)   | 78 (1970)              | 220 (5570)              | 195 (4935)  | 29 (750)        | 54 (1390)   | 7934 (3599)   | 8679 (3937) |
| 189 (4800)   | 84 (2120)              | 237 (6020)              | 213 (5385)  | 35 (900)        | 60 (1540)   | 8012 (3634)   | 8757 (3972) |
| 194 (4950)   | 86 (2170)              | 243 (6170)              | 218 (5535)  | 37 (950)        | 62 (1590)   | 8037 (3645)   | 8782 (3983) |
| 200 (5100)   | 90 (2270)              | 249 (6320)              | 224 (5685)  | 41 (1050)       | 66 (1690)   | 8083 (3666)   | 8828 (4004) |
| 218 (5550)   | 96 (2420)              | 267 (6770)              | 242 (6135)  | 47 (1200)       | 72 (1840)   | 8165 (3704)   | 8910 (4042) |

† Lift heights over 171.5" (4356 mm) maximum fork height are considered highlifts and require reduced capacity and restricted back tilt. Total approximate weights listed include mast, standard carriage, load backrest (LBR) and 70 lbs. LPG tank and tank bracket.



|                |   |  |   |                       |                          |                       |                       |
|----------------|---|--|---|-----------------------|--------------------------|-----------------------|-----------------------|
| GENERAL        | 1   | Manufacturer Name  | Yale  |                       |                          |                       |                       |
|                | 2   | Model  | GP040VX                                     |                       |                          |                       |                       |
|                | 3   | Engine   | PSI 2.4L                                    | Kubota 2.5L           | Kubota 2.4L Tier 4 Final |                       |                       |
|                | 4   | Rated Capacity   | lb (kg)                                     | 4000 (1814)           |                          |                       |                       |
|                | 5   | Load Center, Distance  | in (mm)                                     | 24.0 (610)            |                          |                       |                       |
|                | 6   | Power Type - LPG, Diesel, Dual Fuel                          | LPG   | Dual Fuel             | LPG                      | Diesel                |                       |
|                | 7   | Operator Type  | Sit-Down Rider                              |                       |                          |                       |                       |
|                | 8   | Step Height  | in (mm)                                     | 15.0 (382)            |                          |                       |                       |
|                | 9   | Tire Type - Cushion, Solid, Pneumatic                        | Pneumatic                                   |                       |                          |                       |                       |
| DIMENSIONS     | 10  | Wheels, Number - Front/ Rear                                 | 2x/2  |                       |                          |                       |                       |
|                | 11  | Lift Height, Top of Fork (TOF)                               | in (mm)                                     | 129 (3292)            |                          |                       |                       |
|                | 12  | Lift Heights, Standard Limited Free Lift (LFL) w/o LBR (TOF) | in (mm)                                     | 5 (140)               |                          |                       |                       |
|                | 13  | Lift Heights, Optional Full Free Lift (FFL) w/o LBR (TOF)    | in (mm)                                     | 61 (1565)             |                          |                       |                       |
|                | 14  | Standard Carriage Width                                      | in (mm)                                     | 42.0 (1067)           |                          |                       |                       |
|                | 15  | Forks, Thickness x Width x Length                            | in  | 1 6 X 3.9 X 42        |                          |                       |                       |
|                | 16  | Forks, Thickness x Width x Length                            | (mm)  | (40 X 100 X 1067)     |                          |                       |                       |
|                | 17  | Fork Spread, Outside Dimensions                              | in (mm)                                     | 43.3 (1099)           |                          |                       |                       |
|                | 18  | Mast Tilt Angles, Forward/Backward                           | degrees                                     | 6F/10B                |                          |                       |                       |
|                | 19  | Length To Face of Forks                                      | in (mm)                                     | 98.0 (2486)           |                          |                       |                       |
|                | 20  | Overall Width, Standard Tread                                | in (mm)                                     | 45.6 (1157)           |                          |                       |                       |
|                | 21  | Overall Width, Wide Tread                                    | in (mm)                                     | 51.9 (1317)           |                          |                       |                       |
|                | 22  | Height, Standard Mast - Lowered                              | in (mm)                                     | 86.0 (2170)           |                          |                       |                       |
|                | 23  | Height, Standard Mast - Extended with LBR                    | in (mm)                                     | 147 (3715)            |                          |                       |                       |
|                | 24  | Height, Standard Mast - Extended without LBR                 | in (mm)                                     | 123 (3100)            |                          |                       |                       |
|                | 25  | Height, Standard Overhead Guard                              | in (mm)                                     | 85.0 (2160)           |                          |                       |                       |
|                | 26  | Height, Optional Overhead Guard                              | in (mm)                                     | 82.4 (2093)           |                          |                       |                       |
|                | 27  | Turning Radius, Minimum Outside (OTR)                        | in (mm)                                     | 84.6 (2149)           |                          |                       |                       |
|                | 28  | Length, Center of Wheel to Face of Forks                     | in (mm)                                     | 18.5 (470)            |                          |                       |                       |
