

Veracitor™ GP-VX



Truck shown with optional equipment

Pneumatic Tire Trucks 13,500 - 15,500 lbs.

Yale 
People. Products. Productivity.

Veracitor™ 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™ VX 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.



Yale Veracitor™ VX Series.
A true solution.

Veracitor™ VX 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.

The Veracitor™ 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™ 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 standard 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

The Yale Veracitor™ Series offers the **most reliable, most comprehensive parts program** available in the industry. Yale dealers provide off-the-shelf availability of maintenance and repair parts routinely serviced in the first two years of truck operation. If one of these parts is not available from dealer stock, the part will be rush shipped to your dealer location (U.S. 48 contiguous states only) within 24 hours (one business day) of order placement or Yale will supply the part free of charges. A list of Xpect parts and other terms of this program are available upon request.

Xpect parts

guarantee

Ultimate productivity

The Yale VX Value and VX 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

The combination of engine and transmission options allows you to configure a truck to your specific applications. These trucks help achieve savings through reduced labor costs and reduced operator overtime.



The **Yale Veracitor™ series truck** provides excellent performance for a variety of applications. The **Veracitor™ VX Value truck** is designed for the lowest hourly cost of operation. **The Yale Veracitor™ VX truck** is designed to minimize your cost of acquisition without compromising performance.

The Yale Veracitor™ VX series offers a variety of productivity options. Two GM 4.3L V6 engine choices are offered (gasoline & LPG) as well as a Kubota 3.8L EPA Certified Tier 4 interim TurboDiesel engine. **Two Yale transmission selections** are available: the Electronic Powershift and the Techtronix 332. Both transmissions feature smooth inching, electronic shift, neutral start/brake interlock.

The standard Electronic Powershift features a two-speed forward and two-speed reverse transmission with hydraulic inching. The standard Techtronix 332 transmission features a three-speed forward and two-speed reverse transmission for improved power and higher travel speeds.

The optional Techtronix 332 transmission features **controlled ramp descent**, limiting roll to three inches per second, electronic inching (requires no adjustment), and the **Auto Deceleration System**, bringing the unit to a complete stop when the accelerator pedal is released. Tire spin is reduced by precisely regulating engine speed during **controlled power reversals**.



Various truck configurations



Kubota 3.8L EPA Certified
Tier 4 interim Turbodiesel Engine



Auto Deceleration System

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

The infinitely adjustable steer column accommodates operators of all sizes. Innovative designs like our optimized step height, increased shoulder clearance, easy right-side access and ergonomically designed controls make this truck an operator favorite.



The optional Yale **Accutouch** electro-hydraulic control offers an excellent ergonomic design with shorter reach and throw with 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.

The **Auto Deceleration System** (standard on the Yale Techtronix 332) reduces brake pedal usage, and therefore operator leg fatigue.

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 swivel seat, creates a comfortable and secure work environment.

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 even at higher fork heights.



Ergonomic hydraulic controls



Rear driving comfort



Low step height

innovative
design

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 gull-wing engine covers and on-board diagnostics, to the reliable, most comprehensive parts availability in the industry, these trucks were designed with service details in mind. It's the new standard in truck serviceability.



All trucks shown with optional equipment

Yale has excellent service access on the Veracitor™ VX series. Simplified daily checks and reduced service requirements lead to lower maintenance costs.



The Veracitor™ VX truck features gas-spring assisted, gull-wing design engine covers. Coupled with the one-piece floor plate, it provides **excellent access**. Easy to remove floor plate requires no tools and gull-wing engine covers offer complete access to the powertrain. 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 coolant recovery bottle is easily visible to check coolant levels. A coolant fill neck is located within easy reach.

Both transmissions feature smooth inching and require **no periodic adjustment**. The Auto Deceleration System feature reduces brake usage, leading to **decreased brake maintenance** and pad replacement. All these contribute to **reduce service costs** and add to your bottom line.

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**.



Excellent service access



Uncluttered layout



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 of ownership savings with additional engine and transmission options, world-class serviceability and unparalleled dependability.



Periodic maintenance, tires, brakes, fuel and unscheduled maintenance all play a part in how the Yale Veracitor™ VX series lowers your overall operating costs. The Veracitor™ VX Value truck offers substantial operating cost savings over the competition.



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. Intellix VSM, the smart vehicle manager, maximizes uptime by monitoring and protecting key truck functions.

