Yale®

People. Products. Productivity.™

Veracitor® GC-VX

Sit-Down, Counterbalanced IC Cushion Tire

8,000–12,000 lbs.



Delivering customer satisfaction

Yale's unique relationship with our customers is a product of our 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.



Veracitor® VX Series
Highlights

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, High Quality, Advanced Components and Superior Manufacturing.

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.

Ergonomics

- Yale® Hi-Vis™ mast
- Optional Accutouch mini-levers
- Auto deceleration system
- Controlled power reversal

Productivity

- Kubota 3.8L engine
- Continuous Stability System (CSS™)
- Optional Yale® Flex Performance Technology™

Low cost of operation

- Heavy duty wet disc brakes
- Auto Deceleration System
- Optional on-demand hydraulic system

Dependability

- Shock mounted radiators
- Optional on-demand cooling system
- Sealed electrical connectors

Serviceability

- Cowl-to-counterweight access
- Intellix VSM
- EZ-tank bracket option
- Guaranteed Parts Availability Program



Built to be
operator friendly.

Operator comfort is enhanced by the increased foot space in the well-designed operator's compartment. The isolated powertrain reduces noise and vibration helping to minimize operator fatigue and increasing operator productivity throughout a shift. Great operator visibility is afforded through the Yale® Hi-Vis™ mast. Innovative designs like our optimized step height, 3-point entry, increased shoulder clearance, easy right-side access and ergonomically-designed controls make this a comfortable ride for the operator.



Infinitely adjustable steer column

Low step height

Optional rear drive handle with horn button

Optional Accutouch electro-hydraulic controls with on-demand hydraulics

Electro-hydraulic controls - The optional Yale® Accutouch mini-lever electro-hydraulic control with on-demand load-sensing hydraulics 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.

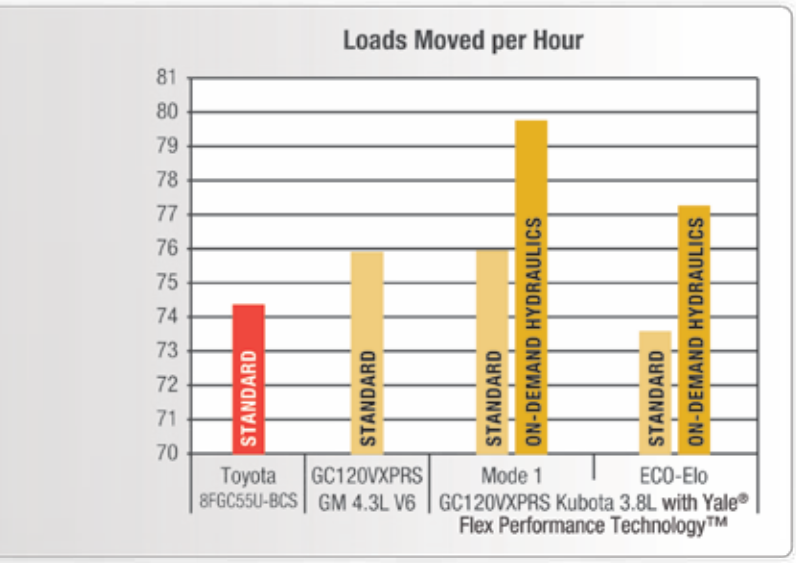
Techtronix 100 transmission - The Auto Deceleration System (standard on the Yale® Techtronix transmissions) reduces brake pedal usage, and therefore operator leg fatigue. Controlled power reversal with automatic inching control moves loads more efficiently with less operator fatigue and product damage.

Low step height - 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 offers plenty of headroom with great visibility of upper mast heights.

Rear drive handle - Rear driving comfort has been enhanced with an optional convenient 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 moderately-sized steering wheel, and the infinitely adjustable steer column, accommodates operators of all sizes.

Ultimate productivity.

This series of trucks is available in several configurations to meet and exceed your material handling application requirements. The Veracitor® trucks can be configured for maximum performance with state-of-the-art-features and superior power. Trucks operating in standard and medium-duty requirements can be optimized for lowest cost of operation while maintaining excellent performance.



Continuous Stability System (CSS™)

The CSSTM reduces truck leans in turns, improving lateral stability, and the innovative steer axle mounting design allows for superior travel over uneven surfaces. Yale® CSSTM 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 TechnologyTM offers the flexibility to maximize fuel economy or productivity to match application needs. The GC080-120VX series features two 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.



Even in standard operating mode, the Yale® GC120VXPRS lift truck moves more loads per hour then leading competitors. The optional on-demand hydraulics featuring Yale® Flex Performance Technology™ on the efficient Kubota 3.8L LPG engine boosts productivity even further by allowing more engine power to be applied to the transmission rather than pumping unnecessary hydraulic oil.

