

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

Sit-Down  
Counterbalanced IC  
Cushion Tire



**Veracitor<sup>®</sup>  
GC-VX**

8,000–12,000 lbs.

# Veracitor<sup>®</sup> VX Series

As a leader in materials handling, Yale offers so much more than the most 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.**



All trucks shown with optional equipment

Veracity means adherence to the truth. From these origins comes the Veracitor<sup>®</sup> VX series. True to our customers. True to your application. And true to our promise of productivity. Each truck in the Veracitor<sup>®</sup> 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.

**Yale Veracitor<sup>®</sup> VX Series.**  
**A true solution.**



# Veracitor<sup>®</sup> VX Dependability

Yale<sup>®</sup> Veracitor<sup>®</sup> VX trucks are designed and manufactured to be among the most dependable trucks in the industry today. Dependability is designed throughout the Veracitor<sup>®</sup> 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.

The Veracitor<sup>®</sup> VX 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.

The **innovative cooling system** design on the Veracitor<sup>®</sup> VX trucks enables dramatically 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. The Combi-Cooler radiator has a four-row aluminum core radiator and a four-row externally mounted heavy-duty transmission oil cooler for tough applications.

**O-ring face seals** on all high pressure hydraulic connections eliminate pipe fittings and the need for thread sealants creating leak-free joints. A superior filtration system increases the life span of all hydraulic components.



Superior Manufacturing



Innovative Cooling



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<sup>®</sup> 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 help maintain our customers' uptime.\*

We also take that commitment into the field with Yale's ProTech<sup>®</sup> Certification training program. The ProTech<sup>®</sup> technical training program provides both systems level as well as product specific education to ensure lift trucks are repaired right the first time.

\*Contact your local dealer for program details.

# Ultimate productivity

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.



All trucks shown with optional equipment

## Veracitor® VX versatility

Featuring the GM 4.3L V6 engine, the Veracitor® VX series offers various truck configurations and options to meet your application requirements.

Transmissions		Hydraulics
One-Speed	Two-Speed	
<p><b>Standard Electronic</b> One-Speed Transmission Electronic Inching Heavy-Duty Clutch Packs Electronic Shift Control</p> <p><b>Techtronix 100</b> All Features of Standard Electronic Transmission Auto Deceleration System Controlled Rollback Controlled Power Reversal</p>	<p><b>Standard Electronic</b> Two-Speed Transmission Electronic Inching Heavy-Duty Clutch Packs Improved Power &amp; Gradeability</p> <p><b>Techtronix 100X</b> All Features of Standard Two-Speed Transmission Auto Deceleration System Controlled Rollback Traction Speed Limiter Option</p>	<p><b>Cowl-Mounted Mechanical Levers</b> Easy Reach Ergonomic Design Excellent Right-Side Access</p> <p><b>Accutouch, Electro-Hydraulic Controls</b> Fingertip Activation Best-in-Class Comfort Excellent Right-Side Access Fully Adjustable Armrest</p>

The **GC80-120VX series** of trucks is available in several configurations to meet and exceed your material handling application requirements. The Veracitor® 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 whatever your application demands with minimal acquisition cost, and boosting performance while still reducing overall cost of operation.

The Yale Veracitor® VX series offers a variety of productivity options, all featuring the GM 4.3L V6 engine.

**Four Yale transmission selections** are available: the One and Two-Speed Electronic Powershift, Techtronix 100 and the Techtronix 100X. All transmissions feature smooth electronic inching, electronic shift, neutral start/brake interlock. The Techtronix transmissions also feature **controlled ramp descent**, limiting roll to three inches per second. These transmissions feature the **Auto Deceleration System**, bringing the unit to a complete stop when the accelerator pedal is released. The Two-Speed Electronic Powershift and Techtronix 100X transmissions add two-speed functionality for improved power and higher travel speeds. The Techtronix 100X is especially well-suited for extended drawbar pull applications.

The Continuous Stability System (CSS™) enhances the truck's lateral stability with a simple, maintenance-free design that does not compromise uneven surface travel.



Various truck configurations



Variety of powertrain options



Controlled ramp descent

**ultimate**  
**performance**

# Intelligent ergonomics

**Operators prefer our trucks.** Operator comfort is enhanced by the increased 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.



