

L055-80 SERIES

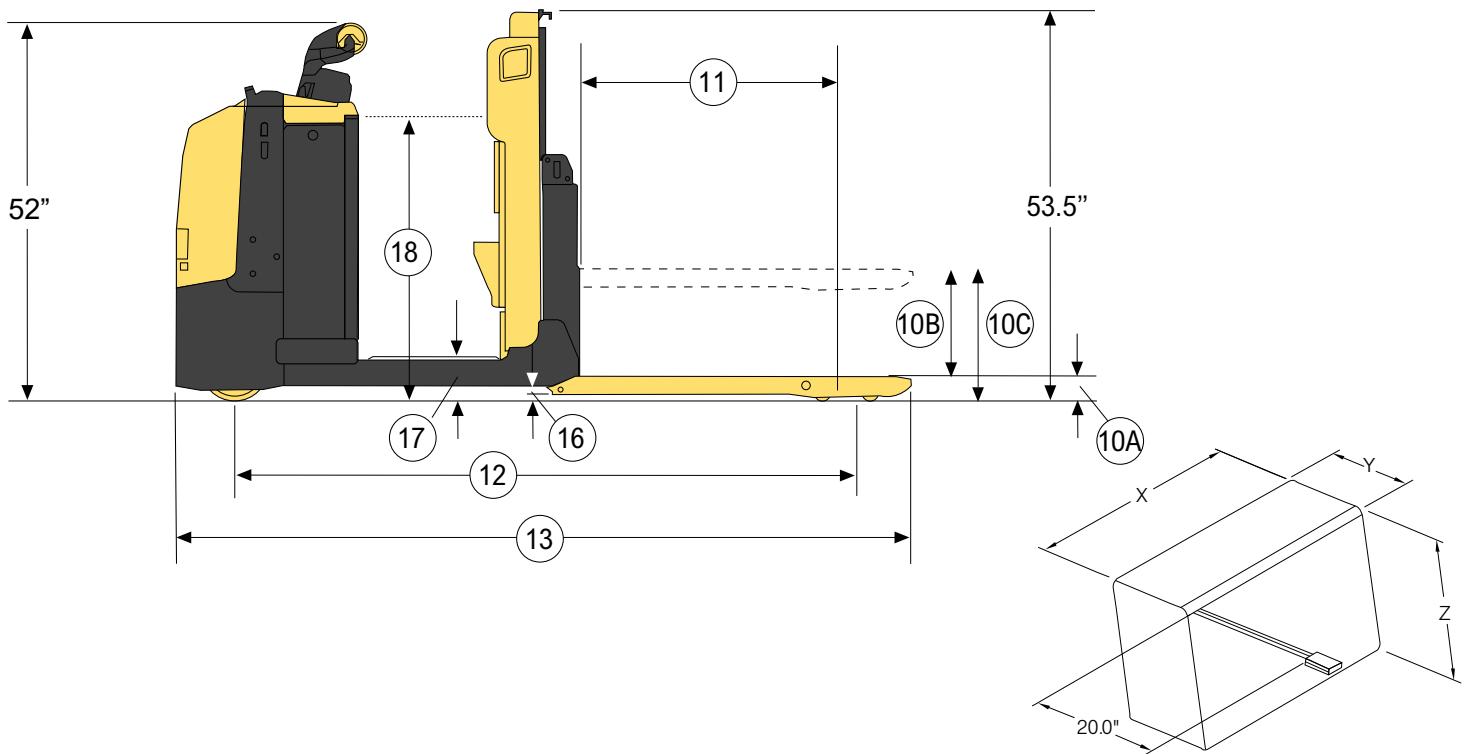
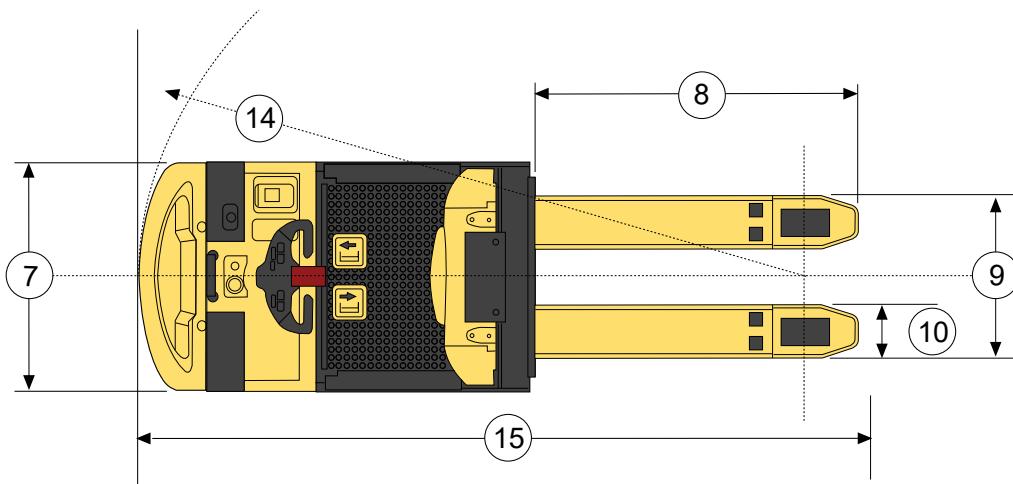