Transmission options

Two transmission selections are available: Electronic Powershift and Techtronix 100. The Electronic Powershift features electronic shift control, electronic inching (requires no adjustment), and heavy duty clutch packs. The Techtronix 100 transmission additionally features Auto Deceleration System—bringing the unit to a complete stop when the accelerator pedal is released, and controlled power reversals—reducing tire spin by precisely regulating engine speed. Controlled ramp descent limits roll to three inches per second. Both Electronic Powershift and Techtronix 100 transmissions are also available with two forward speeds for additional speed and gradeability.



Optional Accutouch mini-lever electro-hydraulic controls

On-demand hydraulic system

The optional on-demand hydraulic system is load-sensing, delivering oil flow only when required. The system consumes less fuel than a typical fixed displacement hydraulic system while producing less heat. Oil and filters last longer; hoses, seals and components also wear less and last longer. Accutouch mini-levers provide low effort, tactile control of all hydraulic functions.



Kubota 3.8L LPG engine

Cooling technology

Veracitor® VX trucks are designed to maximize airflow through ducts and tunnels, maintaining low temperatures and keeping systems cooler and running longer.

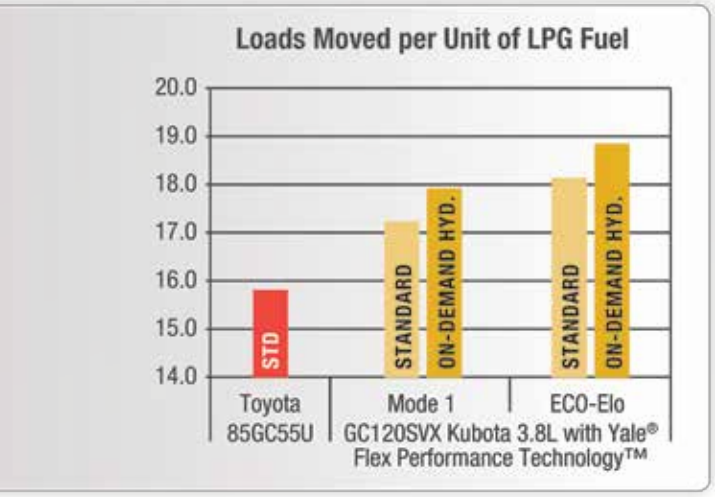
An optional on-demand cooling system is available, which maintains optimum engine and transmission temperatures, and virtually eliminates the possibility of overheating.



On-demand cooling system

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 unparalleled dependability. The Veracitor® VX truck offers substantial operating cost savings over the competition.



In standard performance mode, the Yale® GC120VX lift truck provides the lowest cost of operation compared to leading competitors when tested on a productivity course. The Yale® Flex Performance Technology™ option on the efficient Kubota 3.8L LPG engine allows the operator to choose which mode to use during operation: Mode 1 or ECO-eLo. This on-demand hydraulic system further reduces overall costs and greatly reduces fuel consumption by pumping hydraulic oil only when needed.

Reduced wear on brakes and tires

The standard wet disc brakes further lower the operating costs of the truck by virtually eliminating brake maintenance. Fully sealed against contamination, these brakes are ideal for tough environments, and often last the life the truck.

Techtronix 100

The Auto Deceleration System, built onto the techtronix transmission, automatically slows the truck when the throttle pedal is released, minimizing brake usage requirements and reducing associated brake wear costs. Controlled power reversal feature reduces tire spin, increasing tire life by up to 50%. This feature is programmable to match the needs from delicate to more aggressive settings for maximum productivity.

Smart hydraulics

The optional on-demand hydraulic system can save customers up to 20% in fuel consumption by pumping hydraulic oil only when necessary. The life of the hydraulic components is extended by eliminating excessive system temperatures.

Simplified serviceability

Simplified daily checks and reduced service requirements help to reduce the labor cost involved with periodic maintenance and unscheduled repairs. To further aid serviceability, the floor plate requires no tools to remove and offers complete access to the powertrain.

Ultimate dependability.

Innovative cooling system

The innovative cooling system design on the Veracitor® VX trucks enables significantly lower operating temperatures than competitive models. The system offers excellent airflow through optimized ducting and high-volume tunnels allowing our trucks to run 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.

By keeping major components running in their optimum temperature ranges, the **optional on-demand cooling system** helps to extend the overall truck service life. The fan system is an extension of the robust hydraulic system, including superior oil filtration and O-ring face seal hydraulic fittings. By automatically reversing every 20 minutes, the hydraulically controlled cooling fan helps to keep the radiator clear of debris, reducing the need for the operator to clear it manually.

