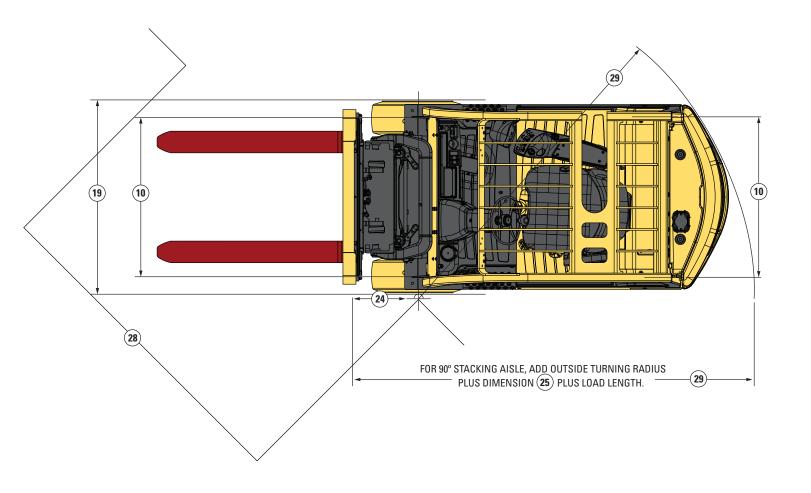


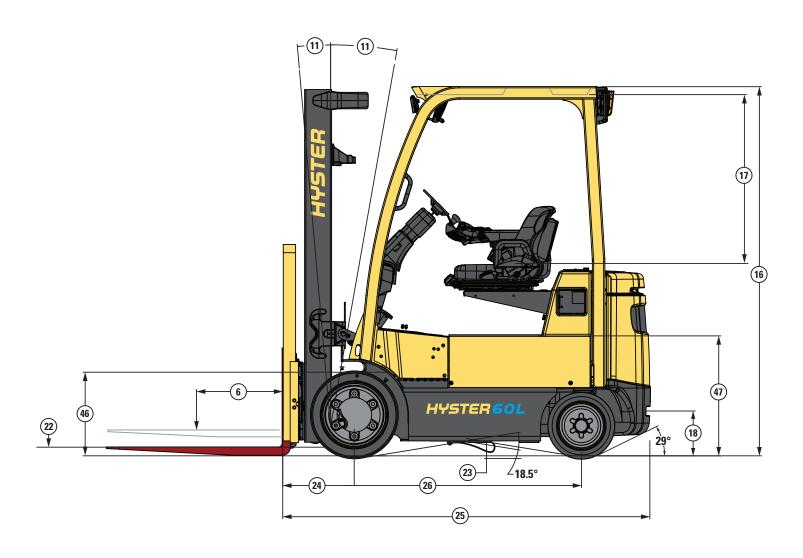
INTEGRATED LITHIUM-ION COUNTERBALANCED FORKLIFT

PRODUCT TECHNICAL GUIDE





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



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E50-60XNL SPECIFICATIONS

1	Manufacturer				ŀ	Hyster
2	Model designation				E50XNL	E60XNL
3	Power				E	lectric
4	Operation					Sit
5	Rated capacity			lb (kg)	5000 (2268)	6000 (2722)
6	Load center			in (mm)		4 (610)
7	Tire type - cushion, solid, pr	eumatic etc	Drive/steer	(11)		n / Cushion
8	Tire size	eumano, etc.	Drive/steer	in	21 x 7 x 15 / 16 x 5 x 10.5	21 x 8 x 15 / 16 x 6 x 10.5
9	Wheels - number	X=Driven		""		2X / 2
_			Drive/steer			
10	Tread	Tires Std dr.	/wide dr/steer	in (mm)	35.1/41.9/37 (892/1064/940)	35.6/40.9/36 (905/1039/915)
11	Mast tilt		Std opt opt	degrees		OF/5B (5F/4B)
12	Mast - lowered height		Std mast	in (mm)		(2085)
13	Free lift - top of fork	Std 2-stg limited free lift ma	ast	in (mm)	5	(140)
	Opt 2-stg full free lift mast w	rith/without LBR		in (mm)	33/60 (860/1525)	33/56 (855/1440)
14	Lift height - top of fork	Std 2-stg limited free lift ma	ast	in (mm)	125 (3192)	118 (3009)
15	Mast - extended height	Std mast with/without LBR		in (mm)	174/148 (4415/3740)	167/144 (4235/3655)
16	Overhead guard height	Std/drive in rack/opt/opt fla	t plate	in (mm)	88.5/88.5/86.5/84.1	(2248/2248/2197/2137)
17	SIP to bottom std OHG	Susp at mid-point	Std/susp/swivel	in (mm)	39.9/38.9/38	.8 (1014/989/987)
18	Tow pin height	Vertical center of pin		in (mm)		1 (280)
19	Overall width	Standard tread/wide tread		in (mm)	42.1/48.9 (1070/1242)	43.6/48.9 (1108/1242)
20	Forks	Thickness x width x length		in (mm)	1.6 x 3.9 x 42 (40 x 100 x 1067)	2 x 4.9 x 42 (50 x 125 x 1067)
21	Standard carriage width	The state of the s	Class II	in (mm)		.5 (977)
22	Ground clearance	Lowest point	NL/RL	in (mm)		.3 (91/85)
23	Ground clearance	Center of truck	NL/RL		3.9/3.6 (98/92)	3.7/3.6 (94/92)
24				in (mm)	,	,
	Load distance	Center of wheel to face of f	UTKS I	in (mm)	15.4 (390)	15.8 (402)
25	Length to face of forks	Chassis length		in (mm)	84.3 (2143)	86.5 (2199)
26	Wheelbase			in (mm)		2 (1377)
27	Right angle stack			in (mm)	137.5 (3493)	139.2 (3536)
28	Equal aisle	90° Intersecting aisle		in (mm)	73.1 (1858)	74.2 (1885)
29	Outside turning radius			in (mm)	74.2 (1884)	75.4 (1915)
