



Counterbalanced Electric, Pneumatic Tire

J45-70XN Series



J45-70XN SERIES

The J45-70XN is the newest series of electric lift trucks from Hyster Company. These trucks offer numerous advantages in performance and ergonomics that make them one of the most operator-friendly AC-powered lift trucks on the market. The innovative componentry design and “Drop Battery Box” allow the use of pneumatic tires on an electric truck, providing a “Zero Emissions” alternative for 4,500-7,000 pound capacity indoor and outdoor applications.

A newly-designed operator module provides a comfortable and productive operator compartment that features a 20% increase in floor space and a relocated multifunction display for enhanced visibility and load control. A redesigned hood provides full battery service access reducing downtime.

Superior operator comfort and customizable performance, that matches operator skill with individual performance needs, enable the new J45-70XN to give maximum productivity throughout the entire shift.

The new J45-70XN delivers more bottom-line savings by increasing productivity and uptime through the use of AC motors and transistor controller technology for all traction and hydraulic systems, which reduce the frequency and cost of maintenance.

Using cutting-edge componentry and intelligent system design, the J45-70XN operates longer, with minimal downtime. The new J45-70XN series is assembled on a new state-of-the-art assembly line utilizing the latest in manufacturing processes and techniques.

What's New with the J45-70XN Series

- New high thermal capacity AC traction motors
- New Vehicle System Manager
- New increased-efficiency electronic traction and hydraulic controllers
- New electronics, cooling fans and heat sink
- New transmission with upgraded internal components
- New stamped steel hood design
- New front cowl and trim panels
- New AC hydraulic pump & motor standard
- New hydraulic valve
- New hydraulic tank, breather, and dipstick
- New O-Ring Face Seal Fittings (ORFS)
- New LED and Halogen light options
- New electronic horn
- New Multifunction Operator Display
- New CANbus
- New mesh entry step, floor plate, and floor mat
- New Dual Drive Motors
- New “Zero Turn” Steer Axle





Designed for both indoor and outdoor use, the Hyster J45-70XN has all the benefits of an internal combustion truck with lower maintenance needs and no exhaust emissions.

RAISING THE STANDARD FOR LIFT TRUCKS

A Overhead Guard

The unique grid-style pattern improves visibility while protecting operators and strengthening the truck's structure. The front, curved OHG leg design affords greater shoulder clearance for easier operator entry and exit.

B Fatigue-Reducing Operator Compartment

Ergonomically designed operator compartment enhances overall productivity. Features include: increased foot space and optimized step height for easy entry and exit; fully adjustable, full suspension seat (optional) with low whole body vibration levels; infinitely adjustable steering column with optional memory tilt and telescopic steering wheel and low effort e-hydraulic controls. The standard non-suspension seat and optional suspension and swivel seats are all easily adjusted to provide a more customized, comfortable ride.

C LED Lights

Bright and long lasting, the optional LED front and rear working lights and brake/tail/back-up lights rarely need replacing. The plastic lens meets the FDA requirement for use in food applications.

D AC Motors

The brushless AC traction and hydraulic motors, powered by transistor controls, are durable enough to handle your toughest duty cycle, with reduced maintenance costs and enhanced productivity.

E "Drop Battery Box"

The battery sits low in the frame resulting in a lower seating position, making entry and exit from the truck easier and maximizing truck stability and capacity. The new stamped steel hood is designed for durability and protection.

F Hyster Stability Mechanism

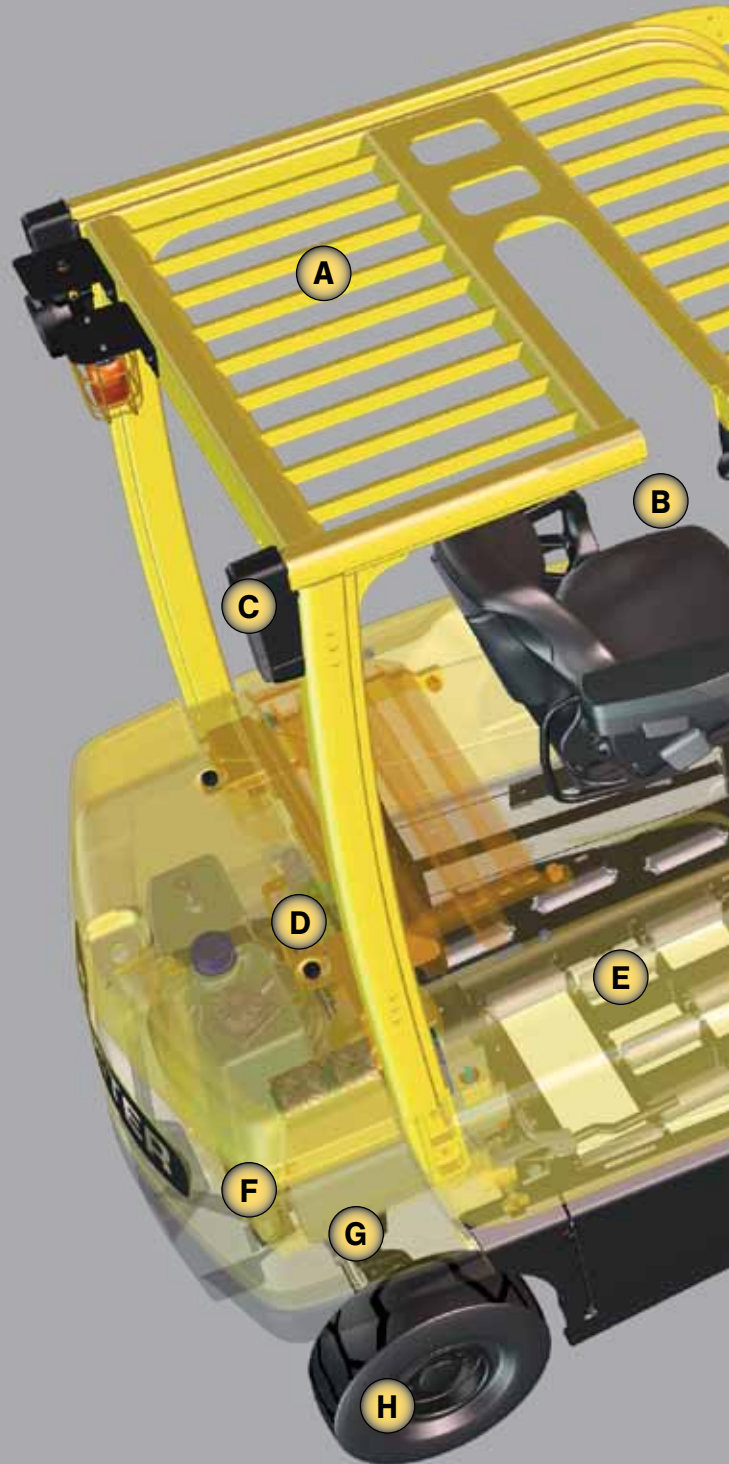
The new stability system reduces truck lean in turns, allowing superior travel over uneven surfaces. The stability system requires no maintenance.