|                | 29  | Aisle Width, Right Angle Stack (Add Length of Load)          | in (mm)                                     | 103.1 (2619)          |                          |                       |                       |
|                | 30  | Equal Aisle, 90-Degree Intersecting Aisle                    | in (mm)                                     | 79.5 (1987)           |                          |                       |                       |
|                | PERFORMANCE   | 31   | Travel Speed, Powershift Transmission RL/NL | mph (km/h)            | 11.5/11.8 (18.5/19.0)    | 10.4/10.6 (16.7/17.0) | 11.2/11.3 (18.0/18.2) |
|                |   | 32   | Lift Speed, Standard 2-Stage LFL RL/NL      | ft/min (m/s)          | 120/124 (.61/.63)        | 122/126 (.62/.64)     | 122/126 (.62/.64)     |
|                |   | 33   | Lift Speed, Optional 2-Stage FFL RL/NL      | ft/min (m/s)          | 106/110 (.54/.56)        | 106/112 (.54/.57)     | 106/112 (.54/.57)     |
| 34             |   | Lift Speed, Optional 3-Stage FFL RL/NL                       | ft/min (m/s)                                | 112/116 (.57/.59)     | 114/120 (.58/.61)        | 114/120 (.58/.61)     |                       |
| 35             |   | Lowering Speed, Standard 2-Stage LFL RL/NL                   | ft/min (m/s)                                | 114/98 (.58/.50)      |                          |                       |                       |
| 36             |   | Lowering Speed, Optional 2-Stage FFL RL/NL                   | ft/min (m/s)                                | 98/83 (.50/.42)       |                          |                       |                       |
| 37             |   | Lowering Speed, Optional 3-Stage FFL RL/NL                   | ft/min (m/s)                                | 106/93 (.54/.47)      |                          |                       |                       |
| 38             |   | Maximum drawbar pull RL/NL                                   | lb (kg)                                     | 4980/2315 (2259/1050) | 5018/2315 (2276/1050)    | 5180/2315 (2350/1050) |                       |
| 39             |   | Drawbar Pull, Standard Transmission @ 1 mph RL/NL            | lb (kg)                                     | 4215/2315 (1912/1050) | 4297/2315 (1949/1050)    | 4760/2315 (2160/1050) |                       |
| WT.            | 40  | Gradeability, Standard Transmission @ 1 mph RL/NL            | Percent %                                   | 37/32                 | 38/32                    | 42/32                 |                       |
|                | 41  | Weight, Standard Truck (2-Std. LFL) NL                       | lb (kg)                                     | 7654 (3472)           |                          |                       |                       |
|                | 42  | Weight, Standard Truck (2-Std. LFL) RL                       | lb (kg)                                     | 11655 (5286)          |                          |                       |                       |
|                | 43  | Axle Loading, Static Front/Rear NL                           | lb (kg)                                     | 3929/3725 (1782/1690) |                          |                       |                       |
| TIRES & WHEELS | 44  | Axle Loading, Static Front/Rear RL                           | lb (kg)                                     | 10593/1062 (4805/482) |                          |                       |                       |
|                | 45  | Tire Size, Front   | 7.00 x 12 - 12                              |                       |                          |                       |                       |
|                | 46  | Tire Size, Rear  | 6.00 x 9                                    |                       |                          |                       |                       |
|                | 47  | Wheelbase  | in (mm)                                     | 63.9 (1623)           |                          |                       |                       |
|                | 48  | Ground Clearance, Lowest Point NL (w/RL subtract 6mm)        | in (mm)                                     | 5.2 (132)             |                          |                       |                       |
|                | 49  | Ground Clearance, Center of Wheelbase NL                     | in (mm)                                     | 6.3 (160)             |                          |                       |                       |
|                | 50  | Service Brake - Method of Control/Operation                  | Foot/Hydraulic                              |                       |                          |                       |                       |
| POWERTRAIN     | 51  | Parking Brake - Method of Control/Operation                  | Hand/Mechanical                             |                       |                          |                       |                       |
|                | 52  | Battery Type   | Maintenance Free                            |                       |                          |                       |                       |
|                | 53  | Volts/Cold Cranking Amps                                     | vcca  | 12/475                |                          | 12/770                |                       |
|                | 54  | Engine, Manufacturer/Model                                   | PSI 2.4L                                    | Kubota 2.5L           | Kubota 2.4L              |                       |                       |
|                | 55  | Permanent Output   | hp (kw)                                     | 59 (44)               | 59 (44)                  | 57 (43)               |                       |
|                | 56  | Torque @ Rated RPM   | ft Lbs (kg/m)                               | 121 (16.7) @ 2000 RPM | 131 (18) @ 1000 RPM      | 146 (20) @ 1500 RPM   |                       |
|                | 57  | Number of Cylinders/Displacement                             | No/cc (ci)                                  | 4/2351 (143)          | 4/2491 (152)             | 4/2434 (149)          |                       |
|                | 58  | Transmission Type, Standard                                  | Electronic Powershift                       |                       |                          |                       |                       |
|                | 59  | Standard Speeds, Forward - Reverse                           | 1-1   |                       |                          |                       |                       |
|                | 60  | Hydraulic Tank Capacity (Drain and Refill)                   | gal (liter)                                 | 12.1 (45.8)           |                          |                       |                       |
|                | 61  | Fuel Tank Capacity (Gas & Diesel Powered Units Only)         | gal (liter)                                 | 13.9 (52.8)           |                          |                       |                       |
| 62             | Auxiliary Hydraulic Pressure Relief for Attachments | PSI (Mpa)  | 2250 (15.5)                                 |                       |                          |                       |                       |

