

L05.0-7.0T SERIES



**STRONG PARTNERS.
TOUGH TRUCKS.™**

TOW TRACTOR

L05.0-7.0T TOW TRACTOR

Designed for use in a wide range of manufacturing applications, with superior operator comfort and increased productivity and efficiency.

ERGONOMICS

- Power steering reduces the arm movement required to change direction. This allows the operator to remain within the truck footprint at all times for protection as well as help in reducing operator fatigue and increasing productivity.
- A personnel sensor, which covers the entire platform floor area, detects when the operator is on board. This, together with the high, soft-touch backrest, allows the operator to locate the most comfortable operating position.
- The large platform area increases operator comfort and allows easier pass through.
- Slow-speed forward and reverse direction buttons (coasting function) are located on the backrest.

PRODUCTIVITY

- The powerful high thermal capacity 3.5hp AC drive motor delivers high performance acceleration, braking and travel speed, making these models ideal for stop and go operations.
- Acceleration, travel and braking speeds can be adjusted by a service engineer to the particular needs of the application through the operator console.
- Effortless electrical steering and automatic speed reduction on cornering ensure excellent control and high productivity.
- The anti-rollback on ramps device ensures efficient operation.
- A maximum travel speed up to 5.6mph reduces travel time on long runs between docking and picking areas.
- Vertical or lateral battery extraction is available.

COST OF OWNERSHIP

- Adjustable performance settings allow the truck to be tailored to the needs of the application, helping to reduce energy consumption.
- Regenerative braking reduces the use of the service brake and dissipates heat from the traction motor increasing the life of key components.
- Motors and controllers are protected against damage and debris, reducing servicing and repair costs.

DEPENDABILITY

- The solid frame construction and industrial grade components ensure long-term reliability and durability.
- A sturdy wrap-around bumper plate protects the truck against impacts and damage and minimizes repair costs.
- The truck's electronics—including the enclosed AC traction motor, sealed combi-controller (with IP65 rating), sealed electrical connectors and hall effect sensors and switches—are all protected from damage to ensure excellent reliability, maximum productivity and reduced servicing costs.
- Reduced wiring complexity is a result of the CANbus communication system, which also provides easy access to components and delivers world-class reliability.

SERVICEABILITY

- The CANbus system and diagnostics can be controlled and monitored via the console or through the single plug-point. Fault codes can be displayed on the console for easy service identification.
- A one-piece hood provides easy access to key components.
- Full access to all the truck's main components, including the motor by the removal of the motor cover, which is retained by two easily removed screws.
- The low maintenance AC traction motor with built-in thermal protection is fully enclosed for protection against damage and debris, minimizing service downtime.

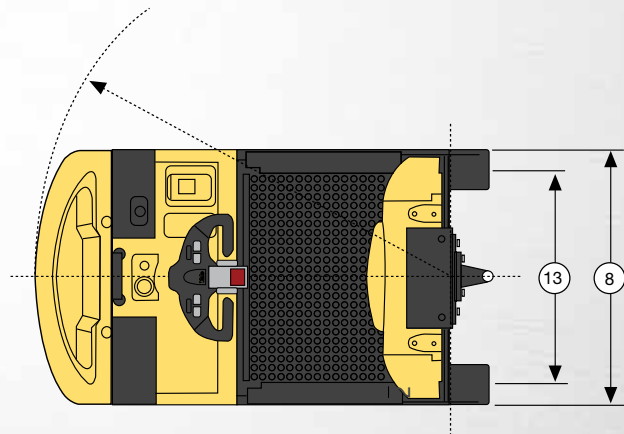
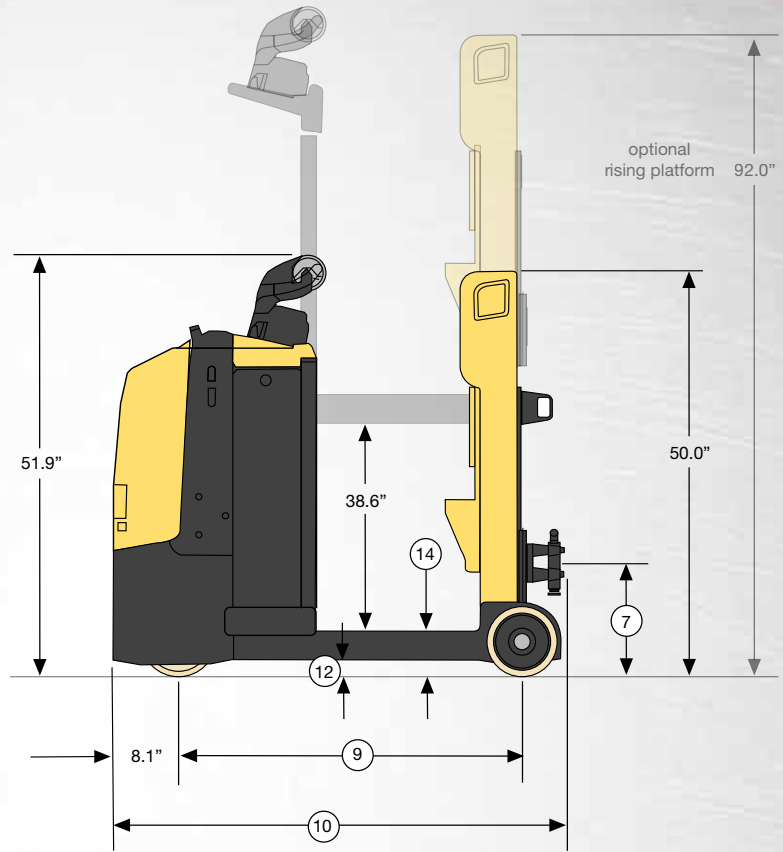
L05.0-7.0T DIMENSIONS