G "Zero Turn" Steer Axle

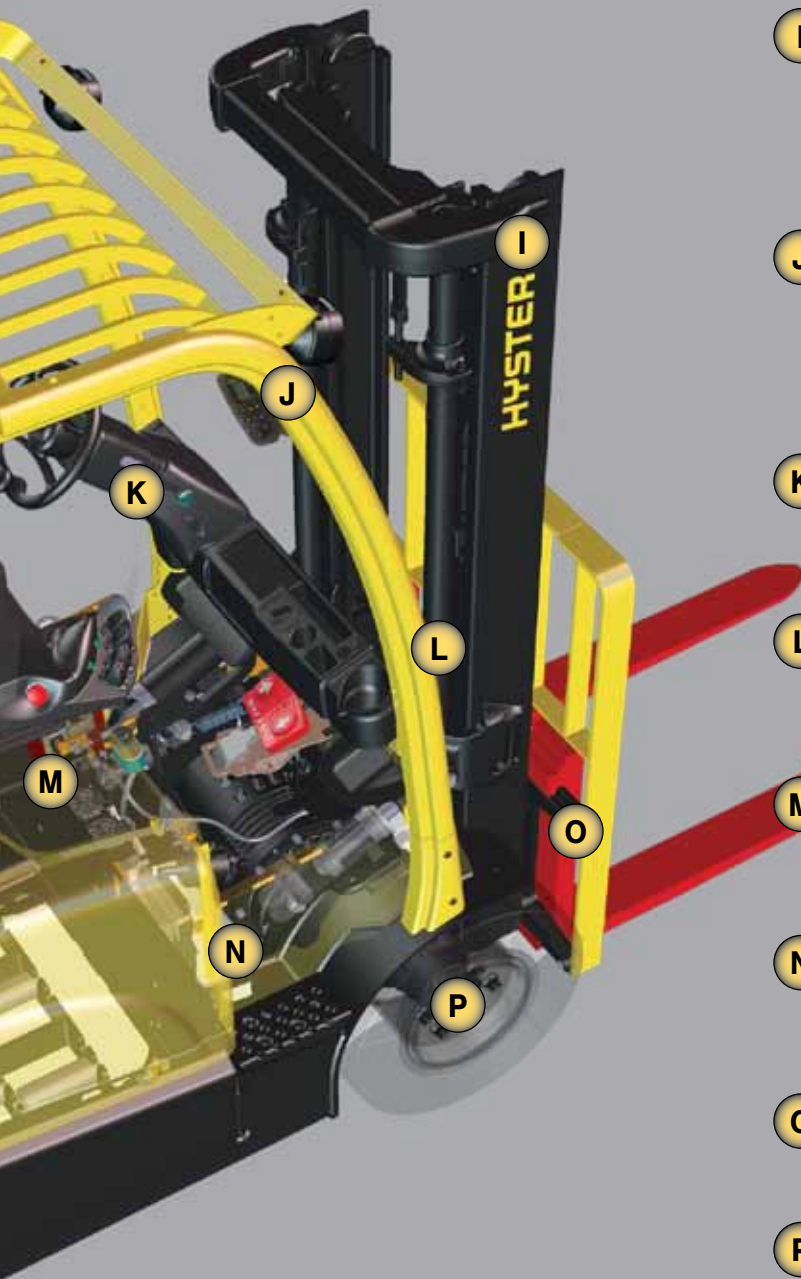
Features advanced turning capability to provide superb maneuverability during operation.

H Pneumatic Tires

The pneumatic tires on the J45-70XN series reduce vibration to provide a smooth, comfortable ride, even over less than ideal surfaces.



J45-70XN

**I Exclusive VISTA® Mast**

High strength hot-rolled steel mast channels and flush-faced design improve capacity retention at high lifts. Compact cast steel cross members optimize visibility and rigidity. Six canted 3-inch full-face load rollers roll on the web and the flange simultaneously, eliminating the need for side thrust rollers or wear plugs.

J Multifunction Display

The location of the multifunction display provides maximum forward visibility and ease of operation. The display does not obstruct the forward view of the operator and is within easy reach of the operator, supervisor or service technician for quick access to truck functions, diagnostics and troubleshooting.

K Tilt Steer Column

The infinitely adjustable tilt steer column with optional telescopic column and tilt memory accommodates all operators easily. Assisted by a gas-spring and an easy-to-reach lever, obtaining your preferred position is simple.

L Hassle-Free Hydraulics

Use of leak-free O-ring face seals helps maximize uptime. In-tank filter increases hydraulic fluid filtration by 60% for particles down to 10 microns, significantly extending component life by creating a cleaner overall operation.

M Pacesetter VSM™

The computer “brain” of these lift trucks manages all vehicle systems to optimize performance, significantly increase overall reliability and enhance diagnostic capability to give maximum uptime.

N Removable Floor Plate

Two-piece steel floor plate and side plates are easily removed to provide instant service access. A thick molded rubber floor mat seals the floor area to reduce noise and vibration for a more comfortable ride.

O Integral Sideshift

The optional Hyster-designed integral sideshift provides excellent visibility and affords greater capacities than carriage-mounted sideshifts.

P Heavy-duty Drive Axle

The full floating design of the drive axle lets the axle housing, not the shafts, carry the weight of the load, enhancing dependability and reliability for a longer service life. Hyster premium oil-cooled wet disc brakes provide smooth stopping with reduced pedal effort as well as long brake life.

Trucks shown with optional equipment.

Hyster Company has an 80-year history of engineering and manufacturing reliable and productive lift trucks. The new Hyster® J45-70XN series continues that legacy with a lift truck that was designed and built to be the most dependable in the marketplace.

World-Class Dependability

- Oil-Cooled Wet Disc Brakes are completely sealed from water and other contaminants for extremely long brake service life.
- Auto Deceleration System extends brake life by automatically slowing the truck through regenerative braking when the accelerator pedal is released.
- Easy-to-use onboard diagnostics through the multifunction display provide fast and accurate troubleshooting for first-time fixes.
- Optional electronic monitoring package reports low fluid level and hydraulic oil filter restrictions.
- The “Zero Turn” radius steer axle and Dual AC Drive Motors combine to provide extraordinary maneuverability in congested areas and narrow aisles. *(Photo A)*
- Optional LED work lights, brake lights, and tail lights resist vibration and rarely need service.
- Unitized frame construction provides excellent durability and stability, boosting driver confidence and enhancing productivity. *(Photo B)*

Hassle-Free Hydraulics

- Leak-free O-ring face seal fittings reduce leaks for enhanced reliability.
- A 10-micron high-performance in-tank filtration system captures 99.5% of hydraulic system debris, significantly extending component life.
- Smart placement of the control valve and hydraulic lines away from heat sources reduces operating temperature, extending the life of seals and hoses for unbeatable reliability.



Industrial Strength Electronics

- CANbus communications network reduces wiring complexity, providing superior dependability.
- Non-mechanical, Hall-Effect sensors and switches are designed to outlast the life of the truck.
- Proven tough, Pacesetter VSM industrial onboard computer manages truck operation to maintain world-class dependability to maximize uptime.
- Double-sealed electrical connectors provide waterproof and contaminant protection.
- Smart, one-way routing path for wire harnesses ensures consistent high-quality assembly while increasing durability and simplifying maintenance when needed.

Thermal Management System

- Large Air Inlet Ports in the rear of the truck are protected, and strategically positioned to provide fresh air intake for controller cooling. *(Photo C)*
- A heat sink is used to draw heat away from the motor controllers. Additional cooling for continual high ambient operation is provided by cooling fans above the heat sink.
- The Hyster-designed thermal management system continuously monitors the J45-70XN series critical truck functions. Upon identifying an irregularity, it protects the componentry by automatically adjusting truck performance.



A. “Zero Turn” Steer Axle



B. Rugged Unitized Frame



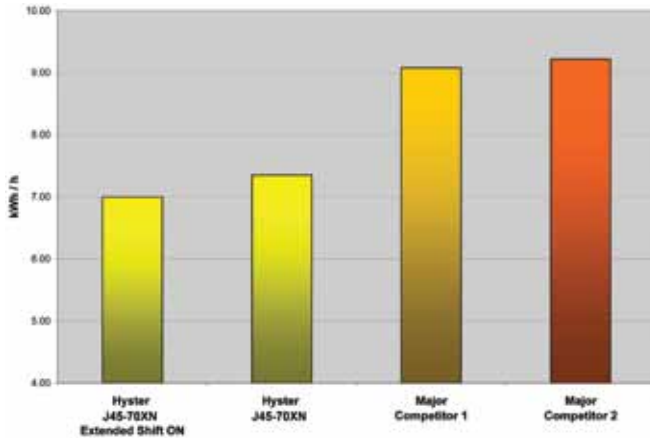
C. Large Air Inlet Ports

The Hyster® J45-70XN series lowers your cost of operations by delivering enhanced productivity, lower energy consumption, advanced dependability, and reduced maintenance costs. The standard AC traction and hydraulic motors set the standard in materials handling, significantly reducing maintenance requirements.

Brushless AC Technology

- Eliminates motor brushes.
- Requires no periodic maintenance.
- Eliminates scheduled downtime and the cost for parts and service.
- Eliminates the service requirements created by brush wear dust.
- Does away with the commutator and its related parts and service costs.

Lowest Energy Consumption



According to the VDI Energy Cycle Standardized Test, the Hyster J45-70XN series provides the lowest energy consumption versus the competition. Better energy utilization saves money and reduces impact on the environment.

