

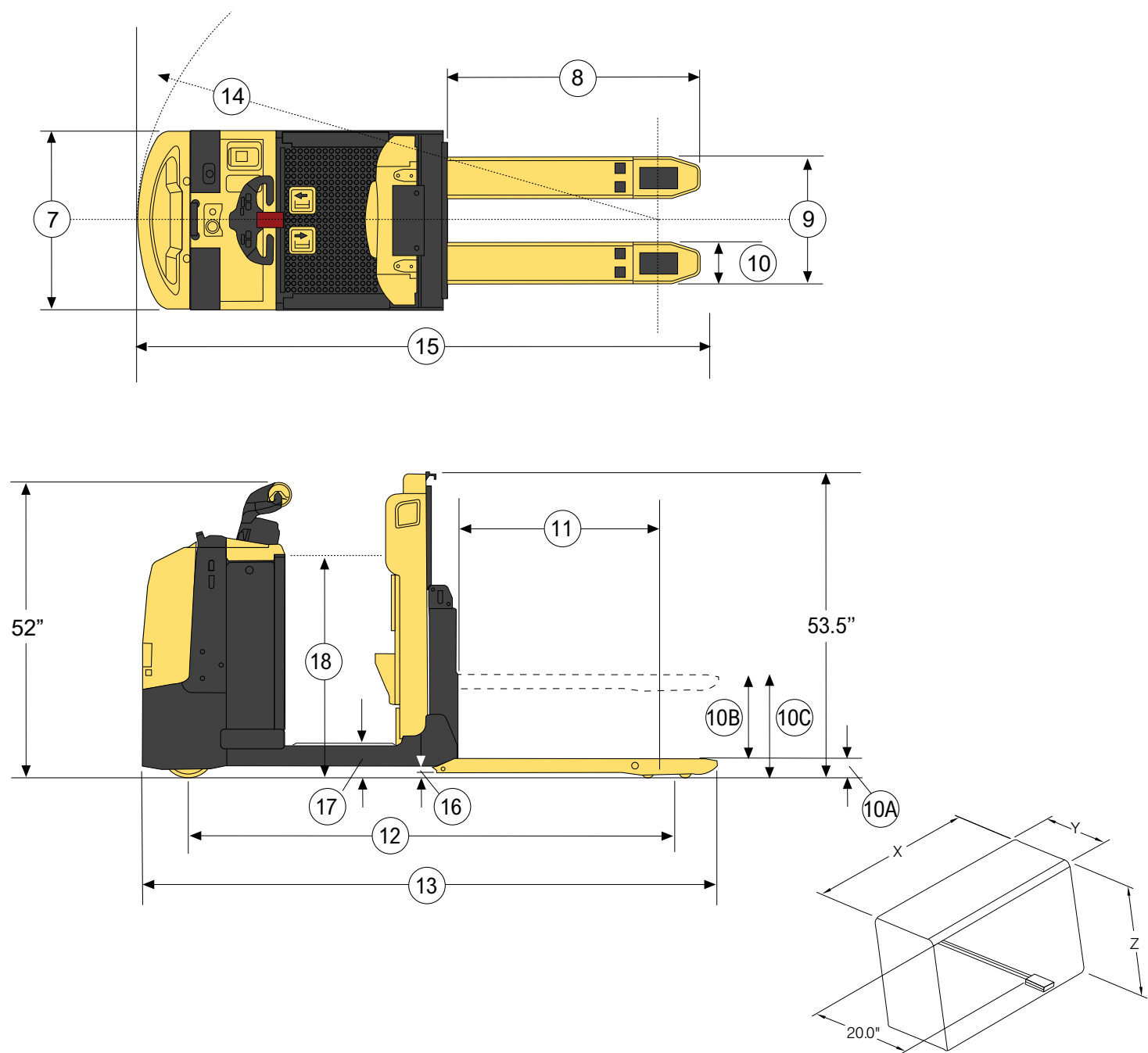
L055-80 SERIES



LOW LEVEL ORDER PICKER PRODUCT TECHNICAL GUIDE



L055-80 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”				amp hr (kwh)
	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)	12	85	13	510 (11.9)
				30.9 (785)	13.0 (330)	30.8 (782)	12	125	13	750 (17.5)

Battery connector: 175 Amp. red
Battery lead: length 20" (508 mm), position "B", 1/0 AWG