Fly-by-wire power steering reduces steer effort by up to 90% helping to reduce operator fatigue. The wrap-around design keeps the operator's hands within the interior perimeter of the handle for increased protection, enhanced ergonomics and productivity.



Optional rising platform



AVAILABLE OPTIONS INCLUDE:

- Side battery extraction
- Floor-level bumper (rubber bumper)
- Mid mounted bumper (bull bar)
- Universal support bar on motor compartment
- Several hook types
- Various drive wheel compounds, platform lift heights and storage compartments
- Rising platform

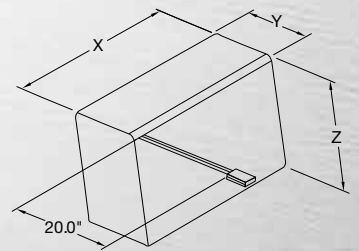
L05.0-7.0T SPECIFICATIONS

GENERAL	1	Manufacturer		Hyster			
	2	Model Designation		L05.0	L07.0		
	3	Power		Battery			
	4	Voltage		24			
	5	Operation		Stand			
	6	Rated Capacity	lb (kg)	10000	15000		
DIMENSIONS	7	Tow Pin Height	Vertical Center of Pin	in (mm)		14.3 (365)	
	8	Overall Width		in (mm)		31.3	
	9	Wheelbase		in (mm)		42.7 (1084)	
	10	Overall Length		in (mm)		56.3 (1429)	
	11	Outside Turning Radius		in (mm)		50.7 (1289)	
	12	Ground Clearance	Center of Wheelbase	in (mm)		2 (50)	
	13	Tread Width		in (mm)		14.8 (376)	
	14	Step Height		in (mm)		6 (152)	
	15	Battery Compartment	Height	Std / Battery	in (mm)		31.2 x 14.1 x 32 (792 x 357 x 814)
	16	Floor to Top of Battery Rollers		Side Extraction	in (mm)		5.6 (141)
PERFORMANCE	17	Travel Speed	NL/RL	mph (km/h)		8.1 / 4.3 (13 / 7)	
	18	Gradeability	5 Minute Reading	%		20 / 6	
		Maximum Gradeability	5 Minute Reading	%		20 / 10	
	19	Drawbar Pull	5 Minute Reading	lbf (N)	225 (1000)	299 (1330)	
		Drawbar Pull	60 Minute Reading	lbf (N)	719 (3200)	1011 (4500)	
	20	Brake		Service / Parking			Electromagnetic
WT.	21	Truck Weight	w/o Battery	NL	lb (kg)	2244.3 (1018) / 2455 (1114)	
	22	Axle Loading		Drive / Load Wheel	lb (kg)	1539 / 957 (698 / 434) / 1765 / 941 (801 / 427)	
WHLs & TIRES	23	Tire Type		Drive / Steer		Topthane / Polyurethane	
	24	Tire Size	Std	Drive / Steer	in	10 x 3.5 / 10 x 3.5	
	25	Wheels - Number	X=Driven	Drive / Steer		1X / 2	
ELECTRIC	26	Battery		Type		Lead Acid	
	27	Traction Motor	60 Minute Rating		hp (kW)	3.5 (2.6) / 4.0 (3.0)	
	28	Traction Motor		Type / Control Method		AC / Mosfet	
	29	Number of Speeds				Infinitely Variable	

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

BATTERY & COMPARTMENT SPECIFICATIONS

Battery Type	Battery Compartment Dimensions			Battery Dimensions			Number of Cells	Cell Size	Plates per Cell	Capacity 6 Hour Rate
	Width	Length	Height	"X"	"Y"	"Z"				
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)				amp hr (kwh)
Industrial	31.2 (792.0)	14.1 (357.0)	32.0 (814.0)	26.1 (663)	12.8 (325)	23.3 (592)	12	85	11	425 (9.9)
				30.9 (785)	13.0 (330)	23.3 (592)	12	85	13	510 (11.9)
				30.9 (785)	13.0 (330)	26.2 (665)	12	100	13	600 (14.0)



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

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. Hyster's 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 2 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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