Vehicle System Manager

All vehicle systems are managed electronically to optimize performance and significantly increase overall reliability, enhancing diagnostic capabilities to maximize uptime. The Pacesetter VSM (Vehicle System Manager) enables customization of truck performance to suit application needs.

- Communicates with motor controllers and operator display via CANbus
- Monitors truck functions and stores data
- Advanced thermal management and truck diagnostics
- Interfaces Service and Diagnostic Tools
- Interfaces all operator control devices
- Interfaces all on-board sensors



A. Easy Battery Access

Superior Serviceability

- The J45-70XN series utilizes CANbus communications to simplify wiring and improve serviceability.
- State-of-the-art onboard diagnostics reduce repair time and minimize expensive parts swapping.
- Direct access for service is a key element for easier daily checks or service resulting in improved productivity.
- Easy battery access is provided via the gas spring-assisted hood and quick release handle. (Photo A)

Unrestricted service access

- Two-piece floor plate and side plates can be easily removed for access to:
 - Brake fluid reservoir
 - Hydraulic filter
 - Hydraulic valve
 - VSM
 - Tilt Cylinders
- Lift out floor plate requires no tools, for quick and easy daily operator checks.
- Removable side plates provide additional access to all major truck components.

The superior ergonomic design of the new J45-70XN means greater comfort for your operator. Enhanced ergonomics combined with customizable performance characteristics enhance overall productivity and uptime.

Superior Operator Compartment

- Choice of two configurations that employ seat side hydraulic levers or TouchPoint™ mini-levers to provide you unsurpassed, low effort, tactile control of all hydraulic functions.
- 20% Increase in Floor Space – uncluttered floor area promotes operator comfort. *(Photo A)*
- Easy-to-use 3-point entry design of operator compartment uses a large molded hand grip, hip restraint and open anti-slip step with a low step height to minimize muscle/joint strain during entry/exit. *(Photo B)*
- Pneumatic tires offer less vibration over uneven surfaces for a smoother, more comfortable ride.
- Forward placement and angle of pedals provide more operator foot room.
- Placement and size of brake pedal allows actuation with either foot.
- Thickest floormat in the industry provides greater operator comfort.
- The “Drop” Battery Box allows for pneumatic tires on an electric truck which provides a “Zero Emissions” alternative for 4,500-7,000 pound capacity indoor and outdoor applications.
- Seat is rotated 3° to the right for a more natural operating position and the optional full suspension seat offers adjustable weight control, easy fore/aft adjustment, and an adjustable seat back angle for the most comfortable working position. *(Photo C)*

Hydraulic Controls

- Standard Seat Side Mechanical Levers are positioned for maximum operator comfort and offer an optional integrated thumb-actuated directional control switch.
- Optional Electro-Hydraulic Controls with TouchPoint™ mini-levers provide precise fingertip control of all hydraulic functions. An adjustable armrest, mounted on the operator seat, positions the mini-levers in the most comfortable and efficient position. The armrest is cushioned and contoured to provide full forearm support. The hydraulic functions, seat side directional control switch, horn and power disconnect button are all incorporated in the armrest to maximize operator comfort and ease of use. *(Photo D)*



A. Uncluttered Floor Space

Precise, Effortless Operation

- Improved brake pedal layout and the minimal braking requirements of the Auto Deceleration System significantly reduce operator fatigue.
- Rear drive handle (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.
- An infinitely adjustable steer column, and optional telescopic steer column with tilt memory, assures the right fit for any operator. *(Photo E)*
- A choice of 6 different seats enables a more customizable level of operator comfort through its enhanced design and adjustable features.
- Increased shoulder clearance – a result of the redesigned front curved overhead guard leg.
- 20% more floor space gives operators greater foot room.
- The standard 12-inch steering wheel with integrated spinner knob reduces fatigue, provides more knee room, and goes lock-to-lock in just 4 turns for superior efficiency, maneuverability and control.
- Automatic Park Brake automatically applies the park brake when the truck is stationary and releases the park brake when the accelerator pedal is depressed.



B. Easy 3-Point Entry



C. Comfortable Seat



D. Adjustable Armrest



E. Infinitely Adjustable Tilt Steer Column

Increase throughput and sales volume while reducing operating costs. Productivity means moving more of your loads in less time with less cost. The Hyster® J45-70XN series has been proven to be a leader in productivity.

Superior Operator Control

- Exclusive VISTA® Mast provides fast lift and lower speeds combined with superb visibility to make the VISTA® mast the best the industry has to offer. *(Photo A)*
- The optional Hyster-designed integral sideshift provides excellent visibility and affords greater capacities than carriage mounted sideshifts.
- Low effort, ergonomically placed seat side hydraulic levers, with optional thumb-actuated seat side directional control provide operator comfort minimizing fatigue and maximizing productivity.
- Choose from the seat side directional control or the Hyster-exclusive MONOTROL® pedal for quicker, smoother control of travel speed and direction, improving operator efficiency and further enhancing productivity. *(Photo B, Photo C)*
- Infinitely adjustable tilt steer column provides increased comfort and minimizes fatigue.
- On-demand hydrostatic steering provides low effort steering and superior control with reduced noise.
- Power-assisted braking improves brake life while reducing operator effort.
- Multifunction Display, located in the upper right corner of the operator's compartment, offers greater visibility for the operator with a large, LCD backlit screen for easy viewing and indicator icons for at-a-glance system status. *(Photo D)*
 - Battery State of Charge Indicator
 - Low Battery Lift Interrupt Program
 - Hour Meter
 - Performance Mode Indicator
 - Fault Indicator (Audible & Visible)
 - 4 Operator Selectable, Programmable Performance Modes
- The Operator Convenience Station provides industry-leading dash storage area creating a productive work environment for the operator with dedicated storage areas for markers, cell phone, PDA or 2-way radios, gloves, clipboards, pick tickets, beverages, flashlight, box-cutter... a place for almost anything an operator needs. *(Photo E)*



A. Superb Visibility

AC Technology

- Delivers quick and smooth changes in travel direction, offers precise speed control with excellent acceleration, significantly increasing productivity.
- The standard "Extended Shift" feature allows enhanced run time without recharging over longer periods.
- Maintains top speed regardless of load or battery discharge level with enhanced performance on ramps when "Extended Shift" is off.
- AC transistor hydraulic control enables precise load handling with greater efficiency and less noise.
- Hyster-designed thermal management system maximizes performance during continuous operation, while preventing damage to components due to heat.
- The optional PowerPlus Performance Package provides up to a 16% improvement in travel speed and a 26% increase in lift speed.
- An 80 Volt control system is standard on the Hyster J45-70XN providing maximum performance in long-haul applications.

Performance Modes

- Adjustment of customizable performance parameters to match your application needs is accessible via the multifunction display and technician password protection.
- A significant increase in loaded travel speeds and acceleration rates beyond the standard setting is possible when the "Extended Shift" setting is turned off.
- Our standard "Extended Shift" AC controller setting provides the optimum balance between performance needs and battery shift life.

Exceptional Comfort

A choice of weather protection options promotes a comfortable working environment regardless of the conditions. Choose from a full steel cab, or front and top cab panels.



