



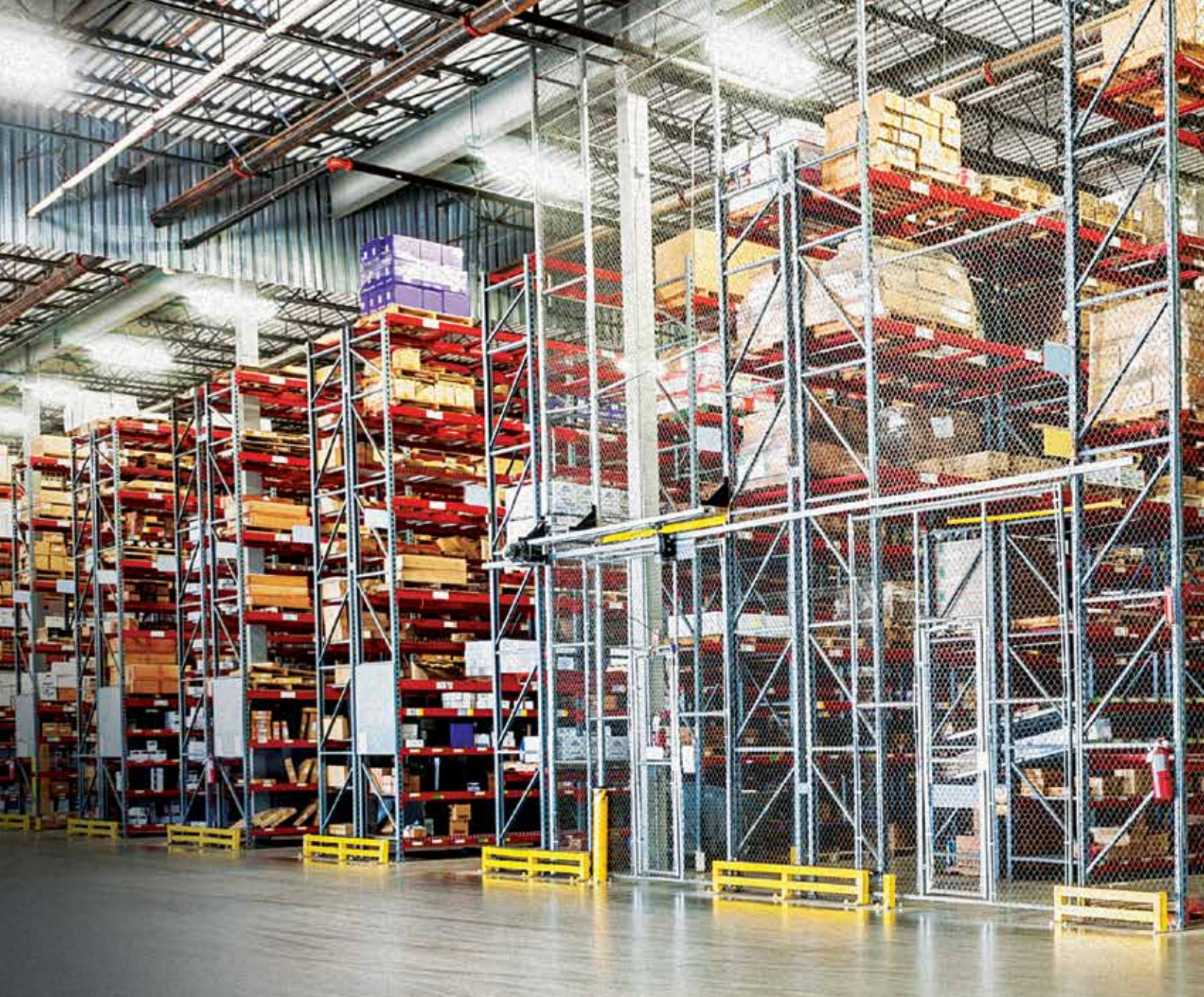
**STRONG PARTNERS.
TOUGH TRUCKS.™**



B60Z^{AC} SERIES

WALKIE/RIDER MOTORIZED HAND PALLET TRUCK

WWW.HYSTER.COM



NEED TO MOVE MORE LOADS WITH LESS EFFORT?