Reliable electronics

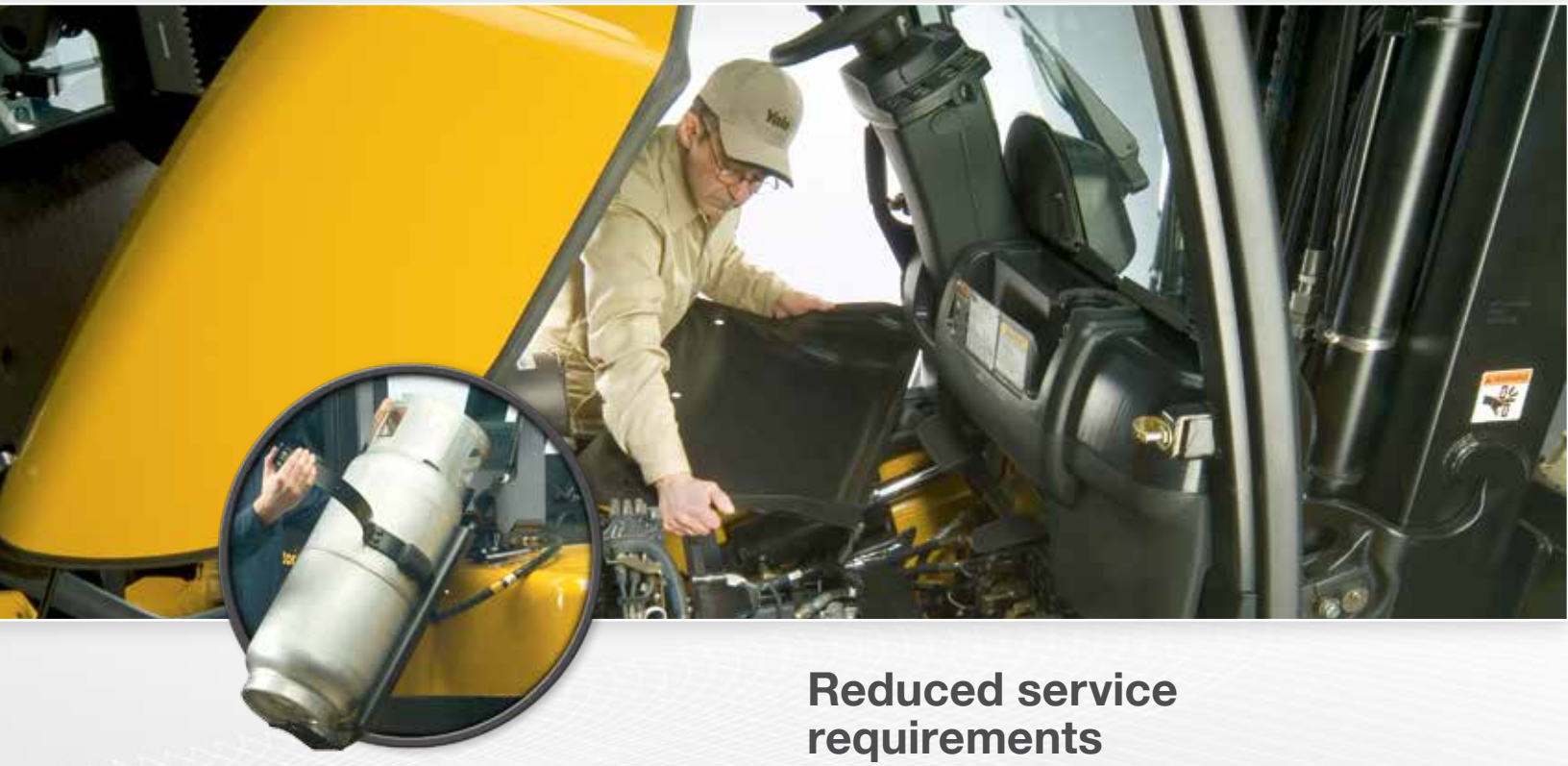
Sealed connectors allow the entire truck to be pressure washed. Hall Effect sensors and switches in the key start switch and direction shift lever have solid state components that are magnetically operated and are 100% sealed from the environment.

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



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 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, making the Veracitor® VX series the new standard in truck serviceability.



The optional swing-out, drop-down EZ-tank bracket swings out and drops down approximately 60 degrees for virtually effortless removal and installation of the LPG tank.