30	Truck weight		NL	lb (kg)	9180 (4170)	10240 (4650)
31	Axle loading - drive	Static w/ max. wt. battery	NL/RL	lb (kg)	4090/1860 (12730/1460)	4180/1900 (14590/6620)
32	Axle loading - steer	Static w/ max. wt. battery	NL/RL	lb (kg)	5100/2315 (5780/665)	6070/2755 (6620/755)
33	Travel speed	Extended shift OFF	NL/RL	mph (km/h)	12.3/12.	5 (19.8/20.1)
		Extended shift ON	NL/RL	mph (km/h)	12.2/12.2 (19.7/19.7)	12.2/12.1 (19.7/19.4)
34	Lift speed	Std 2-stg LFL mast	NL/RL	ft/min (m/sec)	142/96 (0.72/0.49)	124/83 (0.63/0.42)
		Opt 2-stg FFL mast	NL/RL	ft/min (m/sec)	130/93 (0.66/0.47)	116/81 (0.59/0.41)
		Opt 3-stg FFL mast	NL/RL	ft/min (m/sec)	134/94 (0.68/0.48)	118/81 (0.6/0.41)
		Opt 4-stg FFL mast	NL/RL	ft/min (m/sec)	, ,	(0.69/0.48)
35	Lower speed	Std 2-stg LFL mast	NL/RL	ft/min (m/sec)	100/112 (0.51/0.57)	91/110 (0.46/0.56)
-05	LOTTOI OPUGU	Opt 2-stg FFL mast	NL/RL	ft/min (m/sec)	91/106 (0.46/0.54)	73/102 (0.37/0.52)
		Opt 3-stg FFL mast	NL/RL	ft/min (m/sec)	93/108 (0.47/0.55)	79/104 (0.4/0.53)
			NL/RL NL/RL			
20	Cradophility	Opt 4-stg FFL mast		ft/min (m/sec)		(0.39/0.46)
36	Gradeability	5 minute rating	NL/RL	%	39/33	36/28
٥=	D 1 "	60 minute rating	NL/RL	%	32/19	29/16
37	Drawbar pull	5 minute rating	NL/RL	LBF	3773/4926	3883/4830
		60 minute rating	NL/RL	LBF	3208/2993	3181/2912
38	Brake	Method of control	Service/parking			c/mechanical
		Method of operation	Service/parking		Fo	ot/foot
39	Battery	Туре			Lith	nium-ion
				VOLTS		80
40	Traction motor	60 minute rating		hp (kW)	31.	6 (23.6)
41	Pump motor	15% rating		hp (kW)	32	2.2 (24)
42	Traction motor	Type/control method			AC/t	ransistor
43	Pump motor	Type/control method				ransistor
44	Number of speeds	Traction/pump				ole/Infinitely variable
45	Step height	2000pap		in (mm)		.7 (475)
_	Floor height	Lowest point		in (mm)		4 (696)
46.	HOUR HEIGHT	LOWEST POINT		111 (111111)	21.	- (000)
46 47	•			ngi (har)	าาเ	50 (155)
46 47 48	Attachment relief pressure Auxiliary oil flow	3rd and 4th function		psi (bar) gal/min (l/min)		50 (155) 1 (40)

The following chargers are approved to use with the E50-60XNL lithium-ion battery:

Posicharge ProCORE (80V) - 10kW, 15kW, 20kW or 30kW single cable
EcoTec Fast Charge Access (80V) - 80-500-32FC or 80-650-32FC

Above specifications, unless otherwise listed, are for a standard truck without optional equipment. Right angle stack and equal intersecting aisle are calculated using a 40" wide pallet.

