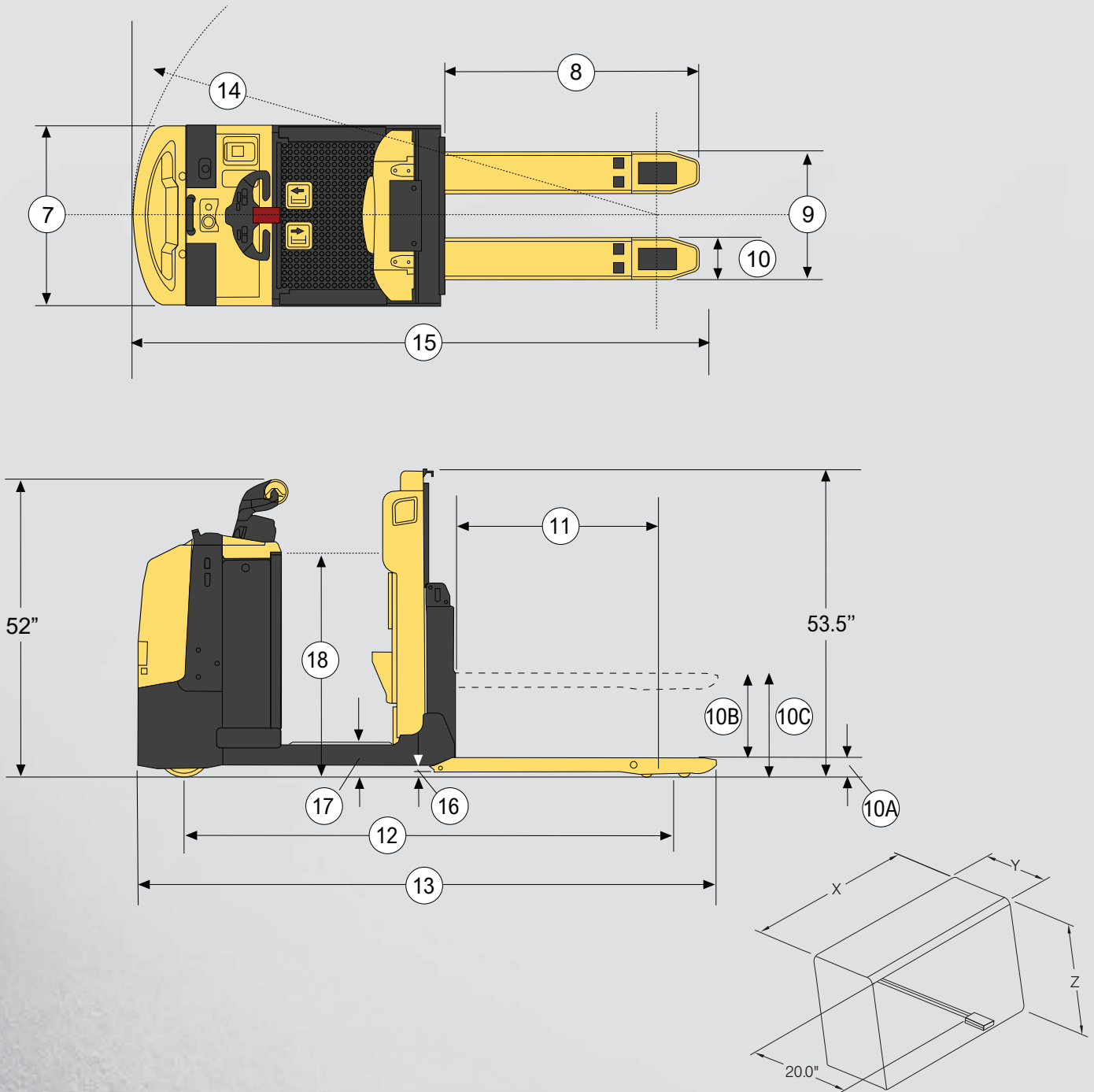




L055-80 SERIES TECHNICAL GUIDE

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> L055-80 DIMENSIONS



L055-80 BATTERY AND COMPARTMENT SPECIFICATIONS

Battery type	Battery compartment dimensions			Battery dimensions			Number of cells	Cell size	Plates per cell	Capacity 6
	Width	Length	Height	"X"	"Y"	"Z"				hour rate
				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)	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