The Techtronix 332 transmission offers **improved tire and fuel cost savings** through controlled power reversals. Yale's engine options offer reduced operating costs. The GM 4.3L and optional Kubota 3.8L EPA Certified Tier 4 interim TurboDiesel engine deliver **outstanding fuel economy** with competitive performance.

The standard long life Oil Cooled 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 tough environments.

In addition, **brake life is significantly improved** with the Auto Deceleration System built onto the techtronix transmission. This system automatically slows the truck when the throttle pedal is released, minimizing brake usage requirements, and reducing associated brake wear costs.

Yale has improved serviceability of the Veracitor™ VX series and **reduces the labor cost** involved with periodic maintenance and unscheduled repairs. Simplified daily checks and reduced service requirements lead to lower maintenance costs.



Increased tire life



Controlled direction changes



Reduced labor costs

intelligent
investment

The Veracitor™ VX Series is available in two configurations to meet and exceed your material handling application requirements.



Truck Type	VX Value	VX
Design Objective	minimize operating cost per hour	economical purchase price
Environment	variable	variable
Ramp Usage	average	average
Extended Drawbar Pull	frequent	average

Veracitor™ VX **versatility**

Featuring the GM 4.3L V6 and optional Kubota 3.8L Turbodiesel engines, the Veracitor™ VX series offers various truck configurations and options to meet your application requirements.

Transmissions		Hydraulics
<i>Electronic Powershift</i>	<i>Standard Techtronix 332</i>	
<ul style="list-style-type: none"> • Two-Speeds Forward • Two-Speeds Reverse • Heavy-Duty Clutch Packs • Hydraulic Inching • Electronic Shift Control 	<ul style="list-style-type: none"> • Three-Speeds Forward • Two-Speeds Reverse • Controlled Rollback • Controlled Power Reversal • Auto Deceleration System • Electronic Inching • Higher Top Speed • Heavy-Duty Clutch Packs • Electronic Shift Control 	<p><i>Manual Cowl</i></p> <ul style="list-style-type: none"> • Easy Reach Ergonomic Design • Excellent Right-Side Access <p><i>Accutouch, Electro-Hydraulics (Opt.)</i></p> <ul style="list-style-type: none"> • Fingertip Activation • Best-in-Class Comfort • Excellent Right-Side Access

Veracitor™ VX highlights/options



Dependability highlights

	VX Value	VX
Rugged Powertrain	Std	Std
Intellix VSM (Vehicle Management System)	Std	Std
100% shock-mounted radiators	Std	Std
Wet Disc Brakes	Std	Std
Heavy duty "Combi-Cooler" radiator	Std	Std
CANbus electrical system	Std	Std
Solid-state Hall Effect sensors—no adjustments required	Std	Std
Sealed electrical connections	Std	Std
Precise wire harness routings	Std	Std
Sealed dash display	Std	Std
Electronic horn	Std	Std
O-Ring face seal hydraulic fittings	Std	Std
10-micron high-performance in-tank hydraulic oil filter	Std	Std
Electronically controlled transmissions	Std	Std
Counterweight designed to maximize air flow-enhanced cooling	Std	Std

Dependability options

	VX Value	VX
Powertrain protection system	Opt	Opt
Premium electronic monitoring	Opt	Opt
High air intake with precleaner	Opt	Opt
Accumulator	Opt	Opt
Keyless start (with auxiliary key switch)	Opt	Opt
LED Brake and Backup Lights	Opt	Opt
Drive lights and rear work lights with halogen bulbs	Opt	Opt
Traction Speed Limiter	Opt	N/A

Productivity highlights

	VX Value	VX
GM 4.3L V6 Engine	Std	Std
Electronic Powershift transmission	N/A	Std
Techtronix 332 transmission	Std	N/A
3 speed forward, 2 speed reverse – increases power and gradeability, enhances productivity on long runs	Std	N/A
Auto Deceleration System – smooth directional changes	Std	N/A
Controlled power reversal feature – reduces tire wear up to 50%	Std	N/A
Controlled rollback on ramps – enhances driver control	Std	N/A
Yale Hi Vis mast	Std	Std
Hall Effect sensors and switches feature solid-state components – no adjustments	Std	Std
Sealed electrical connectors keep out water and debris	Std	Std
Directional change lever	Std	Std
Audible alarm and strobe lights	Opt	Opt
Accutouch electro-hydraulic controls	Opt	Opt