L055-80 SPECIFICATIONS

GENERAL	1	Manufacturer			HYSTER							
	2	Model designation			LO55		LO60			LO80		
	3	Power			Battery							
	4	Voltage			34		24			24		
	5	Operation			Orderpicker							
	6	Rated capacity		lb (kg)	5500 (2500)		6000 (2722)			8000 (3629)		
DIMENSIONS	7	Overall width		in (mm)	31.3 (796)		31.3 (796)			31.3 (796)		
	8	Fork length		in (mm)	46.5 (1181)	94.9 (2411)	36 (915)	48 (1219)	60 (1524)	48 (1219)	96 (2348)	144 (3658)
	9	Fork overall width		in (mm)	26.4 (670)		26.4 (670)			26.4 (670)		
	10	Fork width - individual fork		in (mm)	7.2 (184)		9 (229)			9 (229)		
	10a	Fork lowered height		in (mm)	3.35 (85)		3.35 (80)			3.15 (80)		
	10b	Fork max lift height		in (mm)	4.72 (120)		4.72 (120)			4.72 (120)		
	10c	Fork overall length		in (mm)	8 (205)		8 (205)			7.88 (200)		
	11	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)
	12	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)
	13	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)
	14	Outside turning radius		in (mm)	87.4 (990)	108.1 (1747)	83 (2104)	95 (2409)	107 (2714)	101 (2554)	122 (3087)	170 (4306)
	15	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)
	16	Ground clearance	Center of wheelbase	in (mm)	1 (25)		84 (2134)	92 (2348)	101 (2563)	96 (2450)	111 (2825)	145 (3684)
	17	Step height		in (mm)	6 (152)		1 (25)			1 (25)		
18	Platform elevated height		in (mm)	38.6 (980)		6 (152)			6 (152)			
19	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)			
20	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)			
PERFORMANCE	21	Travel speed - NL/RL		mph (km/h)	8/5.3 (12.9/8.5)		8/5.3 (12.9/8.5)			5.6 (141)		
	22	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)		
	23	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)		
	24	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		
	26	Brake	Service/parking		Electromagnetic							
WEIGHT	27	Truck weight - NL	Without battery	lb (kg)	1413 (641)		1950 (886)	1995 (907)	2030 (923)	1995 (907)	2100 (955)	2250 (1023)
	28	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)
	29	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)
	30	Battery weight	Min/max	lb (kg)	806 (366)/1470 (667)							
TIRES & WHEELS	31	Tire type - drive/steer			Vulkollan/polyurethane							
	32	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)		
	33	Wheels - number - drive/steer		X=Driven	1x/4							
ELECTRIC	34	Battery	Type		Lead acid Thin Plate Pure Lead* Lithium-ion*							
	35	Traction motor	60 minute rating	hp (kW)	3.5 (2.6)							
	36	Pump motor	15 minute rating	hp (kW)	2.7 (2)							
	37	Traction motor	Type/control method		AC/Mosfet							
	38	Pump motor	Type/control method		AC/Mosfet							
	39	Number of speeds		Traction/pump	Infinitely variable/Infinitely variable							