B. Convenient Seat Side Directional



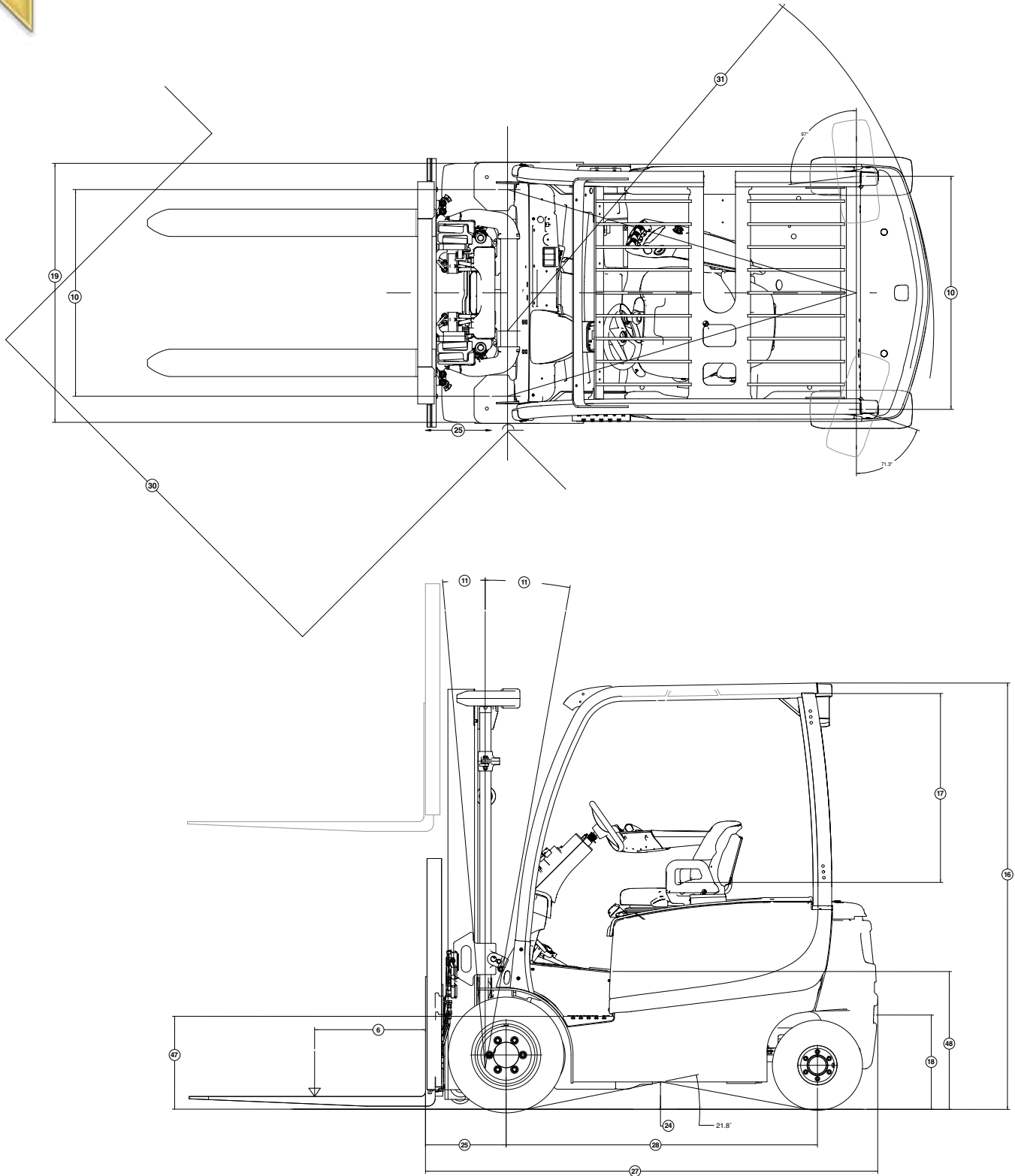
C. Efficient Monotrol Pedal



D. High Visibility Multifunction Display



E. Versatile Operator Convenience Station



Circled dimensions correspond to the line numbers on the tabulated chart inside the Technical Guide. Dimensions are in inches (millimeters).

J45XN SPECIFICATIONS

11

GENERAL	1	Manufacturer		Hyster Company
	2	Model Designation		J45XN
	3	Power/Voltage		Electric / 80 Volts
	4	Operation		Sit
TIRES	5	Rated Capacity	lb. (kg)	4500 (2041)
	6	Load Center	in. (mm)	24 (610)
	7	Tire Type (Std/Opt)		Pneumatic / Pneumatic Shaped Solid
	8	Tire Size (Drive/Steer)	in.	23 x 10 - 12 / 18 x 7 - 8
DIMENSIONS	9	Wheels - Number X=Driven (Drive/Steer)	front/rear	2X / 2
	10	Tread	Ctr. of Tires Std Dr/Wide Dr/Steer	in. (mm) 36.9 / 41.5 / 39.1 (938 / 1054 / 992)
	11	Mast Tilt	Std Opt Opt	degrees 5F / 5B 10F / 5B 5F / 6B
	12	Mast - Lowered Height	Std Mast	in. (mm) 87 (2192)
	13	Free Lift - Top of Fork	Std 2 Stg Limited Free Lift Mast	in. (mm) 5 (140)
			Opt 2 Stg Full Free Lift Mast with/without LBR	in. (mm) 37 / 64 (962 / 1628)
	14	Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast	in. (mm) 133 (3392)
	15	Mast - Extended Height	Std Mast with/without LBR	in. (mm) 182 / 156 (4622 / 3956)
	16	Overhead Guard Height	Without/With Battery Rollers	in. (mm) 86.3 / 90.4 (2193 / 2297)
	17	SIP to Bottom of OHG	Seat Depressed Std/Susp/Swivel	in. (mm) 38.8 / 39.4 / 38.9 (986 / 1001 / 989)
	18	Tow Pin Height	Vertical Center of Pin	in. (mm) 10.3 (262)
	19	Overall Width	Pneumatic Tires Std/Wide Tread	in. (mm) 46.9 / 51.5 (1192 / 1308)
			PSS Tires Std/Wide Tread	in. (mm) 46.2 / 50.7 (1173 / 1289)
	20	Forks	Thickness x Width x Length	in. (mm) 1.6 x 3.9 x 42 (40 x 100 x 1067)
	21	Standard Carriage Width		in. (mm) 42 (1067)
	22	Floor to Top of Battery Rollers		in. (mm) 9.8 (250)
	23	Ground Clearance	Lowest Point (NL/RL)	in. (mm) 3.9 / 3.3 (98 / 83)
	24	Ground Clearance	Center of Truck (NL/RL)	in. (mm) 5.4 / 5.3 (137 / 135)
	25	Load Distance	Center of Wheel to Face of Forks	in. (mm) 15.9 (404)
	26	Battery Compartment	Height without/with Batt. Rollers	in. (mm) 31.2 / 31.2 (792 / 792)
			Width	in. (mm) 40.7 (1034)
			Nominal SIZE	28"
			Length Actual	in. (mm) 28.2 (717)
	27	Length to Face of Forks	Chassis Length	in. (mm) 91.4 (2321)
	28	Wheelbase		in. (mm) 63.2 (1606)
	29	Right Angle Stack		in. (mm) 141.3 (3588)
	30	Equal Aisle	90° Intersecting Aisle	in. (mm) 78 (1982)
WT.	31	Outside Turning Radius		in. (mm) 76 (1931)
	32	Truck Weight	Without Battery (NL)	lb. (kg) 6740 (3057)
	33	Axle Loading - Drive	Static with Max. Wt. Battery (NL/RL)	lb. (kg) 5756 / 13087 (2611 / 5936)
	34	Axle Loading - Steer	Static with Max. Wt. Battery (NL/RL)	lb. (kg) 5121 / 2286 (2323 / 1037)
PERFORMANCE	35	Travel Speed	(NL/RL)	mph (km/h) 11.2 / 11.2 (18 / 18)
	36	Lift Speed	Std 2 Stg LFL Mast (NL/RL)	ft/min (m/sec) 124 / 79 (0.63 / 0.4)
			Opt 2 Stg FFL Mast (NL/RL)	ft/min (m/sec) 124 / 81 (0.63 / 0.41)
			Opt 3 Stg FFL Mast (NL/RL)	ft/min (m/sec) 124 / 79 (0.63 / 0.4)
	37	Lower Speed	Std 2 Stg LFL Mast (NL/RL)	ft/min (m/sec) 100 / 112 (0.51 / 0.57)
			Opt 2 Stg FFL Mast (NL/RL)	ft/min (m/sec) 91 / 102 (0.46 / 0.52)
			Opt 3 Stg FFL Mast (NL/RL)	ft/min (m/sec) 93 / 106 (0.47 / 0.54)
	38	Gradability	5 Minute Rating (NL/RL)	% 39 / 26
			60 Minute Rating (NL/RL)	% 13 / 9
	39	Drawbar Pull	5 Minute Rating (NL/RL)	lbf 4283 / 4057
			60 Minute Rating (NL/RL)	lbf 1298 / 1229
	40	Brake	Method of Control (Service/Parking)	Hydraulic / Mechanical
ELECTRIC			Method of Operation (Service/Parking)	Foot / Automatic
	41	Battery	Type	Lead Acid
	42	Traction Motors (Dual)	60 Minute Rating (Each)	hp (kW) 13.4 (10)
	43	Pump Motor	15 Minute Rating	hp (kW) 21.5 (16)
	44	Traction Motors	Type/Control Method	Dual AC / Transistor
	45	Pump Motor	Type/Control Method	AC / Transistor
OTHER	46	Number of Speeds	Traction/Pump	Infinitely Variable / Infinitely Variable
	47	Step Height		in. (mm) 18.7 (475)
	48	Floor Height	Without/With Battery Rollers	in. (mm) 27.8 / 31.9 (706 / 810)
	49	Attachment Relief Pressure		psi (bar) 2250 (155)
	50	Auxiliary Oil Flow	3rd and 4th Function	gal/min (l/min) 11 (40)
	51	Sound Level	Measured per ANSI B56.11.5	dB (A) 63 65

Above specifications, unless otherwise listed, are for a standard truck without optional equipment.

