



S80-120FT SERIES

SIT-DOWN, COUNTERBALANCED, IC, CUSHION TIRE

**STRONG PARTNERS.
TOUGH TRUCKS.™**

WWW.HYSTER.COM

> DECREASE DOWNTIME BY UP TO 30%

Industrial lift truck downtime results from problems with the powertrain, brakes, electrical system, cooling system or hydraulic system. Advanced design of the S80-120FT truck series has reduced downtime by up to 30%.

KUBOTA 3.8L LPG ENGINE

Trucks equipped with 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.

COOLING TECHNOLOGY

- A choice of 2 aluminum core radiators, each with significant design and component improvements, provides exceptional cooling capacity, increasing uptime.
- A superior counterweight tunnel design coupled with a “pusher” type fan and enhanced shroud design improves airflow and significantly reduces the recirculation of hot air.
- Combi-cooler radiator provides 4-row aluminum core for additional transmission oil cooling capacity for the most demanding and intensive applications.
- Soft rubber isolator mounted radiators increase reliability and durability to extend service life.
- The optional **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. This system reduces overheating and helps to maintain optimum powertrain temperatures.
- 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.



Kubota 3.8L spark-ignited LPG engine



On-demand cooling fan and drive



HYSTER STABILITY SYSTEM

Our patented Hyster Stability System (HSS®) is built into the fundamental design of every truck—it's not "added on" like other manufacturers—to allow for articulation on uneven surfaces and to minimize truck lean for enhanced lateral stability. And unlike some competitors, the HSS® is virtually maintenance-free.

> **FATIGUE-REDUCING OPERATOR COMPARTMENT**

The Fortis® S80-120FT series features an ergonomically designed operator compartment that plays a big role to enhance overall productivity. Superior ergonomic features like ample leg room, 2 choices of hydraulic controls, an infinitely adjustable steer column, integrated dashboard display, 12-inch steering wheel with spinner knob, Auto Deceleration System, 6 choices of seats and optional rear drive handle and EZXchange bracket enable your operator to maximize productivity.



A COMFORTABLE OPERATOR IS A PRODUCTIVE OPERATOR

- Easy-to-use 3-point entry design of operator compartment uses a large molded hand grip and open non-slip step with a low step height to minimize muscle/joint strain during entry/exit.
- An infinitely adjustable steer column and optional full suspension seat assures the right fit for any operator.
- A choice of 6 different seats enables a more customizable level of operator comfort by its enhanced design and adjustable features.
- Increased shoulder clearance – a result of the redesigned overhead guard and more floor space – gives operators greater foot room.
- Isolated drivetrain minimizes the effect of powertrain vibration and road-born shocks to increase operator comfort throughout the shift.
- Low noise level at operator ear lessens driver fatigue, improving driver satisfaction for an overall increase in productivity.
- Rear drive handle mounted on overhead guard leg (optional) provides an excellent hand hold for reverse driving while giving ready access to the auxiliary horn button for use when approaching cross-aisles and pedestrian traffic areas.
- Swing-out bracket frees the LPG tank from over the counterweight to simplify changeout.
- Optional EZXchange bracket also lowers the tank on its stable platform to minimize arm and back strain for even easier changeouts.

PRECISE, EFFORTLESS OPERATION

- 12-inch steering wheel with spinner knob improves steering response, increasing control and efficiency. The low-effort system is easy to manage with only 4 turns lock-to-lock.
- Adjustable armrest that accompanies the optional TouchPoint mini-lever electro-hydraulic controls moves with the seat and telescopes forward/vertical in one simple movement to provide greater flexibility in achieving a more custom position.
- Intuitive brake pedal layout and the minimal braking requirements of the Auto Deceleration System significantly reduce operator fatigue. (DuraMatch™)
- Controlled rollback on ramps contributes to lower driver fatigue and significantly enhances truck and load control on ramps. (DuraMatch™)

PERFORMANCE AT-A-GLANCE

- Advanced dash display uses a non-reflective, backlit LCD screen and 21 indicator lights provide performance at-a-glance in all lighting conditions.
- Easy-to-use on-board diagnostics through the advanced dash display provide fast and accurate troubleshooting for first-time fixes.
- Optional electronic monitoring package reports air and hydraulic oil filter restrictions and low engine coolant levels.