LOW LEVEL ORDER PICKER PRODUCT TECHNICAL GUIDE



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LO55-80 DIMENSIONS



LO55-80 BATTERY AND 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)						
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)				
				30.9 (785)	13.0 (330)	30.8 (782)				

Battery connector: 175 Amp. red

Battery lead: length 20" (508 mm), position "B", 1/0 AWG

GENERAL		HYSTER														
		L055		L060		L080										
		Power		Battery												
		Voltage		34		24		24								
		Operation		Orderpicker												
		Rated capacity		lb (kg)	5500 (2500)	6000 (2722)		8000 (3629)								
DIMENSIONS		Overall width		in (mm)	31.3 (796)	31.3 (796)		31.3 (796)								
		Fork length		in (mm)	46.5 (1181) 94.9 (2411)	36 (915) 48 (1219) 60 (1524)	48 (1219) 96 (2348) 144 (3658)									
		Fork overall width		in (mm)	26.4 (670)	26.4 (670)		26.4 (670)								
		Fork width - individual fork		in (mm)	7.2 (184)	9 (229)		9 (229)								
		Fork lowered height		in (mm)	3.35 (85)	3.35 (85)		3.35 (85)								
		Fork max lift height		in (mm)	4.72 (120)	4.72 (120)		4.72 (120)								
		Fork overall length		in (mm)	8 (205)	8 (205)		8 (205)								
		Load wheel drop - lowered		in (mm)	39 (990) 59.8 (1518)	27.4 (696) 39.4 (1000) 51.4 (1306)	39.4 (1001) 60.4 (1534)	87.5 (2221)								
		Wheelbase		in (mm)	79.3 (2015) 100.1 (2543)	74.4 (1899) 86.8 (2204) 98.8 (2509)	92.5 (2349) 113.5 (2882)	161.5 (4101)								
		Overall length		in (mm)	101.9 (990) 150.4 (3819)	91.5 (2322) 103.5 (2627) 94.25 (2932)	109 (277) 157 (3991)	205 (5211)								
		Outside turning radius		in (mm)	87.4 (990) 108.1 (1747)	83 (2104) 95 (2409) 107 (2714)	101 (2554) 122 (3087)	170 (4306)								
		Equal aisle	90 intersecting aisle	in (mm)	111.3 (990) 111.3 (2827)	99.3 (2522) 111.3 (2827) 123.3 (3132)	117 (2972) 165 (4191)	213 (5411)								
PERFORMANCE		Ground clearance		in (mm)	1 (25)	84 (2134) 92 (2348) 101 (2563)	96 (2450) 111 (2825)	145 (3684)								
		Step height		in (mm)	6 (152)	1 (25)		1 (25)								
		Platform elevated height		in (mm)	38.6 (980)	6 (152)		6 (152)								
		Battery compartment	Height/standard battery rollers	in (mm)	31.2 x 14.1 x 32 (792 x 357 x 814)	38.6 (980)		38.6 (980)								