Right Angle Stack and Equal Intersecting Aisle dimensions provided with a 48" long and 40" wide pallet load, allowing zero clearance.

CERTIFICATION: These Hyster lift trucks meet design specifications of Part II ANSI B56.1-1969, as required by OSHA Section 1910.178(a)(2) and also comply with Part III ANSI B56.1-revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck.

† NOTE: Performance specifications / ratings are for truck equipped as described under Standard Equipment in this Technical Guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature and condition of the operating area. Specifications are subject to change and the proposed application should be discussed with your authorized Hyster Company Dealer.

J50XN SPECIFICATIONS

GENERAL	1	Manufacturer			Hyster Company	
	2	Model Designation			J50XN	
	3	Power/Voltage			Electric / 80 Volts	
	4	Operation			Sit	
TIRES	5	Rated Capacity		lb. (kg)	5000 (2268)	
	6	Load Center		in. (mm)	24 (610)	
	7	Tire Type (Std/Opt)			Pneumatic / Pneumatic Shaped Solid	
	8	Tire Size (Drive/Steer)		in.	23 x 10 - 12 / 18 x 7 - 8	
DIMENSIONS	9	Wheels – Number X=Driven (Drive/Steer)		front/rear	2X / 2	
	10	Tread	Ctr. of Tires	Std Dr/Wide Dr/Steer	in. (mm)	36.9 / 41.5 / 39.1 (938 / 1054 / 992)
	11	Mast Tilt	Std Opt Opt		degrees	5F / 5B 10F / 5B 5F / 6B
	12	Mast - Lowered Height	Std Mast		in. (mm)	87 (2192)
	13	Free Lift - Top of Fork	Std 2 Stg Limited Free Lift Mast		in. (mm)	5 (140)
			Opt 2 Stg Full Free Lift Mast with/without LBR		in. (mm)	37 / 64 (962 / 1628)
	14	Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast		in. (mm)	133 (3392)
	15	Mast - Extended Height	Std Mast with/without LBR		in. (mm)	182 / 156 (4622 / 3956)
	16	Overhead Guard Height	Without/With Battery Rollers		in. (mm)	86.3 / 90.4 (2193 / 2297)
	17	SIP to Bottom of OHG	Seat Depressed	Std/Susp/Swivel	in. (mm)	38.8 / 39.4 / 38.9 (986 / 1001 / 989)
	18	Tow Pin Height	Vertical Center of Pin		in. (mm)	10.3 (262)
	19	Overall Width	Pneumatic Tires	Std/Wide Tread	in. (mm)	46.9 / 51.5 (1192 / 1308)
			PSS Tires	Std/Wide Tread	in. (mm)	46.2 / 50.7 (1173 / 1289)
	20	Forks	Thickness x Width x Length		in. (mm)	1.6 x 3.9 x 42 (40 x 100 x 1067)
	21	Standard Carriage Width			in. (mm)	42 (1067)
	22	Floor to Top of Battery Rollers			in. (mm)	9.8 (250)
	23	Ground Clearance	Lowest Point (NL/RL)		in. (mm)	3.9 / 3.3 (98 / 83)
	24	Ground Clearance	Center of Truck (NL/RL)		in. (mm)	5.4 / 5.3 (137 / 134)
	25	Load Distance	Center of Wheel to Face of Forks		in. (mm)	15.9 (404)
	26	Battery Compartment	Height	without/with Batt. Rollers	in. (mm)	31.2 / 31.2 (792 / 792)
			Width		in. (mm)	40.7 (1034)
				Nominal	SIZE	28" 34"
			Length	Actual	in. (mm)	28.2 (717) 33.9 (861)
	27	Length to Face of Forks	Chassis Length		in. (mm)	91.4 (2321) 97 (2465)
	28	Wheelbase			in. (mm)	63.2 (1606) 68.9 (1750)
	29	Right Angle Stack			in. (mm)	141.3 (3588) 146.7 (3727)
	30	Equal Aisle	90° Intersecting Aisle		in. (mm)	78 (1982) 80.5 (2045)
WT.	31	Outside Turning Radius		in. (mm)	76 (1931) 81.6 (2073)	
	32	Truck Weight	Without Battery (NL)	lb. (kg)	6673 (3027) 7092 (3217)	
	33	Axle Loading - Drive	Static with Max. Wt. Battery (NL/RL)		lb. (kg) 5681 / 13834 (2577 / 6275) 6563 / 14061 (2977 / 6378)	
	34	Axle Loading - Steer	Static with Max. Wt. Battery (NL/RL)		lb. (kg) 5130 / 1980 (2327 / 898) 5844 / 2954 (2651 / 1340)	
PERFORMANCE					Standard Performance PowerPlus Performance	
	35	Travel Speed	(NL/RL)	mph (km/h)	11.2 / 11.2 (18 / 18) 13 / 13 (21 / 21)	
	36	Lift Speed	Std 2 Stg LFL Mast (NL/RL)	ft/min (m/sec)	124 / 75 (0.63 / 0.38) 142 / 96 (0.72 / 0.49)	
			Opt 2 Stg FFL Mast (NL/RL)	ft/min (m/sec)	124 / 77 (0.63 / 0.39) 130 / 93 (0.66 / 0.47)	
			Opt 3 Stg FFL Mast (NL/RL)	ft/min (m/sec)	124 / 77 (0.63 / 0.39) 134 / 94 (0.68 / 0.48)	
	37	Lower Speed	Std 2 Stg LFL Mast (NL/RL)	ft/min (m/sec)	100 / 112 (0.51 / 0.57)	
			Opt 2 Stg FFL Mast (NL/RL)	ft/min (m/sec)	91 / 106 (0.46 / 0.54)	
			Opt 3 Stg FFL Mast (NL/RL)	ft/min (m/sec)	93 / 108 (0.47 / 0.55)	
	38	Gradability	5 Minute Rating (NL/RL)	%	35 / 24 38 / 26	
			60 Minute Rating (NL/RL)	%	12 / 8 13 / 9	
	39	Drawbar Pull	5 Minute Rating (NL/RL)	lbf	4248 / 4148 4588 / 4480	
			60 Minute Rating (NL/RL)	lbf	1287 / 1257 1390 / 1357	
ELECTRIC	40	Brake	Method of Control (Service/Parking)		Hydraulic / Mechanical	
			Method of Operation (Service/Parking)		Foot / Automatic	
	41	Battery	Type		Lead Acid	
	42	Traction Motors (Dual)	60 Minute Rating (Each)		hp (kW) 13.4 (10) 13.4 (10)	
OTHER	43	Pump Motor	15 Minute Rating		hp (kW) 21.5 (16) 32.2 (24)	
	44	Traction Motors	Type/Control Method		Dual AC / Transistor	
	45	Pump Motor	Type/Control Method		AC / Transistor	
	46	Number of Speeds	Traction/Pump		Infinitely Variable / Infinitely Variable	
	47	Step Height		in. (mm)	18.7 (475)	
	48	Floor Height	Without/With Battery Rollers		in. (mm) 27.8 / 31.9 (706 / 810)	
	49	Attachment Relief Pressure		psi (bar)	2250 (155)	
	Auxiliary Oil Flow	3rd and 4th Function		gal/min (l/min) 11 (40)		
	Sound Level	Measured per ANSI B56.11.5		dB (A) 63 65		

Above specifications, unless otherwise listed, are for a standard truck without optional equipment.

