



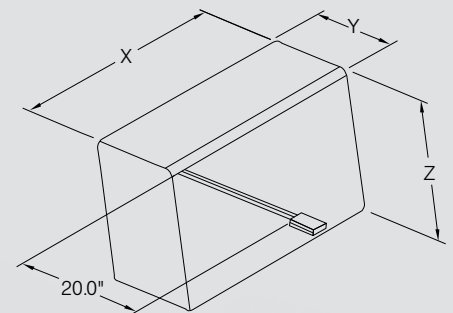
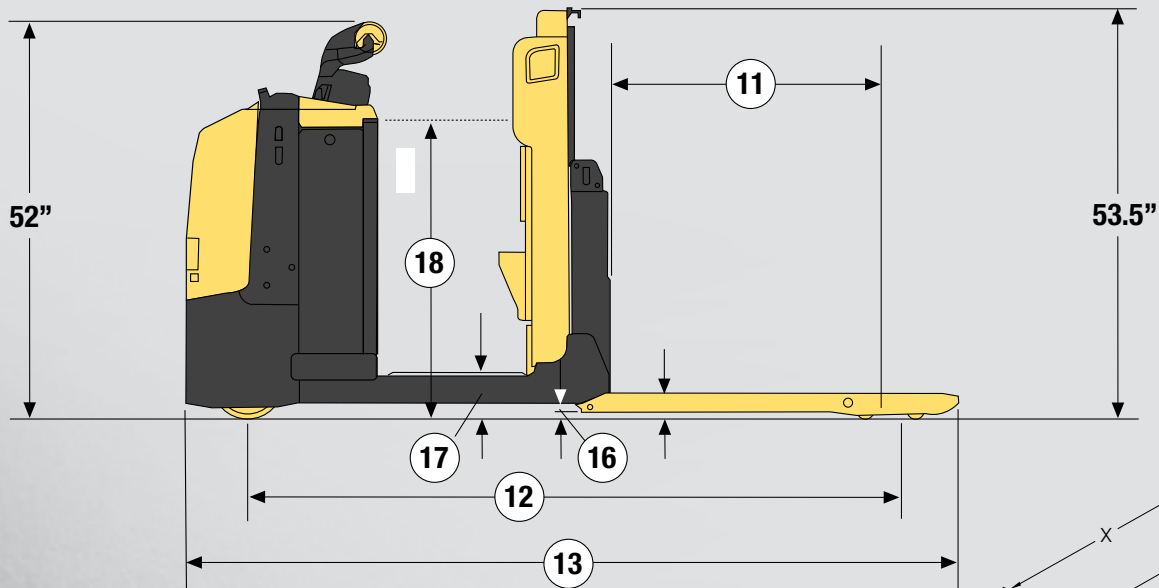
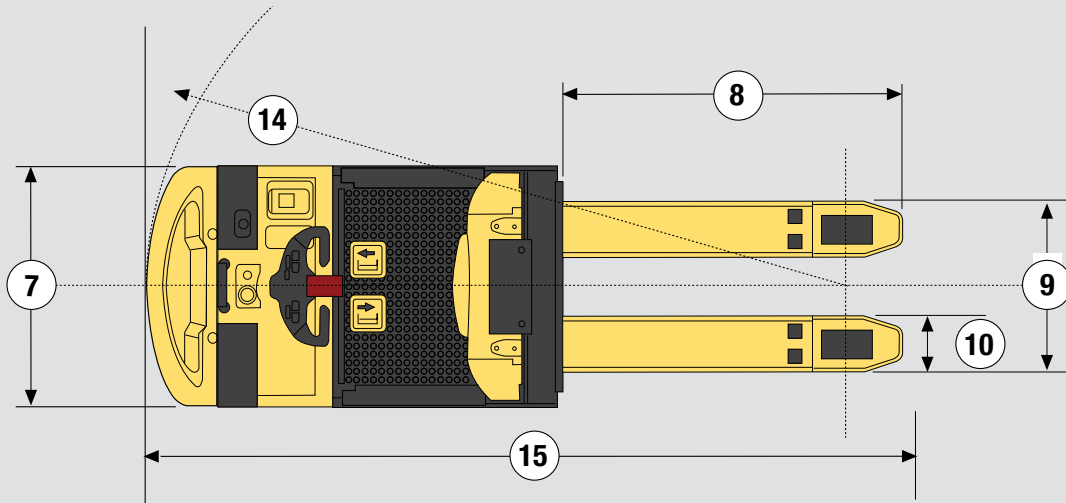
**STRONG PARTNERS.  
TOUGH TRUCKS.™**