NL = no load, RL = rated load

Maximum fork height (TOF)	Overall lowered height	Overall exte	ended height	Free li	ft (TOF)	Approx. total wt. of standard equipped truck
(IOF)		w/ Load backrest	w/o Load backrest	w/ Load backrest	w/o Load backrest	E50XNL
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	lb (kg)
2-STAGE LIMITED	FREE LIFT (LFL) VI	STA®PLUS MAST				
125 (3192)	83 (2085)	174 (4415)	147 (3749)	5 (140)	5 (140)	9180 (4170)
133 (3392)	86 (2185)	182 (4615)	155 (3949)	5 (140)	5 (140)	9220 (4185)
137 (3492)	88 (2235)	186 (4715)	159 (4049)	5 (140)	5 (140)	9240 (4195)
2-STAGE FULL FR	REE LIFT (FFL) VISTA	A® MAST				
126 (3202)	83 (2085)	175 (4425)	148 (3759)	33 (862)	60 (1528)	9220 (4185)
133 (3402)	86 (2185)	183 (4625)	155 (3959)	37 (964)	64 (1628)	9260 (4205)
137 (3502)	88 (2235)	186 (4725)	159 (4059)	39 (1012)	66 (1678)	9280 (4215)
B-STAGE FULL FR	REE LIFT (FFL) VISTA	A [®] PLUS MAST				
189 (4800)	83 (2085)	238 (6023)	210 (5399)	33 (862)	60 (1546)	9560 (4340)
194 (4950)	85 (2135)	243 (6173)	216 (5489)	36 (917)	62 (1596)	9580 (4350)
200 (5100)	88 (2235)	249 (6323)	222 (5639)	39 (1012)	66 (1696)	9630 (4370)
218 (5550)	94 (2385)	267 (6773)	239 (6089)	45 (1162)	72 (1846)	9720 (4415)
236 (6000)	102 (2585)	285 (7223)	257 (6539)	53 (1362)	80 (2046)	9910 (4500)
-STAGE FULL FR	REE LIFT (FFL) VISTA	A® MAST				
240 (6098)	84 (2133)	289 (7321)	263 (6678)	35 (910)	61 (1553)	10100 (4585)
252 (6404)	88 (2235)	301 (7627)	275 (6984)	39 (1012)	65 (1655)	10160 (4610)
264 (6710)	92 (2336)	313 (7933)	287 (7290)	43 (1113)	69 (1756)	10220 (4640)

E60XNL MAST D	IMENSIONS					
Maximum fork height	Overall lowered	Overall exte	ended height	Free I	ift (TOF)	Approx. total wt. of standard equipped truck
(TOF)	height	w/ Load backrest	w/o Load backrest	w/ Load backrest	w/o Load backrest	E60XNL
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	lb (kg)
2-STAGE LIMITED F	REE LIFT (LFL) VIS	TA®PLUS MAST				
118 (3009)	83 (2085)	167 (4237)	143 (3654)	5 (150)	5 (150)	10240 (4650)
126 (3209)	86 (2185)	175 (4437)	151 (3854)	5 (150)	5 (150)	10280 (4665)
130 (3309)	88 (2235)	179 (4537)	155 (3954)	5 (150)	5 (150)	10300 (4675)
2-STAGE FULL FREE	E LIFT (FFL) VISTA®	MAST				
118 (3010)	83 (2085)	167 (4237)	144 (3655)	33 (857)	56 (1440)	10280 (4665)
126 (3210)	86 (2185)	175 (4437)	151 (3855)	37 (957)	60 (1540)	10320 (4685)
130 (3310)	88 (2235)	179 (4537)	155 (3955)	39 (1007)	62 (1590)	10340 (4695)
3-STAGE FULL FREE	E LIFT (FFL) VISTA®	PLUS MAST				
175 (4468)	83 (2085)	225 (5696)	200 (5095)	33 (857)	57 (1458)	10610 (4815)
181 (4618)	85 (2135)	231 (5846)	206 (5245)	35 (907)	59 (1508)	10640 (4830)
187 (4768)	88 (2235)	237 (5996)	212 (5395)	39 (1007)	63 (1608)	10660 (4840)
205 (5218)	94 (2385)	254 (6446)	230 (5845)	45 (1157)	69 (1758)	10770 (4890)
223 (5668)	102 (2585)	272 (6896)	248 (6295)	53 (1357)	77 (1958)	10910 (4955)
4-STAGE FULL FREE	LIFT (FFL) VISTA®	MAST				
240 (6098)	84 (2133)	289 (7321)	263 (6678)	35 (910)	61 (1553)	11000 (4995)
252 (6404)	88 (2235)	301 (7627)	275 (6984)	39 (1012)	65 (1655)	11060 (5020)
264 (6710)	92 (2336)	313 (7933)	287 (7290)	43 (1113)	69 (1756)	11120 (5050)