The B60Z^{AC} series of hand pallet trucks helps you work smarter with exceptional maneuverability and features that let you move more loads with less effort. A versatile truck designed for indoor use, this truck is ideally suited for a wide variety of applications such as grocery stores, department stores, fresh fruits and vegetables, general warehousing & storage, bottled & canned soft drinks.



➤ CAN YOU DEPEND ON YOUR LIFT TRUCK – LOAD AFTER LOAD?

The B60Z^{AC} sets the standard for long-lasting, worry free operation. Every detail is designed by Hyster engineers to make sure you can always deliver – and never get left holding the load.

- CANbus communication system significantly reduces the number of wires required in the electrical system, and links the control handle, display, controller and optional Power Assist Steer together.
- Steel, reinforced control handle is durable, impact resistant and easy to service.
- Electro-mechanical brake has no linkage to adjust and maintain.
- AC traction transistor controller provides improved torque, increased travel speeds and allows smoother acceleration and directional changes..
- Integrated transistor pump control provides a “soft start” feature by eliminating the high in-rush current associated with contactors and, therefore, extends the service life of the pump motor.
- The AC system uses less energy than SEM systems, increasing overall truck performance while decreasing battery charge intervals enable the truck to be tailored to the application or operator skill level.
- All wire harness connectors feature double sealed industrial type connections, which prevent moisture and other contaminants from entering the connector.
- Auto Deceleration System utilizes regenerative braking, extending brake component life and reducing downtime.

THESE HYSTER® TRUCKS EXCEL IN EXTREME CONDITIONS.

In cold room and freezer applications, your workers can keep warm by putting on a jacket or gloves. Your pallet trucks require a lot more protection. That’s why the Hyster® B60Z^{AC} forklift comes with three application/environmental package options for low-temperature applications.

- Standard Construction Package: is designed to operate in applications with temperature ranges from +32°F to +120°F
- The Cooler/Freezer Package is designed to operate in applications with temperature ranges from 0°F to +120°F.
- The subZERO Freezer Package is designed to operate in applications with temperature ranges from -40°F to +120°F.



ALL TRUCKS NEED SERVICING — WE MAKE IT EASIER.

- Electrical compartment cover is secured by spring clip retention, allowing removal of cover without tools.
- Translucent hydraulic reservoir provides quick and easy fluid level check.
- AC traction motor has no brushes and commutator to maintain/replace.
- The electro-mechanical brake has no service requirements.
- Hall-effect throttle control is a non-contact device, eliminating wear components and requiring no mechanical adjustments.
- Lube fittings and serviceable bushings are used at all pivot points, reducing component wear and extending component life.
- Stationary traction motor design eliminates power cable flexing and potential for loose power wire connections.
- On-board diagnostic capability allows for quick troubleshooting, increasing truck uptime.



SUPPORTING CUSTOMERS WITH WORLD-CLASS PARTS & SERVICE

Four Parts Distribution Centers strategically located around the world provide a full range of original equipment and aftermarket parts that help maintain our customers' uptime. In fact, our Guaranteed Availability Program ensures that parts that are normally required in the first 2 years of operation will be available from your Hyster® parts dealer within 24 hours or they are free.*

We also take that commitment into the field with the Hyster CERTECH® Certification training program. This technical training program provides both systems level as well as product-specific education to ensure lift trucks are repaired right the first time.

* Contact your local dealer for program details.

➤ HOW WILL YOU KEEP PROFITS UP AND COSTS DOWN?

A COMFORTABLE OPERATOR IS A MORE PRODUCTIVE OPERATOR.

- Activation buttons for the optional Advanced Coast Control are conveniently positioned on each side of the steer handle for easy, effortless thumb operation from either side of the truck.
- The short head length control handle allows for the best turning radius and right angle stacking capabilities in its class. Left- and right-hand controls make finger tip control of lift/lower, travel and the horn functions a snap.
- Ergonomically angled handgrips and contoured control handle provide a comfortable grip.
- Padded and contoured steady rest provides a soft and comfortable grab point, increasing operator stability while riding.
- Power Assist Steer option helps operators move heavy loads through tight turns and crowded loading areas with ease, reducing fatigue and enhancing truck maneuverability.
- Low step height provides quick and easy on off access for operator, reducing fatigue during the work shift.
- Backlit dash display allows easy reading in low/minimal light conditions.
- Truck features a full six inches of lift height for easy maneuverability over uneven floor surfaces and across dock plates.