		Floor to top of battery rollers	Side extraction	in (mm)	5.6 (141)	31.2 x 14.1 x 32 (792 x 357 x 814)		31.2 x 14.1 x 32 (792 x 357 x 814)								
		Travel speed - NL/RL		mph (km/h)	8/5.3 (12.9/8.5)	8/5.3 (12.9/8.5)		5.6 (141)								
		Lift speed - NL/RL	Forks	ft/min (m/sec)	8/5 (0.039/0.023)	6.5/5.3 (10.5/8.5)		6.5/5.3 (10.5/8.5)								
			Cab	ft/min (m/sec)	37/37 (0.189 x 0.189)	8/5 (0.039/0.023)		8/5 (0.039/0.023)								
		Lower speed - NL/RL	Forks	ft/min (m/sec)	4/7 (0.018/0.038)	37/37 (0.189 x 0.189)		37/37 (0.189 x 0.189)								
			Cab	ft/min (m/sec)	32/32 (0.162/0.162)	4/7 (0.018/0.038)		4/7 (0.018/0.038)								
WEIGHT		Gradeability - NL/RL	5 minute rating	%	20/6	32/32 (0.162/0.162)		32/32 (0.162/0.162)								
			60 minute rating	%	20/10	6/16		6/16								
		Brake	Service/parking	Electromagnetic												
		Truck weight - NL	Without battery	lb (kg)	1413 (641)	1950 (886) 1995 (907) 2030 (923)	1995 (907) 2100 (955) 2250 (1023)									
		Axle loading - drive - NL/RL	Static w/ max. wt. battery	lb (kg)	2154/3180 (977/1442)	2213 (1006)/3401 (1546) 2246 (1020)/3418 (1554) 2273 (1033)/3430 (1560)	2246 (1020)/4178 (1900) 2325 (1057)/4218 (1917) 2438 (1108)/4275 (1943)									
TIRES & WHEELS		Axle loading - load wheel-NL/RL	Static with max. wt. battery	lb (kg)	734/5221 (333/2368)	738 (335)/5549 (2522) 749 (340)/5577 (2535)	758 (344)/5600 (2545) 749 (340)/6817 (3100)	775 (352)/6882 (3128) 813 (370)/6975 (3170)								
		Battery weight	Min/max	lb (kg)	806 (366)/1470 (667)											
		Tire type - drive/steer			Vulkollan/polyurethane											
		Tire size - drive/steer	Std	in	10 x 3.5/10 x 3.5	10 x 3.5/10 x 3.5 (254 x 90/254/90)		10 x 3.5/10 x 3.5 (254 x 90/254/90)								
ELECTRIC		Wheels - number - drive/steer	X=Driven	1x4												
		Battery	Type	Lead acid Thin Plate Pure Lead* Lithium-ion*												
		Traction motor	60 minute rating	hp (kW)	3.5 (2.6)											
		Pump motor	15 minute rating	hp (kW)	2.7 (2)											
		Traction motor	Type/control method	AC/Mosfet												
		Pump motor	Type/control method	AC/Mosfet												
		Number of speeds	Traction/pump	Infinitely variable/Infinitely variable												