BATTERY SPECIFICATIONS AND ONBOARD CHARGING

The battery run time and battery charge time tables are a helpful guide to visualize the truck run time with different batteries in different applications. (The tables are a guide only and not a replacement for a site survey and full power study.)

Heavy – High throughput, typically runs full capacity, runs either attachments or has high lifts

Medium - High throughput, runs near capacity without attachments or high lifts

Light - Lower throughput, runs less than rated capacity without attachments or high lifts

The onboard charging option allows integrated lithium-ion forklifts to be charged via commonly available infrastructure without any facility equipment. Ideal for applications with limited charging options or those with the downtime for slower charging due to lower hour usage.

BATTERY SP	ECIFICATION	S	
	E50XNL BAT	TERY RUN TIME	
D-44		Application	
Battery size	Heavy	Medium	Light
33.6kWh	7h 15m	10h 15m	13h 45m
25.2kWh	5h 30m	7h 45m	10h 15m
16.8kWh	3h 30m	5h 0m	6h 45m
	E60XNL BAT	TERY RUN TIME	
Pattory cizo		Application	
Battery size	Heavy	Medium	Light
33.6kWh	6h 45m	9h 45m	13h 0m
25.2kWh	5h 0m	7h 15m	9h 45m
16.8kWh	3h 15m	4h 45m	6h 30m
	E50-60XNL BAT	TERY CHARGE TIME	
Charger size		Battery size	
Charger Size	33.6kWh	25.2kWh	16.8kWh
30kW	1h 15m	1h 0m*	1h 0m*
20kW	1h 45m	1h 15m	1h 0m*
15kW	2h 15m	1h 45m	1h 15m
10kW	3h 30m	2h 45m	1h 45m
5kW	6h 45m	5h 15m	3h 30m

Note: Run time is from 100% to lift-lock out. Charge time is from lift-lock
out to 100%. Charge times with * are limited to 1C charging (i.e. cannot
charge faster than 1 hour).

ONBOARD CHAR	GING		
	ONBOARD CHAP	RGE TIME	
Channan aina		Battery size	
Charger size	33.6kWh	25.2kWh	16.8kWh
6kW (240V outlet)	5h 10m	3h 55m	2h 35m
1.4kW (120V outlet)	22h 5m	16h 35m	11h 5m
BATTERY RECHARG	SE TIME FOLLOW	VING 1 HOUR OF	OPERATION
Charger size		Application	
Charger size	Heavy	Medium	Light
6kW (240V outlet)	0h 50m	0h 40m	0h 30m
1.4kW (120V outlet)	3h 50m	2h 30m	1h 50m