TouchPoint mini-lever electro-hydraulic controls



Swing-out drop-down EZXchange bracket



Rear drive handle with horn button



> A WORKHORSE FOR YOUR TOUCH APPLICATIONS

The S80-120FT lift truck series represents a transformation in how lift trucks are designed, built and acquired. Drawing on Hyster Company's legacy of strength, durability and toughness, the Fortis® concept simplifies lift truck purchases with a series of engine-transmission bundles. Fortis® means you maximize your purchasing power by buying only the features you need for your application. Using a truck from the S80-120FT series means low cost of operations, dependability and owning a unit that's still going strong long after the day's work is done.

HYSTER® VARIABLE POWER TECHNOLOGY™

Hyster® Variable Power Technology™ provides adjustable performance modes that allow customers to maximize productivity or fuel economy to fit their specific application requirements. With two selectable performance modes, the S80-120FT series can be tailored 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.

ON-DEMAND HYDRAULIC SYSTEM

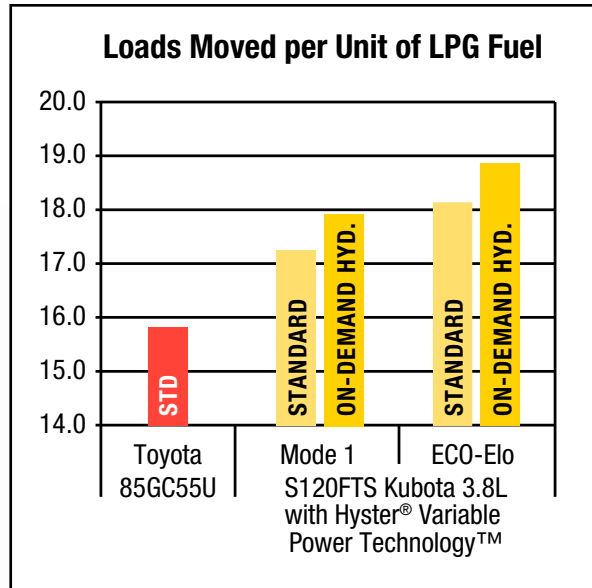
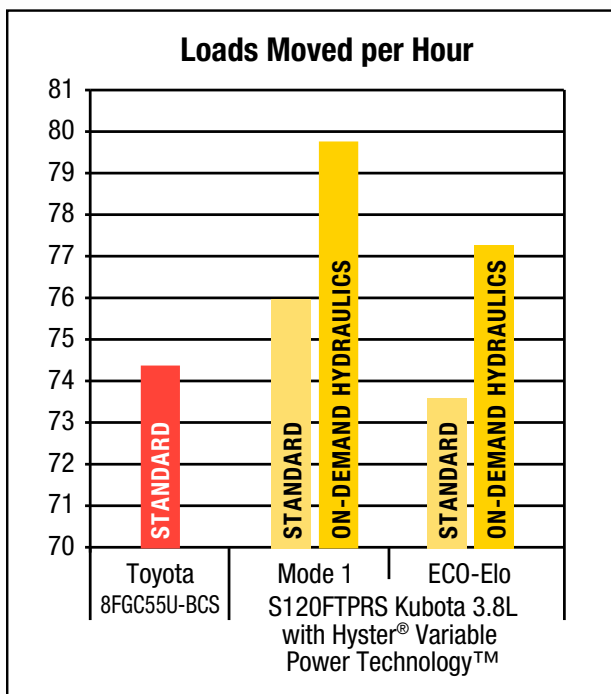
The optional load-sensing on-demand hydraulic system introduces a more efficient and intelligent way to meet the truck's hydraulic load demands. Featuring Variable Displacement Pump (VDP) technology, the pump produces oil flow only when needed. The system minimizes the amount of engine power required, resulting in up to 22% greater fuel economy and reduced system temperatures. The on-demand hydraulic system is included with optional TouchPoint mini-lever electro-hydraulic controls.