* Optional with Hyster Power Collect™

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
8mph maximum travel speed (unladen) (LO55 and LO60)	x	
6.5 mph maximum travel speed (unladen) (LO80)	x	
Foot-controlled rising platform		x
Coasting function		x
DRIVE	STD	OPT
Drive wheel - 10" x 3.5" NDIIthane	x	
3.3" x 3.5" tandem polyurethane load wheels (LO55)	x	
3.3" x 3.5" tandem polyurethane load wheels (LO60)		x
3.3" x 4.3" single polyurethane load wheels (LO60)	x	
3" x 5.5" single polyurethane load wheels (LO80)	x	
3" x 4.1" tandem polyurethane load wheels (LO80)		x
10" x 3.5" tophane drive wheel		x
Drive wheel - 10" x 3.5" NDIIthane conductive		x
LIFT	STD	OPT
670mm carriage (26.37" OAW)	x	
Initial lift h3 = 120mm (4.75")	x	
Forks LO55		
- 48"L x 7"W x 26.37"OAW	x	
- 96"L x 7"W x 26.37" OAW		x
Forks LO60		
- 36"L x 9"W x 26.37"OAW		x
- 42"L x 9"W x 26.37"OAW		x
- 48"L x 9"W x 26.37"OAW	x	
- 54"L x 9"W x 26.37"OAW		x
- 60"L x 9"W x 26.37"OAW		x
- 84"L x 9"W x 26.37"OAW		x
- 93"L x 9"W x 26.37"OAW		x
- 96"L x 9"W x 26.37"OAW		x
- 144"L x 9"W x 26.37"OAW		x
- 36"L x 10"W x 24"OAW		x
- 42"L x 10"W x 24"OAW		x
- 54"L x 10"W x 24"OAW		x
- 60"L x 10"W x 24"OAW		x
- 84"L x 10"W x 24"OAW		x
- 96"L x 10"W x 24"OAW		x
- 93"L x 10"W x 24"OAW		x
- 144"L x 10"W x 24"OAW		x
Forks LO80		
- 48"L x 9"W x 26.37"OAW	x	
- 69"L x 9"W x 26"OAW		x
- 84"L x 9"W x 26.37"OAW		x
- 93"L x 9"W x 26.37"OAW		x
- 96"L x 9"W x 26.37"OAW		x
- 144"L x 9"W x 26.37"OAW		x
- 84"L x 10"W x 24"OAW		x
- 96"L x 10"W x 24"OAW		x
- 93"L x 10"W x 24"OAW		x
- 144"L x 10"W x 24"OAW		x
610mm carriage (24" OAW) (LO60 and LO80)		x
HANDLING	STD	OPT
Without load backrest	x	
Auto speed reduction on cornering	x	
Load backrest raise H=71" from floor		x
ERGONOMICS	STD	OPT
Handle above operator backrest	x	
Scooter steer control	x	
Knee pad		x
Scooter steer control on lifting platform		x
Scooter control on lifting platform with platform control		x
OPERATION	STD	OPT
31.18"x14.05"x32.04" (792 x 357 x 814 mm) battery compartment (for 620 Ah DIN battery)	x	

OPERATION (CONTINUED)	STD	OPT
Battery removal without rollers - lift out	x	
Key switch start	x	
Standard display	x	
Fixed operator platform	x	
Without battery	x	
Without charger	x	
Side battery extraction - both sides		x
Side battery extraction - left side		x
Side battery extraction - right side		x
Operator password start interlock		x
Multifunctional display		x
Clip board		x
Convenience tray (load backrest mounted)		x
Multipurpose bar above motor cover		x
Stretch film roll holder		x
Trash bin in operator back rest		x
Raising operator platform h12 = 980 mm (38.6")		x
Raising operator platform h12 = 980 mm (38.6") with side arms		x
Low mounted bumper (rubber bumper)		x
Mid mounted bumper (bull bar)		x
Hyster Reaction™		x
Hyster Tracker™ wireless access HID Prox card reader		x
Hyster Tracker™ wireless access iClass MiFare prox card reader		x
Hyster Tracker™ wireless access ISO Prox card reader		x
Hyster Tracker™ wireless monitoring - Cell		x
Hyster Tracker™ wireless monitoring - Wifi		x
Hyster Tracker™ wireless verification		x
Audible alarm - reverse direction activated - self-adjusting 82-102 dB(A)		x
DC to DC converter - primary - for factory installed options - 25 amps/300 watts @ 12-volts		x
Less charger (wired plug included)		x
Battery cable extension 59" (1500mm)		x
Twin battery change station		x
Regenerative braking	x	
AC traction motor	x	
Brushless DC steer motor	x	
Dual-technology MOSFET combi controller	x	
Impact-resistant motor compartment cover	x	
Sealed combi controller (IP65 rating)	x	
Hall-effect sensors and switches (no wear, no adjustment)	x	
CANbus communication system	x	
1000 hours service intervals	x	
Electromagnetic braking	x	
Integrated system controls	x	
Stationary mounted traction motor	x	
Automotive-style sealed electrical connectors	x	
CONSTRUCTION	STD	OPT
Standard construction	x	
Cold storage construction (-22° F)		x
ENERGY SYSTEM	STD	OPT
24-volt electrical system	x	
Lead acid	x	
Hyster Power Collect™		x
SUPPLEMENTAL	STD	OPT
12 months/unlimited hour manufacturer's warranty		
36 months/6,000 hour powertrain warranty	x	
60 months/10,000 hour frame warranty		
Multiple extended protection coverage plans (please refer to the full extended warranty statements for additional details)		x
English literature pack and labels	x	
French literature pack and labels		x
Spanish literature pack and labels		x



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