# **L02.5 SERIES TECHNICAL GUIDE**

**[WWW.HYSTER.COM](http://WWW.HYSTER.COM)**

# > L02.5 DIMENSIONS



## L02.5 BATTERY AND COMPARTMENT SPECIFICATIONS

Battery Type	Battery Compartment Dimensions			Battery Dimensions			Number of Cells	Cell Size	Plates per Cell	Capacity 6 Hour Rate	Weight
	Width	Length	Height	"X"	"Y"	"Z"				amp hr (kwh)	lbs (kg)
				in (mm)						in (mm)	
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)	865 (392)
				30.9 (785)	13.0 (330)	23.3 (592)	12	85	13	510 (11.9)	1035 (469)
				30.9 (785)	13.0 (330)	26.2 (665)	12	100	13	600 (14.0)	1140 (517)
				30.9 (785)	13.0 (330)	30.8 (782)	12	125	13	750 (17.5)	1395 (634)

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

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

# LO2.5 SPECIFICATIONS <

GENERAL	1	Manufacturer		HYSTER		
	2	Model Designation		LO2.5		
	3	Power		Battery		
	4	Voltage		24		
	5	Operation		Orderpicker		
	6	Rated Capacity	lbs (kg)	5500 (2500)		
DIMENSIONS	7	Overall Width		31.3 (796)		
	8	Fork Length	in (mm)	46.5 (1181)	94.9 (2411)	
	9	Fork Overall Width		26.4 (670)		
	10	Fork Width - Individual fork		7.2 (184)		
	11	Load Wheel Drop - Lowered	in (mm)	39 (990)	59.8 (1518)	
	12	Wheelbase		79.3 (2015)	100.1 (2543)	
	13	Overall Length		101.9 (990)	150.4 (3819)	
	14	Outside Turning Radius		87.4 (990)	108.1 (1747)	
	15	Equal Aisle	90 Intersecting Aisle	111.3 (990)	111.3 (2827)	
	16	Ground Clearance	Center of Wheelbase	1 (25)		
	17	Step Height		6 (152)		
	18	Platform Elevated Height		38.6 (980)		
	19	Battery Compartment	Height / Standard Batt. Rollers	31.2 x 14.1 x 32 (792 x 357 x 814)		
	20	Floor to Top of Battery Rollers	Side Extraction	5.6 (141)		
	PERFORMANCE	21	Travel Speed - NL/RL		6.5 / 5.3 (10.5 / 8.5)	
		22	Lift Speed - NL/RL	Forks	ft/min (m/sec)	
				Cab	ft/min (m/sec)	
		23	Lower Speed - NL/RL	Forks	4 / 7 (0.018 / 0.038)	
Cab				32 / 32 (0.162 / 0.162)		
24		Gradeability - NL/RL	5 Minute Rating	%		
			60 Minute Rating	%		
26		Brake	Service / Parking	Electromagnetic		
WEIGHT	27	Truck Weight - NL	Without Battery	lbs (kg)		
	28	Axle Loading - Drive - NL/RL	Static w/ Max. Wt. Battery	lbs (kg)		
	29	Axle Loading - Load Wheel- NL/RL	Static with Max. Wt. Battery	lbs (kg)		
TIRES & WHEELS	30	Tire Type - Drive / Steer		Vulkollan / Polyurethane		
	31	Tire Size - Drive / Steer	Std	in		
	32	Wheels - Number - Drive / Steer	X=Driven	1X / 4		
ELECTRIC	33	Battery	Type	Lead Acid		
	34	Traction Motor	60 Minute Rating	hp (kW)	3.5 (2.6)	
	35	Pump Motor	15 Minute Rating	hp (kW)	2.7 (2)	
	36	Traction Motor	Type / Control Method	AC / Mosfet		
	37	Pump Motor	Type / Control Method	AC / Mosfet		
	38	Number of Speeds	Traction / Pump	Infinitely Variable / Infinitely Variable		

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


NL=No Load, RL=Rated Load

**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.



Hyster Company  
P.O. Box 7006  
Greenville, North Carolina  
27835-7006  
Part No. LQ25/TG  
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