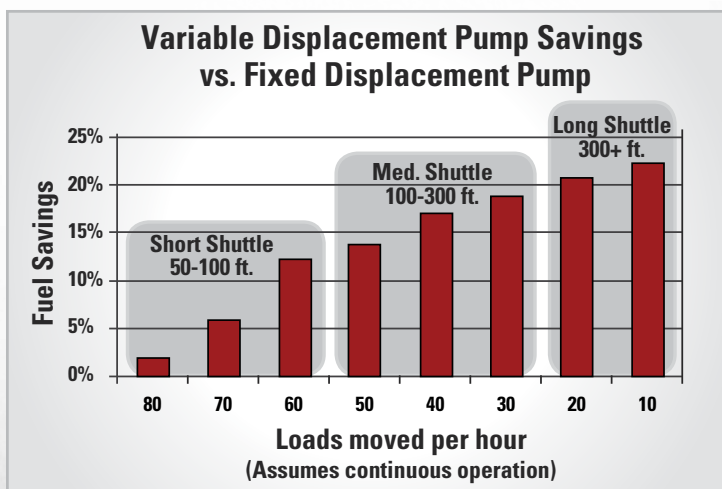
PAPER ROLL SPECIAL

Our exclusive truck configuration designed especially for paper roll applications is the Paper Roll Special. The greater capacity of the 120PRS means you can handle loads that would require a 13,500 pound capacity truck from some manufacturers. Built exclusively for heavy attachment operations, the special counterweight is designed to offset the weight of a large capacity roll clamp. The hydraulic system is optimized for clamp applications to reduce wasted energy and the heat buildup that destroys components. The standard accumulator aids in protecting your rolls against costly product damage.

In standard performance mode, the Hyster® S120FT lift truck provides the lowest cost of operation compared to leading competitors when tested on a productivity course. The Hyster® Variable Power 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 reduces fuel consumption by pumping hydraulic oil only when needed.



Even in standard operating mode, the Hyster® S120FTPRS lift truck moves more loads per hour than leading competitors. The optional on-demand hydraulics featuring Hyster® Variable Power 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.



Lowering operating costs in all types of applications is what the Fortis® series does best. With decreased downtime, this lift truck is an exceptionally smart choice. The S80-120FT series is configured to provide improved efficiency, while enhancing reliability and superior serviceability to reduce your operating costs.

INNOVATIVE TRUCKS ENGINEERED TO MEET THE MOST DEMANDING APPLICATIONS

For more than 80 years, Hyster has been conquering the world's most demanding applications. In the 1920's Hyster started as a manufacturer of lifting machines used in the rigorous logging industry of the United States' Pacific Northwest. A few years later the first forklift trucks were invented and the Hyster brand quickly gained its reputation for rugged quality. Hyster® lift trucks are designed to lower your cost of operations. Every truck we make — gasoline, LPG, diesel and electric — is purpose-built to excel in its application. Every truck is also backed by an unmatched network of specialists.



Dealer Network — Our Dealer Network can offer the expertise of fleet managers, parts suppliers, capital procurement specialists and trainers. Carefully chosen dealers fully understand customer applications, assist in selecting the right lift truck and provide fast, reliable support.



Hyster Fleet Services — 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.



Parts — With genuine Hyster® replacement parts and UNISOURCE™ parts for all makes of lift trucks, we are your one-stop source for lift truck parts. In fact, we offer more than 7 million part number crosses for most brands of materials handling and other in-plant mobile equipment.



Rental Products — When leasing or buying isn't a practical option, we have access to more than 14,000 units for short- and long-term rental. We'll help you maintain output in a cost-effective manner.



Hyster Capital — We can arrange solutions for special financing requirements, taking the difficulties out of buying the equipment you need. Whether you purchase or lease a new or used lift truck, Hyster Capital offers superior service and competitive rates.



Special Products Engineering Department (SPED) — Different materials require different handling. That's why we can work with you to customize your lift trucks. From strobe lights to specially made forks, SPED has the tools to help you get the job done right.



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




Service — Your local Hyster® dealer offers a flexible, customized and comprehensive maintenance plan based on each lift truck's operation environment. Hyster service programs offer scheduled inspections and maintenance, along with quick, responsive service dispatched to your location.



Hyster Company
P.O. Box 7006
Greenville, North Carolina
27835-7006
Part No. S80-120FT/B
12/2016 Litho in U.S.A.

Visit us online at www.hyster.com or call us at **1-800-HYSTER-1**.

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