Note: Std = Standard, Opt = Optional, N/A = Not Available

Veracitor™ VX highlights/options



Productivity options

	VX Value	VX
Kubota 3.8L EPA Certified Tier 4 interim Turbodiesel Engine	Opt	Opt
Return-to-set tilt	Opt	Opt
Rear handle with horn button	Opt	Opt
Full suspension seats	Opt	Opt
Full suspension swivel seats	Opt	Opt
Running mounted, dual LP tank brackets	Opt	Opt
Dual pedal inch/brake	Opt	N/A
Foot Directional Control pedal	Opt	Opt
Work lights with halogen bulbs	Opt	Opt
Mirrors—side view	Opt	Opt
Quick disconnects with extension tubes	Opt	Opt
Tilt: 6 degrees forward/6 degrees back	Opt	Opt

Ergonomic highlights

	VX Value	VX
Infinite adjustment steer column	Std	Std
Optimized step height	Std	Std
Excellent mast visibility	Std	Std
Excellent rearward visibility	Std	Std
Dash display positioned for optimum visibility	Std	Std
Low brake pedal effort	Std	Std
Small 12-inch steering wheel with spinner knob	Std	Std
Single inching / brake pedal with excellent ergonomic positioning	Std	Std
Conveniently located storage compartment	Std	Std
Isolated powertrain	Std	Std
Enhanced insulated non-metallic hood	Std	Std
Auto Deceleration System	Std	N/A
Conveniently located cowl mounted hydraulics	Std	Std
Low noise hydraulic pump	Std	Std
Floormat	Std	Std
Convenient, running board mounted, LP tank bracket (single)	Std	Std

Ergonomic options

	VX Value	VX
Accutouch electro-hydraulic controls with fully adjustable armrest	Opt	Opt
Return-to-set tilt	Opt	Opt
Rear handle with horn button	Opt	Opt
Full suspension seats	Opt	Opt
Full suspension swivel seats	Opt	Opt
Dual Pedal inch/brake	Opt	N/A
Foot Directional Control Pedal	Opt	Opt

Note: Std = Standard, Opt = Optional, N/A = Not Available

Truck performance may be affected by the condition of the vehicle, how it is equipped and the application. Consult your Yale Industrial Truck Dealer for further information. Specifications are subject to change without notice.

Veracitor™ VX highlights/options



Service highlights

	VX Value	VX
Easy floorplate removal—no tools required	Std	Std
On-board diagnostics with advanced dash display	Std	Std
PC-based diagnostics enabling fast and accurate troubleshooting	Std	Std
Simplified daily checks	Std	Std
Uncluttered layout with superb hydraulic and electrical routings	Std	Std
Superior filtration system	Std	Std
Intellix VSM, Vehicle Management System	Std	Std
CANbus electrical system	Std	Std
Robust transmission clutch packs	Std	Std
Sealed electrical connectors	Std	Std
O-Ring face seals on all high pressure hydraulic connections	Std	Std
Hall Effect sensors and other solid state components require no adjustment	Std	Std

Service options

	VX Value	VX
Operator password	Opt	Opt
Drive in work lights with halogen bulbs	Opt	Opt
Premium monitoring system	Opt	Opt
Powertrain protection system	Opt	Opt
LED brake and backup lights	Opt	Opt

Cost of Ownership highlights

	VX Value	VX
Heavy-duty, “Combi-Cooler” radiator	Std	Std
Electronically controlled transmissions	Std	Std
Counterweight designed to maximize air flow	Std	Std
System monitoring	Std	Std
Auto Deceleration System	Std	N/A
Controlled power reversal	Std	N/A

Cost of Ownership options

	VX Value	VX
Powertrain protection system	Opt	Opt
Premium monitoring package	Opt	Opt
High air intake with precleaner	Opt	Opt
Accumulator	Opt	Opt
Traction speed limiter	Opt	N/A
Operator password	Opt	Opt

**Sales • Rentals • Financing • Fleet Management
Parts • Service • Operator Training**



Manufactured in our own ISO 9001 and ISO 14001 Registered Facilities



Yale Materials Handling Corporation

P.O. Box 7367, Greenville, North Carolina 27835-7367

© 2012, Yale Materials Handling Corporation • www.yale.com

2271A 5/12