|                |             |  |   |                       |                       |                          |                       |
|----------------|-------------|--|---|-----------------------|-----------------------|--------------------------|-----------------------|
| GENERAL        | 1           | Manufacturer Name  |   | Yale                  |                       |                          |                       |
|                | 2           | Model  |   | GP050VX               |                       |                          |                       |
|                | 3           | Engine   |   | PSI 2.4L              | Kubota 2.5L           | Kubota 2.4L Tier 4 Final |                       |
|                | 4           | Rated Capacity   | lb (kg)                                     | 5000 (2268)           |                       |                          |                       |
|                | 5           | Load Center, Distance  | in (mm)                                     | 24.0 (610)            |                       |                          |                       |
|                | 6           | Power Type - LPG, Diesel, Dual Fuel                          |   | LPG                   | Dual Fuel             | LPG Diesel               |                       |
|                | 7           | Operator Type  |   | Sit-Down Rider        |                       |                          |                       |
|                | 8           | Step Height  | in (mm)                                     | 15.0 (382)            |                       |                          |                       |
|                | 9           | Tire Type - Cushion, Solid, Pneumatic                        |   | Pneumatic             |                       |                          |                       |
|                | 10          | Wheels, Number - Front/ Rear                                 |   | 2x/2                  |                       |                          |                       |
| DIMENSIONS     | 11          | Lift Height, Top of Fork (TOF)                               | in (mm)                                     | 129 (3292)            |                       |                          |                       |
|                | 12          | Lift Heights, Standard Limited Free Lift (LFL) w/o LBR (TOF) | in (mm)                                     | 5 (140)               |                       |                          |                       |
|                | 13          | Lift Heights, Optional Full Free Lift (FFL) w/o LBR (TOF)    | in (mm)                                     | 61 (1565)             |                       |                          |                       |
|                | 14          | Standard Carriage Width                                      | in (mm)                                     | 42 (1067)             |                       |                          |                       |
|                | 15          | Forks, Thickness x Width x Length                            | in (mm)                                     | 1.6 X 3.9 X 42        |                       |                          |                       |
|                | 16          | Forks, Thickness x Width x Length                            | (mm)  | (40 X 100 X 1067)     |                       |                          |                       |
|                | 17          | Fork Spread, Outside Dimensions                              | in (mm)                                     | 43.3 (1099)           |                       |                          |                       |
|                | 18          | Mast Tilt Angles, Forward/Backward                           | degrees                                     | 6F/6B                 |                       |                          |                       |
|                | 19          | Length To Face of Forks                                      | in (mm)                                     | 100.7 (2559)          |                       |                          |                       |
|                | 20          | Overall Width, Standard Tread                                | in (mm)                                     | 45.6 (1157)           |                       |                          |                       |
|                | 21          | Overall Width, Wide Tread                                    | in (mm)                                     | 51.9 (1317)           |                       |                          |                       |
|                | 22          | Height, Standard Mast - Lowered                              | in (mm)                                     | 86 (2170)             |                       |                          |                       |
|                | 23          | Height, Standard Mast - Extended with LBR                    | in (mm)                                     | 147 (3715)            |                       |                          |                       |
|                | 24          | Height, Standard Mast - Extended without LBR                 | in (mm)                                     | 123 (3100)            |                       |                          |                       |
|                | 25          | Height, Standard Overhead Guard                              | in (mm)                                     | 85.0 (2160)           |                       |                          |                       |
|                | 26          | Height, Optional Overhead Guard                              | in (mm)                                     | 82 (2093)             |                       |                          |                       |
|                | 27          | Turning Radius, Minimum Outside (OTR)                        | in (mm)                                     | 87.2 (2216)           |                       |                          |                       |
|                | 28          | Length, Center of Wheel to Face of Forks                     | in (mm)                                     | 18.5 (470)            |                       |                          |                       |
|                | 29          | Aisle Width, Right Angle Stack (Add Length of Load)          | in (mm)                                     | 105.7 (2686)          |                       |                          |                       |
|                | 30          | Equal Aisle, 90-Degree Intersecting Aisle                    | in (mm)                                     | 80.8 (2020)           |                       |                          |                       |