Right Angle Stack and Equal Intersecting Aisle dimensions provided with a 48" long and 40" wide pallet load, allowing zero clearance.

CERTIFICATION: These Hyster lift trucks meet design specifications of Part II ANSI B56.1-1969, as required by OSHA Section 1910.178(a)(2) and also comply with Part III ANSI B56.1-revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck.

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J60XN SPECIFICATIONS

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GENERAL	1	Manufacturer			Hyster Company	
	2	Model Designation			J060XN	
	3	Power/Voltage			Electric / 80 Volts	
	4	Operation			Sit	
TIRES	5	Rated Capacity		lb. (kg)	6000 (2722)	
	6	Load Center		in. (mm)	24 (610)	
	7	Tire Type (Std/Opt)			Pneumatic / Pneumatic Shaped Solid	
	8	Tire Size (Drive/Steer)		in.	23 x 10 - 12 / 18 x 7 - 8	
DIMENSIONS	9	Wheels - Number X=Driven (Drive/Steer)		front/rear	2X / 2	
	10	Tread	Ctr. of Tires	Std Dr/Wide Dr/Steer	in. (mm)	36.9 / 41.5 / 39.1 (938 / 1054 / 992)
	11	Mast Tilt	Std Opt Opt		degrees	5F / 5B 10F / 5B 5F / 6B
	12	Mast - Lowered Height	Std Mast		in. (mm)	87 (2192)
	13	Free Lift - Top of Fork	Std 2 Stg Limited Free Lift Mast		in. (mm)	5 (140)
			Opt 2 Stg Full Free Lift Mast with/without LBR		in. (mm)	37 / 60 (957 / 1540)
	14	Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast		in. (mm)	126 (3209)
	15	Mast - Extended Height	Std Mast with/without LBR		in. (mm)	175 / 153 (4444 / 3861)
	16	Overhead Guard Height	Without/With Battery Rollers		in. (mm)	86.3 / 90.4 (2193 / 2297)
	17	SIP to Bottom of OHG	Seat Depressed	Std/Susp/Swivel	in. (mm)	38.8 / 39.4 / 38.9 (986 / 1001 / 989)
	18	Tow Pin Height	Vertical Center of Pin		in. (mm)	10.3 (262)
	19	Overall Width	Pneumatic Tires	Std/Wide Tread	in. (mm)	46.9 / 51.5 (1192 / 1308)
	PSS Tires		Std/Wide Tread	in. (mm)	46.2 / 50.7 (1173 / 1289)	
	20	Forks	Thickness x Width x Length		in. (mm)	2 x 4.9 x 42 (50 x 125 x 1067)
	21	Standard Carriage Width			in. (mm)	42 (1067)
	22	Floor to Top of Battery Rollers			in. (mm)	9.8 (250)
	23	Ground Clearance	Lowest Point (NL/RL)		in. (mm)	3.9 / 3.3 (98 / 83)
	24	Ground Clearance	Center of Truck (NL/RL)		in. (mm)	5.4 / 5.3 (137 / 134)
	25	Load Distance	Center of Wheel to Face of Forks		in. (mm)	16.4 (416)
	26	Battery Compartment	Height	without/with Batt. Rollers	in. (mm)	31.2 / 31.2 (792 / 792)
			Width		in. (mm)	40.7 (1034)
				Nominal	SIZE	34
			Length	Actual	in. (mm)	33.9 (861)
	27	Length to Face of Forks	Chassis Length		in. (mm)	97 (2465)
	28	Wheelbase			in. (mm)	68.9 (1750)
	29	Right Angle Stack			in. (mm)	146.7 (3727)
	30	Equal Aisle	90 ° Intersecting Aisle		in. (mm)	80.5 (2045)
	31	Outside Turning Radius			in. (mm)	81.6 (2073)
	32	Truck Weight	Without Battery (NL)		lb. (kg)	7143 (3240)
	33	Axle Loading - Drive	Static with Max. Wt. Battery (NL/RL)		lb. (kg)	6228 / 14919 (2825 / 6767)
	34	Axle Loading - Steer	Static with Max. Wt. Battery (NL/RL)		lb. (kg)	5838 / 2648 (2648 / 1201)
	WT.					Standard Performance
35		Travel Speed	(NL/RL)	mph (km/h)	11.2 / 10.6 (18 / 17)	13 / 12.1 (21 / 19.5)
36		Lift Speed	Std 2 Stg LFL Mast (NL/RL)	ft/min (m/sec)	116 / 65 (0.59 / 0.33)	124 / 83 (0.63 / 0.42)
			Opt 2 Stg FFL Mast (NL/RL)	ft/min (m/sec)	108 / 65 (0.55 / 0.33)	116 / 81 (0.59 / 0.41)
			Opt 3 Stg FFL Mast (NL/RL)	ft/min (m/sec)	112 / 65 (0.57 / 0.33)	118 / 81 (0.6 / 0.41)
37		Lower Speed	Std 2 Stg LFL Mast (NL/RL)	ft/min (m/sec)	91 / 110 (0.46 / 0.56)	
			Opt 2 Stg FFL Mast (NL/RL)	ft/min (m/sec)	73 / 102 (0.37 / 0.52)	
			Opt 3 Stg FFL Mast (NL/RL)	ft/min (m/sec)	79 / 104 (0.4 / 0.53)	
PERFORMANCE	38	Gradability	5 Minute Rating (NL/RL)	%	34 / 22	37 / 24
			60 Minute Rating (NL/RL)	%	11 / 7	12 / 8
	39	Drawbar Pull	5 Minute Rating (NL/RL)	lbf	4146 / 4037	4477 / 4360
			60 Minute Rating (NL/RL)	lbf	1256 / 1223	1357 / 1321
	40	Brake	Method of Control (Service/Parking)		Hydraulic / Mechanical	
			Method of Operation (Service/Parking)		Foot / Automatic	
ELECTRIC	41	Battery	Type		Lead Acid	
	42	Traction Motors (Dual)	60 Minute Rating (Each)	hp (kW)	13.4 (10)	13.4 (10)
	43	Pump Motor	15 Minute Rating	hp (kW)	21.5 (16)	32.2 (24)
	44	Traction Motors	Type/Control Method		Dual AC / Transistor	
OTHER	45	Pump Motor	Type/Control Method		AC / Transistor	
	46	Number of Speeds	Traction/Pump		Infinitely Variable / Infinitely Variable	
	47	Step Height		in. (mm)	18.7 (475)	
	48	Floor Height	Without/With Battery Rollers	in. (mm)	27.8 / 31.9 (706 / 810)	
	49	Attachment Relief Pressure		psi (bar)	2250 (155)	
	50	Auxiliary Oil Flow	3rd and 4th Function	gal/min (l/min)	11 (40)	
	51	Sound Level	Measured per ANSI B56.11.5	dB (A)	63	65

Above specifications, unless otherwise listed, are for a standard truck without optional equipment.

Right Angle Stack and Equal Intersecting Aisle dimensions provided with a 48" long and 40" wide pallet load, allowing zero clearance.

CERTIFICATION: These Hyster lift trucks meet design specifications of Part II ANSI B56.1-1969, as required by OSHA Section 1910.178(a)(2) and also comply with Part III ANSI B56.1-revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck.

† NOTE: Performance specifications / ratings are for truck equipped as described under Standard Equipment in this Technical Guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature and condition of the operating area. Specifications are subject to change and the proposed application should be discussed with your authorized Hyster Company Dealer.

