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**INTERNAL COMBUSTION ENGINE
PNEUMATIC TIRE | 4,000-7,000 LB
PRODUCT BROCHURE**

**A SERIES
H40-70A**



THE HYSTER® A SERIES: DISTINCTLY HYSTER, BUILT FOR YOU.

Starting with the A Series, Hyster has revolutionized the manufacturing process to deliver the tough truck you expect, built to meet the needs of your application. The Hyster A Series is designed using A+ Logic, with a fully integrated set of scalable and adjustable features that allows you to easily fine-tune the right solution to fit your application.

We know that no two customers face identical challenges. So, instead of providing you with a truck we built, we build the truck you need. It's just logical.



Universal issues such as productivity, cost pressures and labor shortages are growing. The right materials handling solutions can help mitigate these pain points.

Start with a singular base configuration, then add only what you need to best suit your operational needs—no more, no less. By designing a completely unique forklift, you get the comfort and performance you desire, plus the cost benefit of only paying for what your operators and operation need in order to perform optimally.



SAFETY FEATURES THAT BOOST PRODUCTIVITY

Operator assistance features are designed to support the behavior and awareness of both operators and pedestrians on or around the lift truck. This, combined with the Hyster® Dynamic Stability System, means more operator confidence and productivity for your operation.



OPERATOR-CENTRIC DESIGN

You have to experience it to believe it. Every detail of the operator compartment has been precisely engineered to provide optimal comfort and excellent visibility to help your operators stay comfortable and productive all shift long.



LOW TOTAL COST OF OWNERSHIP

With every H40-70A forklift, you get durable components and extended preventive maintenance service intervals, resulting in reduced maintenance costs.

EMPOWER YOUR WORKFORCE

Maintaining a strict focus on lift truck best practices can be a challenge, but with so much riding on lift truck operator performance, building and supporting safe, effective habits through proper, comprehensive training is critical. The A Series goes a step further, with smart features and technology that offers alerts and automated assistance to operators in real time.



The Dynamic Stability System (DSS) actively monitors five integrated non-maintenance sensors during operation to provide information to the Vehicle System Manager (VSM). The VSM will engage DSS by providing audible and visible alerts from the operator display and limiting truck performance. If telemetry is available, the system will send an alert to the telemetry portal.

DYNAMIC STABILITY SYSTEM (DSS)

A completely maintenance-free system that sends audible, visible and performance alerts to the operator to help promote safe operating practices. This innovative technology, made up of 4 sub-systems, limits truck performance in certain conditions to help minimize forward and sideways tip-overs.¹

- **Lateral Stability System** reduces truck leans in turns, helping to improve lateral stability. The innovative steer axle design allows for superior travel over uneven surfaces. The system is 100% maintenance free, with no controller, sensors or wiring.
- **High-Lift Traction Control** limits truck speed when the carriage is raised above the height threshold. Operator will receive a visual indicator on the truck display and an audible alert.
- **High-Lift Tilt Control** limits tilt speed and forward tilt range when the carriage is raised above the height threshold while carrying a load. Operator will receive a visual indicator on the truck display and an audible alert.
- **Corner Control** dynamically limits speed when driving around corners, based on how tightly the truck is turning. Operator will receive a visual indicator on the truck display and an audible alert.

OPERATOR ASSISTANCE SYSTEMS

A suite of application-specific features designed to support the behavior and awareness of both operators and pedestrians to promote safe practices and help prevent facility and product damage.¹

Spotlights and Pedestrian Awareness Lights

a highly configurable suite of light options, mounting positions, colors and control methods deliver a best-fit solution to help support application-specific visibility and awareness needs in low light or congested areas.

Shelf Height Selector is an option that allows the operator to select a pre-set lift height. With one touch of the hydraulic controls, the truck automatically stops lifting at the pre-set height, ideal for applications with high lift heights and frequent loading into racks.

Rear-Facing Camera

with the corresponding LCD rear view display may be helpful in certain applications in monitoring the rearward area of the truck while maneuvering or changing directions.

Slim, LED, mast mounted work lights can be added for applications requiring additional lighting than provided by work lights alone.

If equipped with a **swing-out or swing-out drop-down tank bracket**, an LPG tank bracket interlock feature will alert the operator if the tank bracket is not fully closed and will not allow operation.

¹ Properly trained operators of high-lift counterbalanced lift trucks should always travel (with or without load) with the carriage lowered. Operators should exercise caution when tilting loads at height, and during acceleration (forward or backward) when removing or depositing loads positioned high on racks.

DESIGNED FOR THE OPERATOR

Don't let the physical demands facing lift truck operators undermine labor productivity or retention. The H40-70A models are designed for ergonomics and convenience, making it easier for operators to stay comfortable during operation.



THIS WILL BE YOUR GO-TO FORKLIFT



OPTIMIZED STEP

Features a comfortable and secure tread and wide opening angles. Thanks to a lower seat position and optimized step height, the step is closer to the seat, which means operators can climb straight from the step into the seat. The large length and width of the step provides a greater foothold for the operator.



FLIP-UP ARMRESTS

Included with optional suspension seats, the flip-up armrests offer unobstructed access when getting in and out of the truck, then provides a comfortable and secure armrest when operating manual hydraulic levers.



CONTOURED HOOD

Provides space for the operator to swing their leg naturally when getting in and offers additional room to reach the step when getting out.



LARGE FLOOR SPACE

Ample foot space is especially beneficial when operators must spend long periods on the truck, allowing them to move their feet around and stay comfortable.