|                | PERFORMANCE | 31   | Travel Speed, Powershift Transmission RL/NL | mph (km/h)            | 11.5/11.8 (18.5/19.0) | 10.4/10.6 (16.7/17.0)    | 11.2/11.3 (18.0/18.2) |
|                |             | 32   | Lift Speed, Standard 2-Stage LFL RL/NL      | ft/min (m/s)          | 120/124 (61/63)       | 122/126 (62/64)          | 122/126 (62/64)       |
|                |             | 33   | Lift Speed, Optional 2-Stage FFL RL/NL      | ft/min (m/s)          | 106/110 (54/56)       | 108/112 (55/57)          | 106/112 (54/57)       |
|                |             | 34   | Lift Speed, Optional 3-Stage FFL RL/NL      | ft/min (m/s)          | 112/116 (57/59)       | 114/120 (58/61)          | 114/120 (58/61)       |
| 35             |             | Lowering Speed, Standard 2-Stage LFL RL/NL                   | ft/min (m/s)                                | 114/98 (58/50)        |                       |                          |                       |
| 36             |             | Lowering Speed, Optional 2-Stage FFL RL/NL                   | ft/min (m/s)                                | 98/83 (50/42)         |                       |                          |                       |
| 37             |             | Lowering Speed, Optional 3-Stage FFL RL/NL                   | ft/min (m/s)                                | 106/93 (54/47)        |                       |                          |                       |
| 38             |             | Maximum drawbar pull RL/NL                                   | lb (kg)                                     | 4952/2249 (2246/1020) | 4989/2249 (2263/1020) | 5150/2249 (2340/1020)    |                       |
| 39             |             | Drawbar Pull, Standard Transmission @ 1 mph RL/NL            | lb (kg)                                     | 4184/2249 (1898/1020) | 4268/2249 (1936/1020) | 4730/2249 (2150/1020)    |                       |
| 40             |             | Gradeability, Standard Transmission @ 1 mph RL/NL            | Percent %                                   | 32/28                 | 33/28                 | 36/28                    |                       |
| WT.            | 41          | Weight, Standard Truck (2-Std. LFL) NL                       | lb (kg)                                     | 8399 (3810)           |                       |                          |                       |
|                | 42          | Weight, Standard Truck (2-Std. LFL) RL                       | lb (kg)                                     | 13389 (6078)          |                       |                          |                       |
|                | 43          | Axle Loading, Static Front/Rear NL                           | lb (kg)                                     | 3776/4623 (1713/2097) |                       |                          |                       |
|                | 44          | Axle Loading, Static Front/Rear RL                           | lb (kg)                                     | 12105/1294 (5491/587) |                       |                          |                       |
|                | 45          | Tire Size, Front   |   | 7.00 x 12 - 12        |                       |                          |                       |
|                | 46          | Tire Size, Rear  |   | 6.00 x 9              |                       |                          |                       |
|                | 47          | Wheelbase  | in (mm)                                     | 63.9 (1623)           |                       |                          |                       |
|                | 48          | Ground Clearance, Lowest Point NL (w/RL subtract-6mm)        | in (mm)                                     | 5.2 (132)             |                       |                          |                       |
|                | 49          | Ground Clearance, Center of Wheelbase NL                     | in (mm)                                     | 6.3 (160)             |                       |                          |                       |
|                | 50          | Service Brake - Method of Control/Operation                  |   | Foot/Hydraulic        |                       |                          |                       |
| TIRES & WHEELS | 51          | Parking Brake - Method of Control/Operation                  |   | Hand/Mechanical       |                       |                          |                       |
|                | 52          | Battery Type   |   | Maintenance Free      |                       |                          |                       |
|                | 53          | Volts/Cold Cranking Amps                                     | wcca  | 12/475                |                       | 12/770                   |                       |
|                | 54          | Engine, Manufacturer/Model                                   |   | PSI 2.4L              | Kubota 2.5L           | Kubota 2.4L              |                       |
|                | 55          | Permanent Output   | hp (kw)                                     | 58 (44)               | 59 (44)               | 57 (43)                  |                       |
|                | 56          | Torque @ Rated RPM   | ft Lbs (kg/m)                               | 121 (16.7) @ 2000 RPM | 131 (18) @ 1800 RPM   | 146 (20) @ 1500 RPM      |                       |
|                | 57          | Number of Cylinders/Displacement                             | No/cc (ci)                                  | 4/2951 (143)          | 4/2491 (152)          | 4/2434 (149)             |                       |
|                | 58          | Transmission Type, Standard                                  |   | Electronic Powershift |                       |                          |                       |
|                | 59          | Standard Speeds, Forward - Reverse                           |   | 1-1                   |                       |                          |                       |
|                | 60          | Hydraulic Tank Capacity (Drain and Refill)                   | gal (liter)                                 | 12.1 (45.8)           |                       |                          |                       |
| POWERTRAIN     | 61          | Fuel Tank Capacity (Gas & Diesel Powered Units Only)         | gal (liter)                                 | 13.9 (52.3)           |                       |                          |                       |
|                | 62          | Auxiliary Hydraulic Pressure Relief for Attachments          | PSI (Mpa)                                   | 2260 (15.5)           |                       |                          |                       |