All trucks shown with optional equipment

**Rear driving comfort** has been enhanced with a convenient optional rear drive handle (complete with horn button) optimally placed on the rear overhead guard leg. The rear drive handle, in conjunction with an optional, full suspension swivel seat, creates a comfortable and secure work environment. A moderately sized steering wheel, and the infinitely adjustable steer column, accommodates operators of all sizes.

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. Yale's overhead guard design also offers plenty of headroom with excellent visibility of upper mast heights.

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

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

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



Rear drive comfort



Optional EZ-Tank Bracket™



Ergonomic hydraulic controls

# Yale **gold service**

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 the reliable, most comprehensive parts availability in the industry, these trucks were designed with service details in mind. The cowl-to-counterweight access makes servicing fast, easy and convenient. It's the new standard in truck serviceability.



All trucks shown with optional equipment

Our engineers ensure the Yale Veracitor® VX series trucks have unmatched serviceability ratings in the industry through cutting edge technology and superior manufacturing.

The Veracitor® VX truck has a rear-opening, one-piece hood that opens 85 degrees. Coupled with the one-piece floor plate, it provides excellent **cowl-to-counterweight access**. Engine compartment daily checks are all located within close reach and are easily performed. The uncluttered layout under the hood offers clean hydraulic and electrical routings.

The radiator is easy to access and the filler cap and optional radiator lint screen can be removed without the use of tools. The coolant recovery bottle is easily visible to check coolant levels. A coolant fill neck is located for easy reach.

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 which facilitates first-time fixes.

Yale has **reduced regular service requirements** on the Veracitor® VX series truck. Automatic electronic inching eliminates the need for periodic adjustment. The Auto Deceleration System feature reduces brake usage, leading to decreased brake maintenance and pad replacement. All these reductions in truck service reduce cost and add to your bottom line.

Standard **wet disc brakes** further lower the operating costs of the truck by virtually eliminating brake maintenance. These long life brakes are fully sealed against contamination making them ideal for harsh environments. With optional premium wet disc brakes, the brake system oil is circulated through the brake, then cooled and filtered before returned. The force cooled system is designed to handle continuous, high load, high cycle applications with lots of braking events and in the worst conditions.



Excellent service access



On-board diagnostics

**maximum**  
**access**

# Low **cost of ownership**

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 unparalleled dependability.



All trucks shown with optional equipment

World-class dependability of the Veracitor® VX series has decreased the cost to operate these trucks through a selection of rugged powertrain configurations, radiator design upgrades, reliable electronics and exceptional hydraulics.

The **Techtronix transmissions** offer improved tire and fuel cost savings through controlled power reversals. Yale's engine options offer reduced operating costs. The GM 4.3L engine delivers outstanding fuel economy with competitive performance.

**Intellix VSM**, the smart vehicle system manager, maximizes driver efficiency by managing fast direction changes that reduce tire spin and tire wear. **Intellix VSM** maximizes uptime by monitoring and protecting key truck functions.

Brake life is significantly improved with the optional **Auto Deceleration System**. This system automatically slows the truck when the throttle pedal is released, minimizing brake usage requirements, and reducing associated brake wear costs.

**Wet disc brakes** are standard providing excellent stopping power with an extremely long service life. The brake cooling oil circulates within the axle to provide consistent braking performance with no fade or change in pedal effort or travel, throughout the entire shift and beyond.

**Optional premium wet disc brakes** circulate oil through the brake and is then cooled and filtered for additional cooling capacity for the toughest applications with heavy brake usage as part of the typical work cycle.

Yale has **improved serviceability** of the Veracitor® VX series and thereby reduced the labor cost involved with periodic maintenance and unscheduled repairs. Easy to remove floor plate requires no tools and offers complete access to the powertrain. Simplified daily checks and reduced service requirements lead to lower maintenance costs.



Increased tire life



Controlled direction changes



Reduced labor costs

**intelligent**  
**investment**



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

**Yale**® 

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 2014. All Rights Reserved.

Manufactured in our own ISO 9001 and 14001 Registered Facilities

2228B - 2/2014 All trucks shown with optional equipment.