BOOST YOUR PRODUCTIVITY.

- Pace setting travel speeds allow more loads to be moved per hour.
- A high performance hydraulic system, coupled with the advanced pallet entry/exit system, produces outstanding cycle times.
- Optional Coast Control with Side Glide feature eliminates climbing on/off during quick pick applications, increasing low level order picking efficiency. (Coast Control available with advanced activation or manual activation.)
- Operator selectable, programmable performance modes enable the truck to be tailored to the application or operator skill level.
- AC traction controller provides improved torque, increased travel speeds and allows smoother acceleration and directional changes.
- Extended Shift Feature:
 - With Extended Shift on, truck performance is tailored with energy efficiency in mind, allowing the truck to operate longer between battery charges.
 - With Extended Shift off, parameters are adjusted with high performance in mind, allowing quicker acceleration and directional changes, for faster cycle times resulting in increased throughput and productivity.

HYSTER® I³ TECHNOLOGY™

Hyster® i3 Technology™ integrates commonality among Hyster warehouse products and simplifies the way in which operators and technicians alike handle and service the truck. The Integrated Intelligent Interface ties together functionality, software, diagnostic codes, similar interfaces and is Hyster Tracker compatible. This technology allows operator input to optimize performance to suit operator skill level. It also provides setup and diagnostic menus for service technicians.





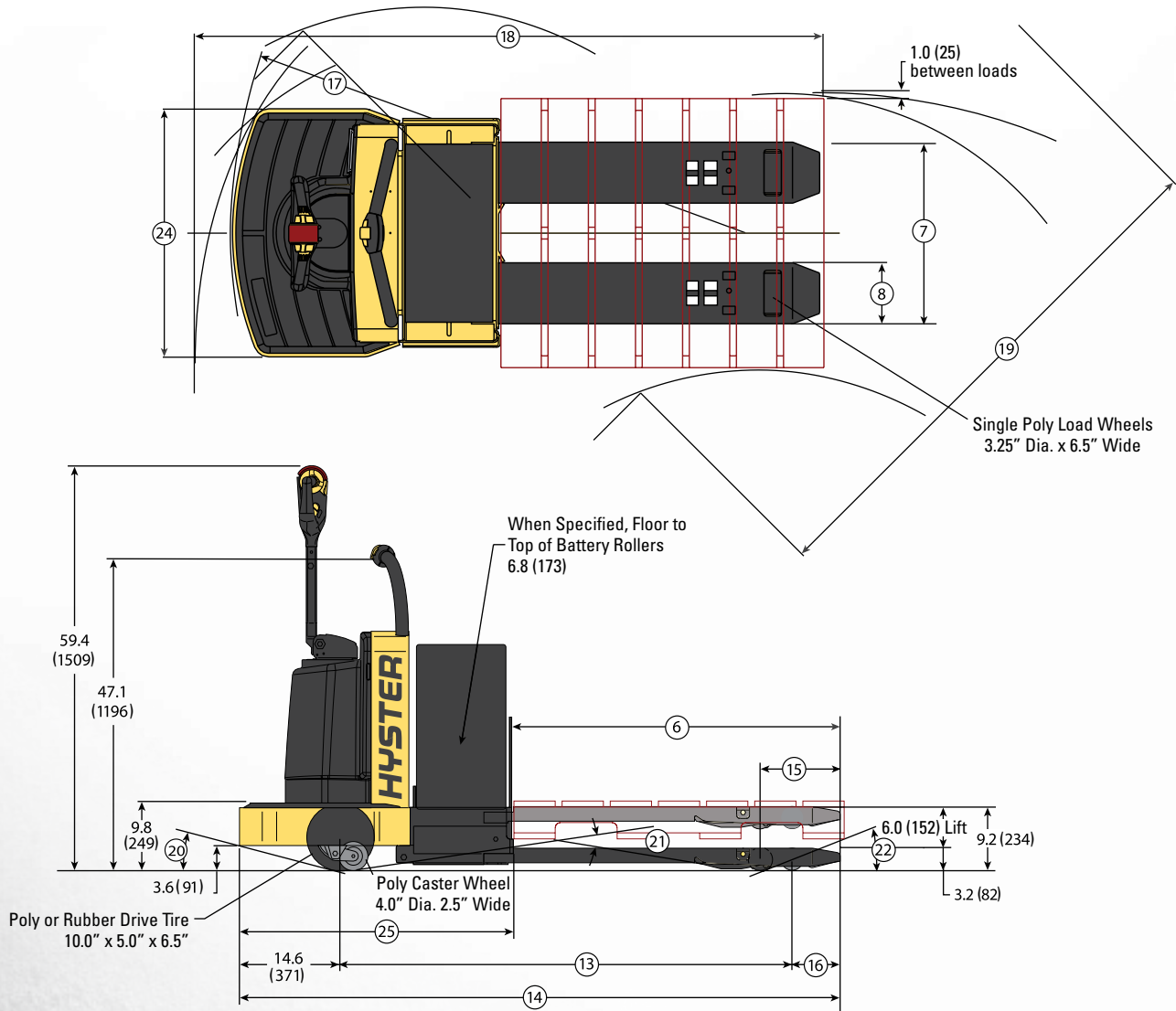
HYSTER TRACKER - WIRELESS ASSET MANAGEMENT