**Yale**<sup>®</sup>  
*People. Products. Productivity.™*

Sit-Down  
Counterbalanced IC  
Pneumatic Tire



**Veracitor**<sup>®</sup>  
**GP-VX**

4,000-7,000 lbs.

# A leader in materials handling

Yale offers so much more than a complete line of lift trucks. Yale has invested heavily in people, processes and capital equipment to encompass the cornerstones of quality and dependability... Innovative Design, Comprehensive Testing, Highest Quality, Advanced Components and Superior Manufacturing.

Veracity means adherence to the truth. From these origins comes the Veracitor® VX lift truck series. True to our customers. True to your application. And true to our promise of productivity. Each truck in the Veracitor® VX series of internal combustion engine lift trucks has been designed with component commonality for simplified operational maintenance, and customizable productivity packages for specific customer needs.



THE  
**GP-VX**  
VERACITOR®

# Highlights

## □ Ergonomics

- Rear driving comfort
- Low step height
- Accutouch mini-lever electro-hydraulic controls
- Swing-out LPG tank bracket

## □ Productivity

- Yale® Flex Performance Technology™
- Smooth electronic inching
- Electronic shift control
- Continuous Stability System

## □ Cost of operation

- Various powertrain configurations
- Intellix VSM
- Optional transmission with Auto Deceleration System
- Ease of service

## □ Dependability

- Rugged powertrain
- Sealed wire connectors
- Hall Effect sensors and switches
- Innovative cooling system

## □ Serviceability

- Rear-opening, one piece hood
- Clean hydraulic and electrical routings
- Easy access radiator
- Guaranteed parts availability



# Built to be operator friendly

Operator comfort is enhanced by the ample foot space in the well designed operator's compartment. The isolated powertrain reduces noise and vibration minimizing operator fatigue and increasing operator productivity throughout a shift. Excellent operator visibility is afforded through the Yale® Hi-Vis™ mast with a single free lift chain.

## □ An operator compartment that's designed for comfort

A low step height provides easy entry and exit. The standard, cowl-mounted manual hydraulic levers also allow easy access for right-side entry/exit. The overhead guard design also offers plenty of headroom and excellent visibility.

The Auto Deceleration System (standard on the Yale Techtronix 100 transmission) reduces brake pedal usage, and therefore reduces operator leg fatigue.

Rear driving comfort has been enhanced. The work environment is comfortable and secure. The 12-inch steering wheel and infinitely adjustable steer column accommodates operators of all sizes. The standard non-cinch seat belt increases operator comfort by providing sufficient operator rotation during normal driving conditions. This automotive-style seat belt features an internal mechanism that locks the seat belt if required.

## □ Electro-hydraulic controls

The optional Yale® Accutouch mini-lever electro-hydraulic control offers an excellent ergonomic design with shorter reach and throw and less effort required to operate versus mechanically controlled hydraulic levers. The fully adjustable swing-up armrest is contoured for maximum comfort and flexibility to minimize muscle and joint strain.





*Yale Veracitor® VX forklift design goals include easy entry and exit, superior driver comfort, and ease of operation. The ergonomically designed 12" steer wheel with spin knob and infinitely adjustable steer column are shown.*



*The optional swing-out, drop-down EZ-tank bracket is an added feature on the standard swing-out bracket. The LPG tank swings out and drops down approximately 60 degrees for virtually effortless removal and installation.*



*Optional high-visibility non-cinch seat belt with or without interlock*



*Optional Yale® Accutouch mini-lever electro-hydraulic control*



# Superior performance is built in

Various configurations are designed to meet and exceed your specific application requirements. The Yale Veracitor® VX series productivity cost savings are achieved through lower truck operating expenses, reduced labor costs, reduced operator overtime expense and additional savings with increased throughput.

## □ Continuous Stability System (CSS™)

The CSS™ reduces truck leans in turns, improving lateral stability, and the innovative steer axle mounting design allows for superior travel over uneven surfaces. Yale CSS™ is 100% maintenance free, with no controllers, no sensors and no extra wiring. It's a reliable system that lets operators feel confident when moving loads of all shapes and sizes.

## □ Yale® Flex Performance Technology™

The innovative Yale® Flex Performance Technology™ offers the flexibility to maximize fuel economy or productivity to match application needs. The GP040-070VX series features three modes that allow customers to tailor productivity levels to the demands of their application. This feature provides operators the ability to achieve a balance of enhanced performance and superior fuel economy, or to maximize productivity during peak business periods when moving more loads is integral to the success of your operation.



