

**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. Great 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 great 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 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 selectable performance 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. Three engine selections consisting of the Kubota 2.5L LPG, PSI 2.4L LPG or dual fuel, and the Kubota 2.4L turbo 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*



*Three 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.





*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 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 fully 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

## ○ 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

#### Kubota 2.4L Turbo Diesel

Power = 57 hp  
Torque = 146 lb. ft. @ 1500 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

P.O. Box 7367, Greenville, NC 27835-7367

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

Yale is a Registered Trademark and  is a Registered Copyright. ©Yale Materials Handling Corporation 2015. All Rights Reserved.

Manufactured in our own ISO 9001 and 14001 Registered Facilities

2219C - 2/2015 All trucks shown with optional equipment.