DYNAMIC SEAT ADJUSTMENT

Provides up to 25% more forward & backward seat adjustability than the leading competitor² to give the operator more freedom of movement during operation.



SPACIOUS COMPARTMENT

Greater head clearance than the competition² provides more space for freedom of movement during operation.



FOOT-ACTIVATED, HAND-RELEASED PARKING BRAKE

Designed to tuck out of the way when applied, enabling unobstructed entry and exit. Requires less effort than a hand-applied brake and minimizes operator lean and strain on the back.



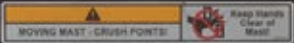
CONVENIENT DISPLAY

A standard, full-color touch-screen display offers quick, easy access to vital truck information, such as time, truck speed, operator alerts and fuel level. The display also allows adjustment of the inch brakes.

EXCEPTIONAL VISIBILITY

The ability to scan your surroundings quickly is vital. Forklifts, robotics, pedestrians and other vehicles are constantly moving and traveling. Visibility is key to help avoid incidents and damage.

Superior visibility and smart operator assistance technology help operators work with confidence and efficiency.



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EXPECT HIGH PERFORMANCE AND PRODUCTIVITY



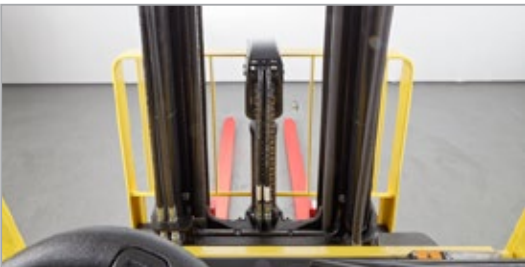
OVERHEAD VISIBILITY

High-strength laminated glass roof provides an unobstructed upward view while picking and placing loads at height. Standard with cab, optional on other configurations.



FORWARD VISIBILITY

The wide viewing window provides excellent visibility through the mast, enhanced visibility of forks and load when picking at height, and excellent visibility when traveling forward.



FORK VISIBILITY

A low dash and a wide mast give the operator excellent visibility of the fork tips. Optional equipment such as the fork laser level line helps you quickly and easily see where the fork tips will enter a pallet load, helping to reduce product and facility damage. Hyster has proudly put this feature on a sit-down counterbalance truck to help in high lift or low light applications.



KEEP COSTS UNDER CONTROL

Increasing demands, harsh duty cycles and challenging environments can threaten uptime, so you need equipment proven to stand up and deliver, shift after shift. The H40-70A series protects your bottom line with features engineered to simplify regular service and help prevent unplanned downtime.



STANDARD EQUIPMENT



EXTENDED PREVENTIVE MAINTENANCE INTERVALS

The Yanmar industrial engine is designed for continuous, heavy use and frequent start/stop events. This engine utilizes an auto-tensioned belt for the front end accessory drive, helping to create increased service intervals. In addition, the Yanmar engine is equipped with a robust gear train, eliminating problems due to timing belt failure.



TAPERED ROLLER BEARINGS

Tapered roller bearings in the steer axle are more durable against shock and require less frequent greasing than needle bearings.



DEPENDABLE SEALS AND CONNECTORS

O-ring face seal hydraulic fittings reduce leaks while Deutsch-style, double-sealed electrical connectors reduce contamination from moisture and dirt.

DID YOU KNOW?

Meeting customer demand for lower costs, faster response times and service expectations accounted for three of the top six supply chain challenges.³

Durable materials handling equipment will improve uptime, flexibility and performance tailored to your operation will help to overcome these challenges.

OPTIONAL EQUIPMENT



ON-DEMAND COOLING WITH REVERSING FAN

Cooling fan automatically reverses direction at a regular interval to help clear out debris from the radiator, allowing the truck to stay cool while minimizing the frequency with which operators need to remove debris themselves. Operators can push a button any time to reverse the fan. The fan runs independently of the engine, providing the right amount of cooling for the job, whether the truck is at top speed or sitting still.



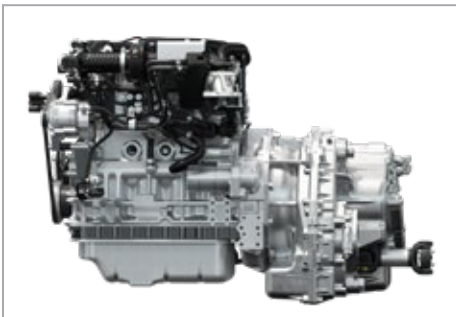
ON-DEMAND HYDRAULIC SYSTEM

Extend oil life with a load-sensing variable displacement pump that produces oil flow only when needed. The on-demand pump reduces heat in the hydraulic system, helping to prevent pump failure, leaks and extending mast hydraulic hose life.



WET DISC BRAKES

Oil-cooled wet disc brakes, designed to last the life of the truck, are housed in a sealed unit and protected from the environment, which helps to reduce damage, virtually eliminating brake maintenance. Includes a push-button park brake that automatically engages when the operator leaves the seat or shuts down the truck.




ELECTRONIC TRANSMISSION

Advanced Duramatch™ transmission designed around an aluminum housing provides proven durability against heat, shock and vibration. Includes controlled power reversal, auto deceleration, accelerator pedal inching and hill hold, all of which help to reduce tire and brake wear. Easy access to components helps to simplify service and minimize downtime.



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Hyster products are subject to change with notice.
Trucks may be shown with optional equipment and/or features not available in all regions.

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² Compared to Toyota 8 Series 8FGU25 model

³ 2021 MHI report; <https://www.mhi.org/publications/report>