## □ Various truck configurations

The GP040-070VX series of trucks is available in several configurations, designed to meet and exceed your material handling application requirements. The Veracitor® lift truck can be configured for standard, medium and heavy duty applications with state-of-the-art features, enabling superior power for maximum performance. The choices of different configurations allow you to optimize the truck to handle diverse application demands with lowered acquisition cost, and boosting performance while still helping to reduce overall cost of operation.

The Yale Veracitor® VX series offers a variety of productivity options. Four engine selections consisting of the Kubota 2.5L LPG, PSI 2.4L LPG or Dual Fuel, and the Yanmar 2.6L or 3.3L Diesel engines offer multiple performance levels with reduced operating costs.

Two Yale transmission selections are available: the Standard Electronic Powershift and the Techtronix 100. Both transmissions feature smooth electronic inching, electronic shift, and neutral start/brake interlock. The Techtronix 100 transmission also maximizes controlled ramp descent limiting roll to three inches per second.



*Various truck configurations*



*Four engine and two transmission selections available (PSI 2.4L LPG shown)*



*Excellent operator comfort*

THE  
**GP-VX**  
VERACITOR®



*Intellix VSM, the smart vehicle system manager, maximizes driver efficiency by managing fast direction changes that reduce drive tire spin and tire wear.*

## Low cost of operation

The purchase price of a truck is only a small part of its overall cost. A lift truck's cost of ownership is the largest portion of dollars spent and includes such elements as periodic maintenance, unscheduled repairs, tires, brakes and fuel costs. The Yale® engineers focused on cost savings with additional engine and transmission options, world-class serviceability and exceptional dependability. The Veracitor® VX truck offers substantial operating cost savings over the competition.

### **Auto Deceleration System**

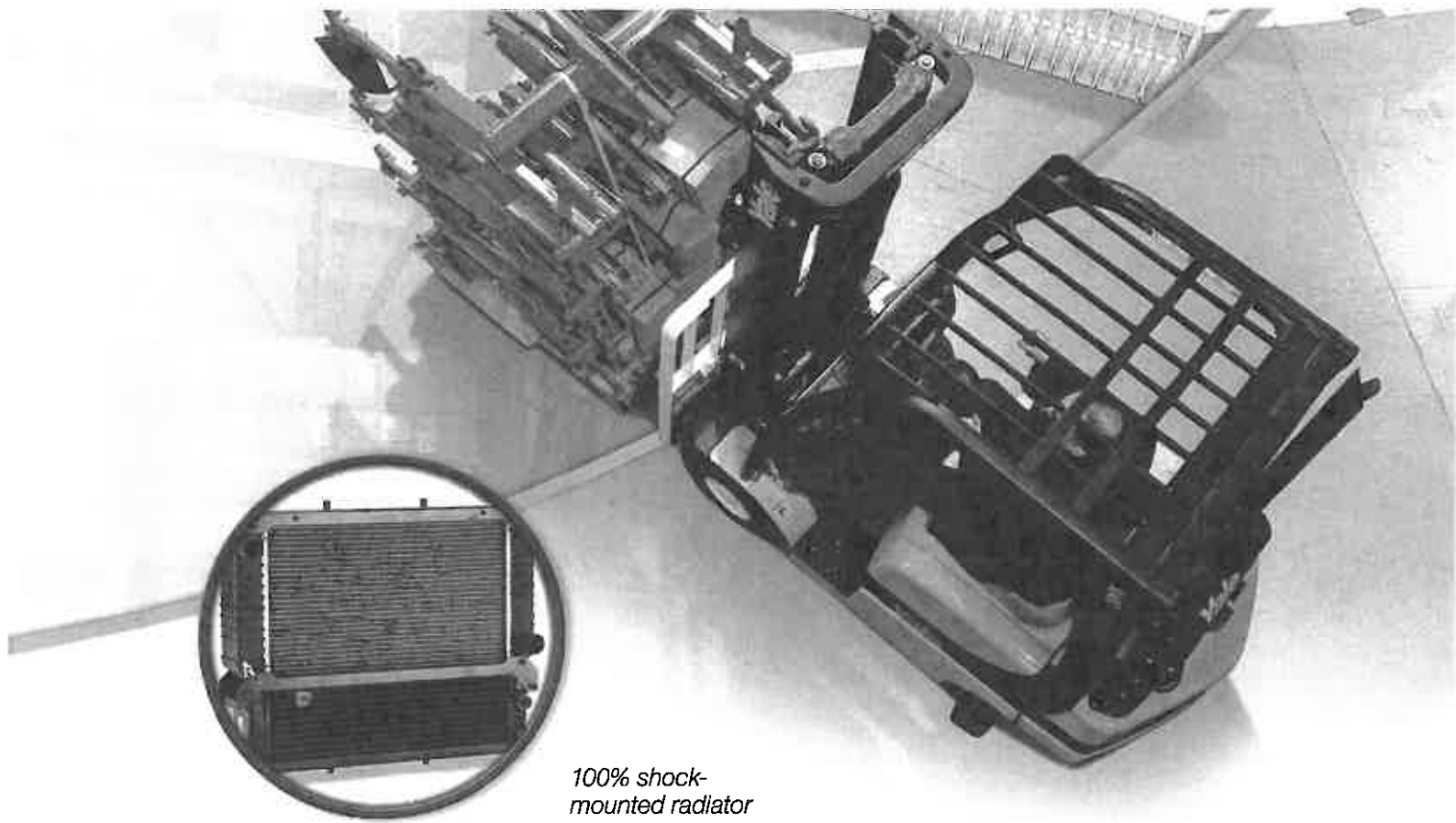
Brake life is significantly improved with the Auto Deceleration System, which is standard on the Techtronix 100 transmission. This system automatically slows the truck when the throttle pedal is released, minimizing brake usage and reducing associated brake wear costs.