J70XN SPECIFICATIONS

GENERAL	1	Manufacturer		Hyster Company
	2	Model Designation		J70XN
	3	Power/Voltage		Electric / 80 Volts
	4	Operation		Sit
TIRES	5	Rated Capacity	lb. (kg)	7000 (3175)
	6	Load Center	in. (mm)	24 (610)
	7	Tire Type (Std/Opt)		Pneumatic / Pneumatic Shaped Solid
	8	Tire Size (Drive/Steer)	in.	23 x 10 - 12 / 18 x 7 - 8
DIMENSIONS	9	Wheels - Number X=Driven (Drive/Steer)	front/rear	2X / 2
	10	Tread	Ctr. of Tires	Std Dr/Wide Dr/Steer
	11	Mast Tilt	Std Opt Opt	degrees
	12	Mast - Lowered Height	Std Mast	in. (mm)
	13	Free Lift - Top of Fork	Std 2 Stg Limited Free Lift Mast	in. (mm)
	14	Lift Height - Top of Fork	Opt 2 Stg Full Free Lift Mast with/without LBR	in. (mm)
	15	Mast - Extended Height	Std Mast with/without LBR	in. (mm)
	16	Overhead Guard Height	Without/With Battery Rollers	in. (mm)
	17	SIP to Bottom of OHG	Seat Depressed	Std/Susp/Swivel
	18	Tow Pin Height	Vertical Center of Pin	in. (mm)
	19	Overall Width	Pneumatic Tires	Std/Wide Tread
	20	Forks	PSS Tires	Std/Wide Tread
	21	Standard Carriage Width	Thickness x Width x Length	in. (mm)
	22	Floor to Top of Battery Rollers		in. (mm)
	23	Ground Clearance	Lowest Point (NL/RL)	in. (mm)
	24	Ground Clearance	Center of Truck (NL/RL)	in. (mm)
	25	Load Distance	Center of Wheel to Face of Forks	in. (mm)
	26	Battery Compartment	Height	without/with Batt. Rollers
	27		Width	in. (mm)
	28		Nominal	SIZE
	29		Length	Actual
	30	Length to Face of Forks	Chassis Length	in. (mm)
	31	Wheelbase		in. (mm)
	32	Right Angle Stack		in. (mm)
	33	Equal Aisle	90° Intersecting Aisle	in. (mm)
	34	Outside Turning Radius		in. (mm)
WT.	35	Truck Weight	Without Battery (NL)	lb. (kg)
	36	Axle Loading - Drive	Static with Max. Wt. Battery (NL/RL)	lb. (kg)
	37	Axle Loading - Steer	Static with Max. Wt. Battery (NL/RL)	lb. (kg)
	38			
PERFORMANCE	39	Travel Speed	(NL/RL)	mph (km/h)
	40	Lift Speed	Std 2 Stg LFL Mast (NL/RL)	ft/min (m/sec)
	41		Opt 2 Stg FFL Mast (NL/RL)	ft/min (m/sec)
	42		Opt 3 Stg FFL Mast (NL/RL)	ft/min (m/sec)
	43	Lower Speed	Std 2 Stg LFL Mast (NL/RL)	ft/min (m/sec)
	44		Opt 2 Stg FFL Mast (NL/RL)	ft/min (m/sec)
	45		Opt 3 Stg FFL Mast (NL/RL)	ft/min (m/sec)
	46	Gradability	5 Minute Rating (NL/RL)	%
	47		60 Minute Rating (NL/RL)	%
	48	Drawbar Pull	5 Minute Rating (NL/RL)	lbf
	49		60 Minute Rating (NL/RL)	lbf
	50	Brake	Method of Control (Service/Parking)	
ELECTRIC	51	Battery	Type	
	52	Traction Motors (Dual)	60 Minute Rating (Each)	hp (kW)
	53	Pump Motor	15 Minute Rating	hp (kW)
	54	Traction Motors	Type/Control Method	
	55	Pump Motor	Type/Control Method	
	56	Number of Speeds	Traction/Pump	
	57	Step Height		in. (mm)
	58	Floor Height	Without/With Battery Rollers	in. (mm)
OTHER	59	Attachment Relief Pressure		psi (bar)
	60	Auxiliary Oil Flow	3rd and 4th Function	gal/min (l/min)
	61	Sound Level	Measured per ANSI B56.11.5	dB (A)

Above specifications, unless otherwise listed, are for a standard truck without optional equipment.

Right Angle Stack and Equal Intersecting Aisle dimensions provided with a 48" long and 40" wide pallet load, allowing zero clearance.

CERTIFICATION: These Hyster lift trucks meet design specifications of Part II ANSI B56.1-1969, as required by OSHA Section 1910.178(a)(2) and also comply with Part III ANSI B56.1-revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck.

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MAST DIMENSIONS/BATTERY SPECIFICATIONS

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J45-50XN MAST DIMENSIONS

Maximum Fork Height (TOF)	Overall Lowered Ht.	Overall Extended Height w/Load Backrest	Overall Extended Height w/o Load Backrest	Free-Lift (TOF) w/Load Backrest	Free-Lift (TOF) w/o Load Backrest	Truck Weight	
in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	J45XN	J50XN
2-STAGE LIMITED FREE-LIFT (LFL) VISTA® MAST							
133 (3392)	87 (2192)	182 (4622)	156 (3956)	5 (140)	5 (140)	6305	6305
141 (3592)	91 (2292)	190 (4822)	164 (4156)	5 (140)	5 (140)	6335	6335
2-STAGE FULL FREE-LIFT (FFL) VISTA® MAST							
133 (3402)	87 (2192)	183 (4632)	157 (3966)	37 (962)	64 (1628)	6350	6350
141 (3602)	91 (2292)	191 (4832)	164 (4166)	41 (1062)	68 (1728)	6380	6380
3-STAGE FULL FREE-LIFT (FFL) VISTA® MAST							
183 (4650)	81 (2042)	232 (5880)	205 (5196)	32 (812)	58 (1496)	6645	6645
189 (4800)	83 (2092)	238 (6030)	211 (5346)	33 (862)	60 (1546)	6665	6665
194 (4950)	85 (2142)	244 (6180)	217 (5496)	35 (912)	62 (1596)	6690	6690
200 (5100)	89 (2242)	250 (6330)	223 (5646)	39 (1012)	66 (1696)	6735	6735
206 (5250)	91 (2292)	256 (6480)	229 (5796)	41 (1062)	68 (1746)	6765	6765
212 (5400)	93 (2342)	261 (6630)	235 (5946)	43 (1112)	70 (1796)	6790	6790

J60-70XN MAST DIMENSIONS

Maximum Fork Height (TOF)	Overall Lowered Ht.	Overall Extended Height w/Load Backrest	Overall Extended Height w/o Load Backrest	Free-Lift (TOF) w/Load Backrest	Free-Lift (TOF) w/o Load Backrest	Truck Weight	
in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	J60XN	J70XN
2-STAGE LIMITED FREE-LIFT (LFL) VISTA® MAST							
126 (3209)	87 (2192)	175 (4444)	152 (3861)	5 (150)	5 (150)	6655	7345
134 (3409)	91 (2292)	183 (4644)	160 (4061)	5 (150)	5 (150)	6690	7380
2-STAGE FULL FREE-LIFT (FFL) VISTA® MAST							
126 (3210)	87 (2192)	175 (4445)	152 (3862)	37 (957)	60 (1540)	6700	7390
134 (3410)	91 (2292)	183 (4645)	160 (4062)	41 (1057)	64 (1640)	6730	7420
3-STAGE FULL FREE-LIFT (FFL) VISTA® MAST							
181 (4618)	85 (2142)	231 (5853)	207 (5252)	35 (907)	59 (1508)	7030	7720
187 (4768)	89 (2242)	237 (6003)	213 (5402)	39 (1007)	63 (1608)	7085	7775
193 (4918)	91 (2292)	243 (6153)	219 (5552)	41 (1057)	65 (1658)	7105	7795
205 (5218)	95 (2392)	255 (6453)	231 (5852)	45 (1157)	69 (1758)	7160	7850
217 (5518)	101 (2542)	266 (6753)	243 (6152)	51 (1307)	75 (1908)	7340	8030

BATTERY AND COMPARTMENT SPECIFICATIONS

Model	Compartment Size			Battery Specifications								
				Electrical				Size			Weight	
	W in (mm)	L in (mm)	H in (mm)	Volts	No. of cells	Plates per cell	Max Amp Hr (kWh)	"X" Max in (mm)	"Y" Max in (mm)	"Z" Max in (mm)	Min lbs (kg)	Max lbs (kg)
J45-50XN 28" Compartment	40.7 (1034)	28.2 (717)	31.2 (792)	80	40	9	1000 (77.6)	40.5 (1028)	28 (711)	30.9 (784)	3700 (1686)	4100 (1878)
J50-70XN 34" Compartment	40.7 (1034)	33.9 (861)	31.2 (792)	80	40	11	1000 (77.6)	40.5 (1028)	33.7 (855)	30.9 (784)	4500 (2021)	4900 (2233)