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

L055-80 SPECIFICATIONS

GENERAL	1	Manufacturer		HYSTER		HYSTER			HYSTER				
	2	Model designation		L055		L060			L080				
	3	Power		Battery		Battery			Battery				
	4	Voltage		34		24			24				
	5	Operation		Orderpicker		Orderpicker			Orderpicker				
	6	Rated capacity	lbs (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)	6.5 / 5.3 (10.5 / 8.5)		5.6 (141)			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)			
23		Lower speed - NL/RL	Cab	ft/min (m/sec)	37 / 37 (0.189 x 0.189)		8 / 5 (0.039 / 0.023)			8 / 5 (0.039 / 0.023)			
			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)			
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		Electromagnetic			Electromagnetic				
WEIGHT	27	Truck weight - NL	Without battery	lbs (kg)	2888 (1310)		1950 (886)	1995 (907)	2030 (923)	1995 (907)	2100 (955)	2250 (1023)	
	28	Axle loading - drive - NL/RL	Static w/ max. wt. battery	lbs (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	lbs (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	lbs (kg)	1005 (456) / 1111 (504)		1005 (456) / 1111 (504)			1005 (456) / 1111 (504)			
TIRES & WHEELS	31	Tire type - drive / steer			Vulkollan / Polyurethane		Vulkollan / polyurethane			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		1X / 4			1X / 4			
ELECTRIC	34	Battery	Type		Lead acid		Lead acid			Lead acid			
	35	Traction motor	60 minute rating	hp (kW)	3.5 (2.6)		3.5 (2.6)			3.5 (2.6)			
	36	Pump motor	15 minute rating	hp (kW)	2.7 (2)		2.7 (2)			2.7 (2)			
	37	Traction motor	Type / control method		AC / Mosfet		AC / Mosfet			AC / Mosfet			
	38	Pump motor	Type / control method		AC / Mosfet		AC / Mosfet			AC / Mosfet			
	39	Number of speeds	Traction / pump		Infinitely variable / Infinitely variable		Infinitely variable / infinitely variable			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.

> STANDARD FEATURES AND OPTIONS

STANDARD FEATURES

- 31.18 x 14.05 x 32.04" (792 x 357 x 814 mm) battery compartment (for 620 Ah DIN battery)
- Battery removal without rollers - lift out
- 6.5mph maximum travel speed (unladen)
- Key switch start
- Without load backrest
- Forks (36"long x 26.37"OAW (6,000 lb model)
- Forks (48"long x 26.37"OAW (8,000 lb model)
- Dash display with hour meter and graphic battery state of charge indicators
- Handle above operator backrest
- Drive wheel - 10" x 3.5" NDIItthane
- 3.3" X 3.5" Tandem polyurethane load wheels
- Fixed operator platform
- Scooter steer control
- 12 months / no hour limit full truck warranty (please refer to the full warranty statement for additional details).
- Without battery
- Without charger
- English literature pack and labels
- Regenerative braking
- Adjustable performance settings
- Ac traction motor
- Brushless DC steer motor
- Dual-technology MOSFET Combi Controller
- Impact-resistant motor compartment cover
- Sealed combi controller (IP65 rating)
- Hall-effect sensors and switches (no wear, no adjustment)
- CANbus communication system
- 1000 hours service intervals


OPTIONAL FEATURES

- Side battery extraction - both sides
- Side battery extraction - left side
- Side battery extraction - right side
- 8mph maximum travel speed (unladen)
- Cold store construction (-22° f)
- Operator password start interlock
- Forks (48"long x 26.37"OAW (6,000 lb model)
- Forks (60"long x 26.37"OAW (6,000 lb model)
- Forks (96"long x 26.37"OAW (8,000 lb model)
- Forks (144"long x 26.37"OAW (8,000 lb model)
- Multifunctional display includes: hour meter, graphic battery state of charge indicator, maintenance indicator, alarm with fault code indicators, traction and acceleration reduction mode indicator
- Load backrest
- 10" X 3.5" Topthane drive wheel
- Drive wheel - 10" x 3.5" NDIItthane conductive
- 3.3" X 2.7" Tandem polyurethane load wheels
- Clip board
- Coasting function
- Convenience tray (load backrest mounted)
- Multipurpose bar above motor cover
- Stretch film roll holder
- Trash bin in operator back rest
- Raising operator platform
- Raising operator platform with retractable side arms
- Scooter steer control on lifting platform
- Scooter control on lifting platform with platform control
- Low mounted bumper (rubber bumper)
- Mid mounted bumper (bull bar)
- Hyster Tracker Wireless Access HID Prox Card Reader
- Hyster Tracker Wireless Access iClass MiFare Prox Card Reader
- Hyster Tracker Wireless Access ISO Prox Card Reader
- Hyster Tracker Wireless Monitoring - Cell
- Hyster Tracker Wireless Monitoring - Wifi
- Hyster Tracker Wireless Verification
- Hyster Reaction™ (available on LO55)
- Audible alarm - reverse direction activated - self-adjusting 82-102 dB(a)
- DC to DC converter - primary - for factory installed options - 25 amps/300 watts @ 12 volts
- Multiple extended protection coverage plans (please refer to the full extended warranty statements for additional details).
- French literature pack and labels
- Spanish literature pack and labels
- Less charger (wired plug included)
- Battery cable extension 59" (1500 mm)
- Twin battery change station



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