### **Ease of Service**

The Yale Veracitor® VX truck series has improved serviceability, reducing the labor cost associated with periodic maintenance and unscheduled repairs. The easy to remove floor plate requires no tools to remove and offers complete access to the powertrain. Simplified daily checks and reduced service requirements lead to lower maintenance costs.

### **Selection of configurations**

World-class dependability of the Veracitor® VX series decreases truck operating costs through a selection of rugged powertrain configurations, radiator design upgrades, reliable electronics and exceptional hydraulics. The Techtronix 100 transmission offers improved tire and fuel costs through controlled power reversal. Yale's various engine options offer reduced operating costs. The industrial engines deliver outstanding fuel economy with outstanding performance.



*100% shock-mounted radiator*

## Dependability

Yale Veracitor® VX trucks are designed and manufactured to be among the most dependable trucks in the industry today. Dependability is designed throughout the Veracitor® VX series. Yale's rugged powertrain offers durability with computer-controlled engine and transmissions, robust clutch packs and stronger gears and shafts. An optional powertrain protection system and enhanced monitoring increases long term durability.

### **Innovative cooling system**

The innovative cooling system design on the Veracitor® VX trucks enables lower operating temperatures than competitive models. The system offers excellent airflow through optimized ducting and high volume tunnels allowing our trucks to run significantly cooler and longer. Radiators are 100% shock-mounted for long life.

### **Reliable electronics**

The Veracitor® VX series offers reliable electronics, including sealed connectors, allowing the entire truck to be pressure washed. Hall Effect sensors and switches in the key switch and direction lever have solid state components that are magnetically operated and are 100% sealed from the environment.

# Service made simple

Not only is the Veracitor® VX series designed to require less maintenance, it is also designed to be extremely easy to service. From the rear-opening, one-piece hood and on-board diagnostics, to reliable and comprehensive parts availability, these trucks were designed with service details in mind. The cowl-to-counterweight access makes servicing fast, easy and convenient, making the Veracitor® VX series the new standard in truck serviceability.

## ○ Reduced regular service requirements

Automatic electronic inching eliminates the need for periodic adjustment. The Auto Deceleration System feature on the Techtronix 100 transmission reduces brake usage, leading to decreased brake maintenance, brake lining replacement and increased tire life. The coil over plug ignition design eliminates spark plug wires and the need to periodically replace them. All these reductions in truck service reduce cost and add to your bottom line.

## ○ Uncluttered access

The Veracitor® VX truck has a rear-opening, one-piece hood. Coupled with the one-piece floor plate, it provides excellent cowl-to-counterweight access. Engine compartment daily checks are easily located for quick identification and access. The uncluttered layout under the hood offers clean hydraulic and electrical routings.

The radiator is easy to access. The coolant recovery bottle is easily visible to check coolant levels. A coolant fill neck is located for easy reach.

*Coil over plug  
ignition design*



## Intellix VSM

The Intellix VSM, vehicle systems manager, continuously monitors truck functions and immediately alerts the operator to service needs. Extensive on-board diagnostics on the Veracitor® VX trucks advanced dash display communicates service codes enabling quick and accurate repairs. PC-based diagnostics enable fast and accurate troubleshooting facilitating first-time fixes.



*Intellix VSM maximizes uptime by monitoring and protecting key truck functions.*

## Supporting customers with world-class parts and service

Our Guaranteed Availability Program (G.A.P.) ensures that parts that are normally required in the first 2 years of operation will be available from your Yale® parts dealer within 24 hours or they are free\*. With four Parts Distribution Centers strategically located around the world, we provide a full range of original equipment and aftermarket parts that helps maintain our customers' uptime.

We also take that commitment into the field with Yale's ProTech® Certification training program, available to our dealers' technicians. The ProTech® technical training program provides both systems level as well as product specific education to help ensure lift trucks are repaired right the first time.



*\*Consult your local dealer for G.A.P. program rules.*



## Application-matched performance

The Yale Veracitor® VX lift trucks are designed to meet and exceed your specific application requirements. Productivity cost savings are achieved through lower truck operating expenses, reduced labor costs, reduced operator overtime expense and additional savings with increased throughput. The combination of engine and transmission options allows you to configure a truck to your specific applications.