Intellix VSM

The Intellix VSM continuously monitors truck functions and immediately alerts the operator to service needs. Extensive on-board diagnostics on the advanced dash display communicates service codes, enabling quick and accurate repairs.

Reduced service requirements

All transmissions feature smooth electronic inching and require no periodic adjustment. Controlled power reversal feature reduces tire spin, increasing drive tire life by up to 50%. Engine coolant change and hydraulic oil change intervals are 4,000 hours. Standard wet disc brakes virtually eliminate brake maintenance and often last the life of the truck. These efficient features directly contribute to reduced service costs.

Cowl-to-counterweight access

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

Easy access radiator

The soft rubber, isolator mounted radiator is easy to access by removing the cover, held in place by thumbscrews. The filler cap and optional radiator lint screen can also be removed without the use of tools. Reduce radiator cleaning frequency by choosing the optional on-demand cooling system. This system automatically clears the radiator of debris by periodically reversing cooling fan direction every 20 minutes.





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 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 ensure lift trucks are repaired right the first time.

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

Applicaiton-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 combinationof engine and transmission options allows you to configure a truck to your specific applications.

Kubota 3.8L LPG engine

The Kubota 3.8L spark-ignited LPG engine will deliver top notch productivity and do so with the lowest operating cost per load moved. The unit has the unique capability to adjust productivity levels to meet varying productivity requirements with optimum fuel economy. The engine is designed and built for extreme durability with minimal service requirements. Drivers will enjoy operating the truck with low vibration and engine noise levels.

- Yale® Flex Performance Technology™
- 500 hour service intervals
- Individual coil-over-plug ignition
- Deep skirt engine block
- Gear driven engine timing
- Cast iron block and cylinder head
- 13 quart oil pan with oil cooler
- 80 Amp Alternator

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:

- Kubota 3.8L engine
- Full venting package
- High-temperature hydraulic oil
- Reduced displacement hydraulic pump
- Exhaust wraps
- On-demand cooling system (recommended)



Options to make your Yale® truck a “Cool Truck”

For decades, Yale has been a leader in building rugged and durable forklifts designed specifically for the rigorous challenges of heavy duty applications. Our lift trucks offer innovative solutions to maximize uptime by reducing debris vacuuming and clogging, cooling hydraulic temperatures, lowering overall truck temperature, and extending component life. The following options and packages are just some of the ways we keep your Yale® truck running cool.

On-demand cooling system

The on-demand cooling system controls the speed and rotational direction of the fan. During normal operation, the fan reverses direction automatically for 20 seconds every 20 minutes. When necessary, a manual control button allows the operator to initiate a reversal manually.

- Reduces overheating
- Reduces debris vacuuming that can clog the radiator
- Increases fuel efficiency
- Maintains optimum powertrain temperatures
- Lowers fan speeds, reducing noise levels
- Can eliminate downtime spent cleaning debris from the radiator

Full venting package

The full venting package features additional vented panels. Increased air flow is drawn into the engine compartment from a higher position on the truck where the air is cleaner, resulting in reduced ingestion of dirt and debris into the engine compartment and radiator.

On-demand hydraulic system

The optional on-demand hydraulic system introduces a more efficient and intelligent way to meet the truck’s hydraulic load demands. The variable displacement pump produces hydraulic oil flow only as needed. The system minimizes the amount of engine power required, resulting in greater fuel economy and reduced system temperatures. The on-demand hydraulic system is included with optional Accutouch mini-lever hydraulic controls.

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. No matter what truck configuration you choose, you can depend on the Veracitor® series lift truck.

Note: GP135-155VX use standard 8.25 x 15 x 14 PR pneumatic drive tires @ 82.0 inch (2082 mm) overall width.

ENGINES	TRANSMISSIONS	HYDAULICS
GC080VX Kubota 3.8L LPG	**Electronic powershift**	**Cowl-Mounted mechanical levers**
• Power = 91 hp • Torque = 221 lb. ft. @ 1000 RPM	• Electronic shift control • Electronic Inching • Heavy-duty clutch packs • Available with 1 or 2 forward speeds	• Easy-reach ergonomic design • Excellet right-side access
GC100-120VX Kubota 3.8L LPG	**Techtronix 100**	**Accutouch Mini-lever Electro-Hydraulics**
• Power = 91 hp • Torque = 221 lb. ft. @ 10000 RPM	• All features of Electronic Powershift • Auto deceleration system • Controlled power reversal • Controlled rollback • Available with 1 or 2 forward specs	• Fingertip activation, • Best-in-class comfort • Excellent right-side access • On-demand hydraulics • Optional seatside directional control

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.



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.

SUMA LIFT
INDUSTRIAL TRUCKS

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