Take your fleet operation to the next level with wireless asset management from Hyster. Hyster Tracker provides a scalable solution for fleets. From monitoring truck utilization to limiting operator access. Hyster Tracker allows you to track your fleet at your fingertips.

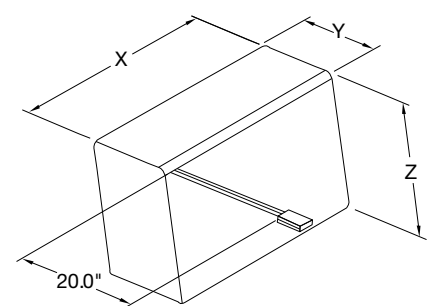


> B60Z^{AC} DIMENSIONS

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



BATTERY SPECIFICATIONS							
Number of Cells	Cell Size	Plates per Cell	Capacity 6 Hr Rate amp hr (kwh)	Battery Dimensions			Weight lb (kg)
				X	Y	Z	
				in (mm)	in (mm)	in (mm)	
12	75	7	225 (5.2)	25.7 (652)	8.8 (224)	23.3 (592)	540 (245)
12	85	7	225 (6.0)	25.7 (652)	8.8 (224)	23.3 (592)	570 (259)
12	75	11	375 (8.7)	26.5 (673)	13.0 (330)	23.3 (592)	825 (374)
12	85	11	425 (9.9)	26.5 (673)	13.0 (330)	23.3 (592)	865 (392)
12	75	13	450 (10.5)	3.09 (785)	13.0 (330)	23.3 (592)	987 (448)
12	85	13	510 (11.9)	3.09 (785)	13.0 (330)	23.3 (592)	1035 (469)
12	100	13	600 (14.0)	3.09 (785)	13.0 (330)	26.2 (665)	1200 (544)



Battery Connector: 175 Amp, Red • Battery Lead: Length 20" (508 mm), Position "B", 1/0 AWG