*(Source: NMHG Counterbalanced Development Center)*

### Paper application kit

The Paper Application Kit is recommended for any truck used in a paper application where substantial loose paper material is present. This configuration reduces the accumulation of paper debris in the engine compartment. The optional kit includes:

- Vented hood
- High-temperature hydraulic oil
- Exhaust wraps
- A radiator lint screen option is recommended
- Belly pan

## ☐ Integral Side Shifting Fork Positioner

The optional Integral Side Shifting Fork Positioner (ISSFP) is useful within industries that require handling a variety of load sizes. Available with 3-stage FFL masts, the ISSFP is a solution for applications that require frequent stops to reposition fork width. With this option, the operator can quickly and accurately sideshift the forks, as well as move the forks (simultaneously) inward or outward to handle a variety of pallet configurations. The Yale ISSFP is integral to the carriage, no additional carriages or aprons are required.

Eliminating the need to exit the truck and move the forks by hand, the ISSFP saves time and decreases manual effort, thereby increasing operator productivity. Product and pallet damage is reduced, decreasing your cost of operation.



## ☐ Veracitor® VX series versatility

Recognizing that no two environments are exactly alike, Yale gives you the option of tailoring your lift truck's performance and features to your application. In addition to engine and transmission choices, the innovative Yale® Flex Performance Technology™ offers selectable performance modes that provide the flexibility to maximize fuel economy or productivity to match application needs. No matter what truck configuration you choose, you can depend on the Veracitor® series lift truck.

### Engines

#### **PSI 2.4L LPG & Dual Fuel**

Power = 59 hp  
Torque = 121 lb. ft. @ 2000 RPM

#### **Kubota 2.5L LPG**

Power = 59 hp  
Torque = 131 lb. ft. @ 1000 RPM

#### **Yanmar 2.6L**

Power = 46 hp  
Torque = 106 lb. ft. @ 1400 RPM

#### **Yanmar 3.3L**

Power = 578 hp  
Torque = 139 lb. ft. @ 1700 RPM

### Transmissions

#### **Electronic Powershift**

One-speed transmission  
Electronic inching  
Heavy duty clutch packs  
Electronic shift control

#### **Techtronix 100**

All features of Electronic Powershift one speed  
Auto Deceleration System  
Controlled power reversal  
Controlled rollback

### Hydraulics

#### **Cowl Mounted Mechanical Levers**

Easy reach ergonomic design  
Excellent right-side access

#### **Accutouch Mini-lever Electro-Hydraulics**

Fingertip activation  
Best-in-class comfort  
Excellent right-side access

### Brakes

#### **Drum**

Self-energizing  
Automatically adjusting

#### **Oil-Cooled Wet Disc Brakes**

Long life brakes  
Virtually no maintenance  
Fully sealed for tough environments



# The Yale experience

With Yale, you know you're getting more than just a truck. You're getting the complete Yale experience. It's the promise we make that goes beyond our products, and our commitment to support you with the best service in the industry.



**Dealer Network** - Yale customers have direct access to the best forklift products and services through our extensive, independent dealer network, featuring 340 worldwide dealer locations (225 in the Americas) with an average of more than 25 years of experience in materials handling.



**Financial Services** - Yale® Financial Services specializes in financing your lift truck needs. Our programs make it easy to acquire the use of a lift truck or an entire fleet.



**Fleet Management** - Even if you operate other brands, we can manage your maintenance and replacement plan. We can offer complete fleet analysis, fleet history summary and a cost-effective proposal for replacement and scheduled maintenance.



**Innovations** - One size doesn't always fit all. Yale has engineered a variety of truck modifications to meet the ever-changing needs of its customers and their changing applications. In addition to standard and optional truck features, Yale offers an impressive list of special truck enhancements designed to increase your productivity.



**Operator Training** - Proper education in operating lift trucks minimizes the risk of injuries due to accidents while increasing productivity. Yale offers OSHA compliant materials that support the training of qualified operators.



**Replacement Parts** - Your authorized Yale® Lift Truck dealer offers genuine Yale parts and quality parts for other makes (PREMIER® Parts) as well as service programs - all designed to keep your trucks running efficiently and cost-effectively.



**Rental** - Long-term rental can provide flexibility for equipment and term tailored to your operation, fixed cost, maintenance and maximum uptime without major capital investment. Coupled with Yale dealers' extensive short term rental fleets, businesses can meet peak production or seasonal requirements while keeping their fleets sized for their everyday needs.



## Delivering total customer satisfaction

Yale's unique relationship with our customers is a product of our total customer satisfaction commitment combined with world-class manufacturing. Yale's goal is to anticipate the needs of every customer and address them with lift trucks that deliver the performance, value and dependability our customers demand.




For more information, or to find your nearest Yale® dealer, go to [Yale.com](http://Yale.com).



**YALE MATERIALS HANDLING CORPORATION**

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

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Manufactured in the United States of America

2219B - 1/2015 *All trucks shown with optional equipment.*