* Optional with Hyster Power Cellect™

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 the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. 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.

LO55-80 FEATURES AND OPTIONS

PERFORMANCE	STD	OPT	OPERATION (CONTINUED)	STD	OPT
8mph maximum travel speed (unladen) (LO55 and LO60)	x		Battery removal without rollers - lift out	x	
6.5 mph maximum travel speed (unladen) (LO80)	x		Key switch start	x	
Foot-controlled rising platform		x	Standard display	x	
Coasting function		x	Fixed operator platform	x	
DRIVE	STD	OPT	Without battery	x	
Drive wheel - 10" x 3.5" NDIIthane	x		Without charger	x	
3.3" x 3.5" tandem polyurethane load wheels (LO55)	x		Side battery extraction - both sides	x	
3.3" x 3.5" tandem polyurethane load wheels (LO60)		x	Side battery extraction - left side	x	
3.3" x 4.3" single polyurethane load wheels (LO60)	x		Side battery extraction - right side	x	
3" x 5.5" single polyurethane load wheels (LO80)	x		Operator password start interlock	x	
3" x 4.1" tandem polyurethane load wheels (LO80)		x	Multifunctional display	x	
10" x 3.5" topthane drive wheel		x	Clip board	x	
Drive wheel - 10" x 3.5" NDIIthane conductive		x	Convenience tray (load backrest mounted)	x	
LIFT	STD	OPT	Multipurpose bar above motor cover	x	
670mm carriage (26.37" OAW)	x		Stretch film roll holder	x	
Initial lift h3 = 120mm (4.75")	x		Trash bin in operator back rest	x	
Forks LO55			Raising operator platform h12 = 980 mm (38.6")	x	
- 48" L x 7"W x 26.37" OAW	x		Raising operator platform h12 = 980 mm (38.6") with side arms	x	
- 96" L x 7"W x 26.37" OAW		x	Low mounted bumper (rubber bumper)	x	
Forks LO60			Mid mounted bumper (bull bar)	x	
- 36" L x 9"W x 26.37" OAW		x	Hyster Reaction™	x	
- 42" L x 9"W x 26.37" OAW		x	Hyster Tracker™ wireless access HID Prox card reader	x	
- 48" L x 9"W x 26.37" OAW	x		Hyster Tracker™ wireless access iClass MiFare prox card reader	x	
- 54" L x 9"W x 26.37" OAW		x	Hyster Tracker™ wireless access ISO Prox card reader	x	
- 60" L x 9"W x 26.37" OAW		x	Hyster Tracker™ wireless monitoring - Cell	x	
- 84" L x 9"W x 26.37" OAW		x	Hyster Tracker™ wireless monitoring - Wifi	x	
- 93" L x 9"W x 26.37" OAW		x	Hyster Tracker™ wireless verification	x	
- 96" L x 9"W x 26.37" OAW		x	Audible alarm - reverse direction activated - self-adjusting 82-102 dB(A)	x	
- 144" L x 9"W x 26.37" OAW		x	DC to DC converter - primary - for factory installed options -		
- 36" L x 10"W x 24" OAW		x	25 amps/300 watts @ 12-volts	x	
- 42" L x 10"W x 24" OAW		x	Less charger (wired plug included)	x	
- 54" L x 10"W x 24" OAW		x	Battery cable extension 59" (1500mm)	x	
- 60" L x 10"W x 24" OAW		x	Twin battery charge station	x	
- 84" L x 10"W x 24" OAW		x	Regenerative braking	x	
- 96" L x 10"W x 24" OAW		x	AC traction motor	x	
- 93" L x 10"W x 24" OAW		x	Brushless DC steer motor	x	
- 144" L x 10"W x 24" OAW		x	Dual-technology MOSFET combi controller	x	
Forks LO80			Impact-resistant motor compartment cover	x	
- 48" L x 9"W x 26.37" OAW	x		Sealed combi controller (IP65 rating)	x	
- 69" L x 9"W x 26" OAW		x	Hall-effect sensors and switches (no wear, no adjustment)	x	
- 84" L x 9"W x 26.37" OAW		x	CANbus communication system	x	
- 93" L x 9"W x 26.37" OAW		x	1000 hours service intervals	x	
- 96" L x 9"W x 26.37" OAW		x	Electromagnetic braking	x	
- 144" L x 9"W x 26.37" OAW		x	Integrated system controls	x	
- 84" L x 10"W x 24" OAW		x	Stationary mounted traction motor	x	
- 96" L x 10"W x 24" OAW		x	Automotive-style sealed electrical connectors	x	
- 93" L x 10"W x 24" OAW		x	CONSTRUCTION	STD	OPT
- 144" L x 10"W x 24" OAW		x	Standard construction	x	
610mm carriage (24" OAW) (LO60 and LO80)		x	Cold storage construction (-22° F)		x
HANDLING	STD	OPT	ENERGY SYSTEM	STD	OPT
Without load backrest	x		24-volt electrical system	x	
Auto speed reduction on cornering	x		Lead acid	x	
Load backrest raise H=71" from floor		x	Hyster Power Collect™	x	
ERGONOMICS	STD	OPT	SUPPLEMENTAL	STD	OPT
Handle above operator backrest	x		12 months/unlimited hour manufacturer's warranty		
Scooter steer control	x		36 months/6,000 hour powertrain warranty	x	
Knee pad		x	60 months/10,000 hour frame warranty		
Scooter steer control on lifting platform		x	Multiple extended protection coverage plans (please refer to the full extended warranty statements for additional details)	x	
Scooter control on lifting platform with platform control		x	English literature pack and labels	x	
OPERATION	STD	OPT	French literature pack and labels	x	
31.18"x14.05"x32.04" (792 x 357 x 814 mm) battery compartment (for 620 Ah DIN battery)	x		Spanish literature pack and labels	x	



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