GENERAL	1	Manufacturer		HYSTER				
	2	Model Designation		B60Z ^{AC}				
GENERAL	3	Power		Battery - 24 Volt				
	4	Operation		Walk / Stand Ride				
GENERAL	5	Rated Capacity		6000 (2722)				
	6	Fork Length	Nominal	in (mm)	36 (914)	42 (1067)	48 (1219)	60 (1524)
GENERAL		Fork Length	Actual	in (mm)	35.75 (908)	41.75 (1060)	47.75 (1213)	59.75 (1518)
	7	Fork Overall Width		in (mm)	27.0 (686)			
GENERAL	8	Fork Width - Individual Fork		in (mm)	9.1 (231)			
	9	Load Distance Face of Forks to Center of Load Wheel	Lowered	in (mm)	28.75 (730)	34.75 (883)	40.75 (1035)	52.75 (1340)
WEIGHTS	10	Truck Weight Without Battery	No Load	lb (kg)	1237 (561)	1257 (570)	1272 (577)	1302 (591)
	11	Axle Loading - Drive Static with Max. Wt. Battery	Rated Load	lb (kg)	2268 (1029)	2566 (1164)	2807 (1273)	3212 (1457)
WEIGHTS		Axle Loading - Drive Static with Max. Wt. Battery	No Load	lb (kg)	1541 (699)	1601 (726)	1649 (748)	1760 (798)
	12	Axle Loading - Load Wheel Static with Max. Wt. Battery	Rated Load	lb (kg)	6109 (2771)	5831 (2645)	5605 (2542)	5230 (2372)
WEIGHTS		Axle Loading - Load Wheel	No Load	lb (kg)	836 (379)	796 (361)	763 (346)	682 (309)
	13	Wheelbase - No Load Backrest or with Pivoting Load Backrest	Raised	in (mm)	49.2 (1250)	55.2 (1402)	61.2 (1554)	73.2 (1859)
WEIGHTS		Wheelbase - No Load Backrest or with Pivoting Load Backrest	Lowered	in (mm)	53.8 (1367)	59.8 (1519)	65.8 (1671)	77.8 (1976)
		Wheelbase - With Bolt-On Load Backrest	Raised	in (mm)	51.2 (1300)	57.2 (1453)	63.2 (1605)	75.2 (1910)
WEIGHTS		Wheelbase - With Bolt-On Load Backrest	Lowered	in (mm)	55.8 (1417)	61.8 (1570)	67.8 (1722)	79.8 (2027)
	14	Overall Length - No Load Backrest or with Pivoting Load Backrest		in (mm)	75.3 (1913)	81.3 (2065)	87.3 (2217)	99.3 (2522)
WEIGHTS		Overall Length - With Bolt-On Load Backrest		in (mm)	77.3 (1963)	83.3 (2167)	89.3 (2268)	101.3 (2573)
	15	Center of Load Wheel to Tip of Forks	Raised	in (mm)	11.7 (297)			
WEIGHTS	16	Center of Load Wheel to Tip of Forks	Lowered	in (mm)	7.0 (178)			
	17	Outside Turning Radius - No Load Backrest or w/Pivoting Load Backrest	Raised	in (mm)	63.6 (1615)	69.6 (1768)	75.6 (1920)	87.6 (2225)
WEIGHTS		Outside Turning Radius - No Load Backrest or w/Pivoting Load Backrest	Lowered	in (mm)	68.3 (1735)	74.3 (1887)	80.3 (2040)	92.3 (2344)
		Outside Turning Radius - With Bolt-On Load Backrest	Raised	in (mm)	65.6 (1666)	71.6 (1819)	77.6 (1971)	89.6 (2276)
WEIGHTS		Outside Turning Radius - With Bolt-On Load Backrest	Lowered	in (mm)	70.3 (1786)	76.3 (1938)	82.3 (2090)	94.3 (2395)
	18	Right Angle Stack - No Load Backrest or with Pivoting Load Backrest	Raised	in (mm)	78.6 (1996)	83.7 (2126)	89.1 (2263)	100.0 (2540)
WEIGHTS		Right Angle Stack - With Bolt-On Load Backrest	Raised	in (mm)	80.4 (2042)	85.4 (2169)	90.9 (2309)	101.8 (2586)
	19	Equal Intersecting Aisle - No Load Backrest or w/Pivoting Load Backrest	Raised	in (mm)	61.8 (1570)	64.9 (1648)	68.0 (1727)	74.3 (1887)
WEIGHTS		Equal Intersecting Aisle - With Bolt-On Load Backrest	Raised	in (mm)	63.3 (1608)	66.5 (1689)	69.6 (1768)	75.9 (1928)
	20	Grade Clearance	Chassis	%	26			
WEIGHTS	21	Grade Clearance	Ctr of Wheelbase	%	39	34	31	25
	22	Grade Clearance	Forks	%	39			
WEIGHTS	23	Lift Height - Top of Fork Lowered Ht / Raised Ht / Total Lift		in (mm)	3.2 / 9.2 / 6.0 (81 / 234 / 152)			
	24	Truck Overall Width		in (mm)	36.9 (937)			
WEIGHTS	25	Chassis Length Length of Face to Forks		in (mm)	39.5 (1003)			
	26	Battery Compartment L x W x H Standard w/Battery Rollers		in (mm)	31.25 x 13.4 x OPEN (793 X 340 X OPEN)			
PERF.	27	Travel Speed Chassis First	No Load/Rated Load	mph (kph)	9.0 / 6.7 (14.5 / 10.8)			
		Travel Speed Forks First	No Load/Rated Load	mph (kph)	6.0 / 5.2 (9.7 / 8.4)			
PERF.	28	Drive Control	Type		AC			
	29	Service Brake	Type		Electro-Mechanical			
WHEELS	30	Drive Tire Size / Type (Number of Wheels)		in	10.0 x 5.0 x 6.5 / Poly (1)			
	31	Load Wheel Size / Type (Number of Wheels)		in	3.25 x 6.25 / Poly (2)			
	32	Caster Wheel Size / Type (Number of Wheels)		in	4.0 x 2.5 / Poly - Spring Loaded (2)			