Battery Connector: 320 Amp - Type "E" 80 Volt = Black
 Battery Lead: Length 20" (508 mm), Position "A", 2/0 AWG



STANDARD EQUIPMENT

- 2-Stage Limited Free Lift (LFL) VISTA® Mast with Maximum Fork Height of 133" (3392mm) (J45-50XN) or 126" (3209mm) (J60-70XN)
- 5° Forward and 5° Back Mast Tilt
- 42" (1067mm) Wide Class II (J45-50XN) or Class III (J60-70XN) Hook-type Carriage with 48" (1219mm) High Load Backrest Extension
- 42" (1067mm) Long Forks
- Pneumatic Drive Tire and Steer Tire
- Battery Compartment Size
 - 28" for the J45-50XN
 - 34" for the J60-70XN
- Lift Out Battery Extraction
- 80 Volt Electrical System
- Standard Performance
- Standard Construction
- Dual Drive Motors
- Oil-Cooled Wet Disc Brakes
- UL Classification Type "E"
- 12" Steering Wheel with Integral Spinner Knob
- Non-Suspension Vinyl Seat
- Automatic Park Brake
- Key Switch Start
- 86.3" Grid Style Overhead Guard
- MONOTROL™ Foot Direction Control
- 3 Function Hydraulic Control Valve with Seat Side Mechanical Levers
- AC Traction and Pump Motors (Completely Brushless)
- Transistor Drive and Pump Control
- Advanced VSM (Vehicle System Manager)
- Progressive Thermal Management System
- Fully Integrated CANbus Communication
- On-Demand Power Steering
- Hyster Stability Mechanism™
- Power Assist Braking
- ADS (Auto Deceleration System) with Regenerative Braking
- "Zero Turn" Steer Axle
- Multifunction Display
 - Battery State of Charge with Low Battery Lift Interrupt
 - Hour Meter
 - Performance Mode Indicator
 - Fault Indicator (Audible & Visible)
 - 4 Operator Selectable, Programmable Performance Modes
- Easy Ingress / Egress with Low Step Height and Contoured Handhold
- Operator Convenience Station - Storage Areas, Beverage & Clipboard Holders
- Adjustable Tilt Steering Column with Low Profile Cowl for Excellent Visibility
- Operator Presence System (OPS)
- Anti Cinch Operator Restraint System
- Cushioned Floormat
- Static Strap
- Tow Pin
- Seaside Power Disconnect Button
- Battery Side Covers
- On-Board Software
 - Program, Test & Diagnose
 - Password Protected
- Electronic Horn with Integral Relay (Long Life / No Adjustments)
- 24 Month / 4,000 Hour Powertrain Warranty
- 12 Month / 2,000 Hour Full Truck Warranty
- Operating Manual

OPTIONAL EQUIPMENT

- Side Extraction Battery Removal with Rollers
- 34" Battery Compartment for the J50XN
- PowerPlus Performance
- UL Classification Type "EE"
- Available with 2-stage Limited Free Lift (LFL) and 2- or 3-stage Full Free Lift (FFL) VISTA® Masts
- Carriage with Integral Sideshift
- Mast Tilt Option – 10° Forward / 5° Back
- Mast Tilt Option – 5° Forward / 6° Back
- Return to Set Tilt
- Accumulator
- TouchPoint™ Hydraulic Mini-Levers with Fully Adjustable Armrest
- 4 Function Hydraulic Control Valve
- Solid Pneumatic Tires
- Wide Tread Tires
- Non-Suspension Seat (Cloth)
- Full Suspension Seat (Vinyl or Cloth)
- Swivel Seat, Full Suspension (Vinyl or Cloth)
- Full Steel Cab:
 - Includes Front Panel with Wiper/Washer, Rear Panel with Wiper/Washer, Steel Doors, Top Panel with Headliner and Dome Light
- Front and Top Cab Panels:
 - Includes Front Panel with Wiper/Washer and Top Panel
- Keyless Start (with Auxiliary Key Switch)
- Seat Side Directional Control
- Telescopic Steering Column with Tilt Memory
- Various Light Packages:
 - Halogen Glass Lens Work Lights
 - a. Full Light Package - 2) Front & 1) Rear Work Lights with 2) LED Brake / Tail / Back-Up
 - b. 2) Front & 1) Rear Work Lights
 - LED Plastic Lens Work Lights
 - a. Full LED Light Package - 2) Front LED Wk Lights & 1) Rear LED Wk Light with 2) LED Brake / Tail / Back-Up
 - b. 2) Front & 1) Rear LED Work Lights
 - Brake and Tail Lights
 - a. 2) LED Brake / Tail / Back-Up
 - LED Dome / Reading Light
- Audible Reverse Activated Alarm
- Visible Amber Strobe Light - Continuous Activated, Overhead Guard Mounted
- Rear Drive Handle with Integrated Horn Button
- Mirrors – Rear View or Panoramic
- Load Weight Indicator
- Impact Monitor
- Operator Password
- Operator Daily Checklist
- System Monitor – Hydraulic Low Fluid Level Indicator and Hydraulic Filter Service Indicator
- Hydraulic Attachment Extension Tubes with or without Quick Disconnect Fittings
- Fire Extinguisher – 2.5 lb. Dry Chemical



It's not just about the lift trucks.

Any company worth its weight knows success has just as much to do with the support before and after the sale as the sale itself. We pride ourselves on being more than just a lift truck manufacturer. Through our Dealer Network, we're also fleet managers, parts suppliers, capital procurement specialists and trainers. You'll find that when it comes to service, we do it all.

Hyster Fleet Services

As much as we'd like for your entire fleet to be Hyster, we know that's not always the case. But just because you also operate other brands doesn't mean we can't manage your lift truck maintenance and replacement plan. We can analyze your current fleet or provide summary of your fleet history and a cost-effective proposal for replacement and scheduled maintenance of all your vehicles. Once this initial review is complete, we'll continue to monitor your fleet to ensure it's performing optimally.

UNISOURCE™ Parts Program

In addition to providing fleet management for a variety of brands, we can also serve as your source of parts for all your lift trucks. With the Hyster UNISOURCE parts and service program, we offer approximately 2 million part number crosses for most brands of materials handling and other in-plant mobile equipment. UNISOURCE also has remanufactured parts that provide the same quality and guarantee but at a lower price. And we can deliver parts to you in less than 24 hours, any day of the week. How's that for convenience?

Rental Products

At Hyster Company, we're always looking for ways to help you keep your productivity up. Through the Hyster Dealer Network, you can access rental equipment for the times when leasing or buying isn't a practical option. Your local Hyster Dealer has access to over 14,000 units that are available for short- or long-term rental. Whether you need one truck to substitute for a vehicle that's being serviced or several lift trucks to accommodate seasonal changes in your business, we'll help you maintain output in a cost-effective manner.

Hyster Capital

We know that financing new additions to your fleet can sometimes be challenging. That's why your Hyster Dealer has a long list of ways for you to fund your purchase. We are skilled in arranging 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 better service and competitive rates, ensuring you receive the value you deserve.

Special Products

Engineering Department (SPED)

In a perfect world, every application could be handled with a standard lift truck. However, in the real world, different materials require different handling. That's why Hyster Company's Special Products Engineering Department works with you to customize* your lift trucks. From strobe lights to specially made forks, SPED can provide you with the tools you require to get the job done right.

** May be subject to an additional charge. Contact your local authorized Hyster Dealer for more information.*

Automated Warehouse Solutions

As society's technological capabilities advance, we strive to find practical applications. One of our most recent innovations in that pursuit is our development of automated warehouse solutions. We can help you determine if your operation would benefit from this type of system, which improves inventory accuracy, warehouse productivity and safety records, as it reduces maintenance and overtime.

Operator and Service Training


Hyster Company recognizes that proper training is a key element of a profitable company. That's why your local authorized Hyster Dealer offers a training program for your lift truck operators as well as those who maintain your vehicles. Proper education in running and servicing lift trucks cuts down on the number of repairs and risk of injuries due to accidents while increasing productivity. All of our trainers are professionals with experience in materials handling.





Hyster Company
P.O. Box 7006
Greenville, North Carolina
27835-7006
Part No. J45-70XN/BTG
6/2010 Litho in U.S.A.

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