Above specifications, unless otherwise listed, are for a standard truck without optional equipment.
 Right Angle Stack and Equal Intersecting Aisle are calculated using a 40" wide pallet.
 Grade Clearance measured to the bottom of the pallet with forks in a raised position.

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. Performance specifications are for a truck equipped as described under Standard Equipment on this Technical Guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature, condition of the operating area, proper service and maintenance of the vehicle. If these specifications are critical, the proposed application should be discussed with your dealer.

➤ AT-A-GLANCE FEATURES

STANDARD EQUIPMENT

48" long forks
27" fork spread
Standard construction operating temperatures:
+32° F to + 120° F
Smooth polyurethane drive tire – 90 durometer – 10" x 5.0"
Single polyurethane load wheels – 3.25" x 6.5"
Standard duty casters – polyurethane wheels
Manual steering
Key ignition switch
24-volt transistor control electrical system
AC traction motor (brushless)
Operator selectable, programmable performance modes
Integrated "soft start" transistor lift pump control
ADS (Auto Deceleration System) with regenerative braking
Extended shift feature
31.25" x 13.4" open battery compartment
Electro-mechanical park brake
UL Classification Type "E"

Electronic horn
Impact resistant, steel reinforced, ergonomic control handle
Pallet exit rollers/entry skids
Knock-out load wheel axles
6" lift height
Boxed fork construction with reinforced fork tips
Flush pallet stop
Long life lift linkage
Hyster® i3 Technology™
Multi-function display

- Battery state of charge
- Hour meter
- Low battery lift interrupt
- Performance mode indicator
- Fault indicator

On-board software

- Test and diagnose
- No handset required
- Password protected

OPTIONAL EQUIPMENT

Power assist steer
Battery rollers
Convenience tray (load backrest mounted or battery mounted)
RF terminal power supply – 24-volt
Audible alarm
Visible alarm – pole mounted amber strobe
Advanced coast control with side glide
Manual coast control with side glide
Casters

- Heavy duty
- Heavy duty with sealed wheel and swivel bearings

Fork lengths

- 36" long forks
- 42" long forks
- 60" long forks

Drive tire

- Rubber – 65 durometer
- Siped polyurethane – 90 durometer

Load wheels

- Single and dual
- 2 bearing and 4 bearing
- Standard bearing and sealed bearing

Load backrest

- 48" high (pivoting or bolt-on)
- 60" high (pivoting or bolt-on)
- 72" high (bolt-on)

Application/environmental construction

- Cooler/freezer package operating temperatures: 0° F to +120° F
- subZERO freezer package operating temperatures: -40° F to +120° F

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.



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Part No. B60Z/BTG
9/2016 Litho in U.S.A.

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

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