FEATURES AND OPTIONS

PERFORMANCE	STD	OPT
		UFI
80V electrical system	X	
80V @ 420Ah battery	Х	. v
80V @ 315Ah battery		X
80V @ 210Ah battery	.,	Х
Premium performance package	X	
AC traction and pump motors (completely brushless)	Х	
Transistor drive and pump control	X	
Advanced VSM (vehicle system manager)	X	
Progressive thermal management system	Х	v
Reverse Speed System		X
Onboard charging DRIVE	CTD	X
Smooth tread rubber drive tire and steer tire	STD	OPT
	Х	v
Non-marking, rubber, or lug tread tires		X
Wide tread tires	CTD	X OPT
LIFT 2-stage limited free lift (LFL) Hi-Vis™2 mast with maximum fork	STD	UPI
height of 125" (3192 mm) (E50XNL) or 118" (4800 mm) (E60XNL)	х	
Mast tilt option – 5° forward/5° back	Х	
2-stage full free lift (FFL) Hi-Vis™ mast		Х
3-stage full free lift (FFL) Hi-Vis™2 mast		Х
4-stage full free lift (FFL) Hi-Vis™ mast		Х
Mast tilt option – 10° forward/5° back		Х
Mast tilt option – 5° forward/4° back		Х
HANDLING	STD	OPT
38.5" (980 mm) wide class II (E50XNL) or class III (E60XNL) hook- type carriage with 38.5" (980 mm) high load backrest extension	х	
42" (1067 mm) long forks	х	
Carriage with integral sideshift		Х
Carriage with integral sideshifting fork positioner		Х
Attachment carriages		Х
Return to set tilt		Х
Accumulator		
Accumulator		Χ
Load weight indicator		X X
Load weight indicator	STD	х
Load weight indicator Hydraulic attachment extension tubes with quick disconnect fittings	STD X	X X
Load weight indicator Hydraulic attachment extension tubes with quick disconnect fittings ERGONOMICS		X X
Load weight indicator Hydraulic attachment extension tubes with quick disconnect fittings ERGONOMICS 12" steering wheel with integral spinner knob	Х	X X
Load weight indicator Hydraulic attachment extension tubes with quick disconnect fittings ERGONOMICS 12" steering wheel with integral spinner knob Non-suspension vinyl seat	x x	X X
Load weight indicator Hydraulic attachment extension tubes with quick disconnect fittings ERGONOMICS 12" steering wheel with integral spinner knob Non-suspension vinyl seat Black, non-cinch seat belt with Emergency Locking Retractor	x x x	X X
Load weight indicator Hydraulic attachment extension tubes with quick disconnect fittings ERGONOMICS 12" steering wheel with integral spinner knob Non-suspension vinyl seat Black, non-cinch seat belt with Emergency Locking Retractor Foot applied/hand released park brake	x x x	X X
Load weight indicator Hydraulic attachment extension tubes with quick disconnect fittings ERGONOMICS 12" steering wheel with integral spinner knob Non-suspension vinyl seat Black, non-cinch seat belt with Emergency Locking Retractor Foot applied/hand released park brake MONOTROL® foot direction control	X X X X	X X
Load weight indicator Hydraulic attachment extension tubes with quick disconnect fittings ERGONOMICS 12" steering wheel with integral spinner knob Non-suspension vinyl seat Black, non-cinch seat belt with Emergency Locking Retractor Foot applied/hand released park brake MONOTROL® foot direction control On-demand power steering	x x x x x	X X
Load weight indicator Hydraulic attachment extension tubes with quick disconnect fittings ERGONOMICS 12" steering wheel with integral spinner knob Non-suspension vinyl seat Black, non-cinch seat belt with Emergency Locking Retractor Foot applied/hand released park brake MONOTROL® foot direction control On-demand power steering Power assist braking	X X X X X	X X
Load weight indicator Hydraulic attachment extension tubes with quick disconnect fittings ERGONOMICS 12" steering wheel with integral spinner knob Non-suspension vinyl seat Black, non-cinch seat belt with Emergency Locking Retractor Foot applied/hand released park brake MONOTROL® foot direction control On-demand power steering Power assist braking Auto Deceleration System with regenerative braking	x x x x x x x x x x	X X
Load weight indicator Hydraulic attachment extension tubes with quick disconnect fittings ERGONOMICS 12" steering wheel with integral spinner knob Non-suspension vinyl seat Black, non-cinch seat belt with Emergency Locking Retractor Foot applied/hand released park brake MONOTROL® foot direction control On-demand power steering Power assist braking Auto Deceleration System with regenerative braking Multifunction display	x x x x x x x	X X
Load weight indicator Hydraulic attachment extension tubes with quick disconnect fittings ERGONOMICS 12" steering wheel with integral spinner knob Non-suspension vinyl seat Black, non-cinch seat belt with Emergency Locking Retractor Foot applied/hand released park brake MONOTROL® foot direction control On-demand power steering Power assist braking Auto Deceleration System with regenerative braking Multifunction display Easy ingress/egress with low step height and contoured handhold Operator convenience station - storage areas, beverage & clipboard	x x x x x x x x x x x	X X
Load weight indicator Hydraulic attachment extension tubes with quick disconnect fittings ERGONOMICS 12" steering wheel with integral spinner knob Non-suspension vinyl seat Black, non-cinch seat belt with Emergency Locking Retractor Foot applied/hand released park brake MONOTROL® foot direction control On-demand power steering Power assist braking Auto Deceleration System with regenerative braking Multifunction display Easy ingress/egress with low step height and contoured handhold Operator convenience station - storage areas, beverage & clipboard holders TouchPoint electro-hydraulic mini-lever controls with fully adjustable armrest	x x x x x x x x x	X X
Load weight indicator Hydraulic attachment extension tubes with quick disconnect fittings ERGONOMICS 12" steering wheel with integral spinner knob Non-suspension vinyl seat Black, non-cinch seat belt with Emergency Locking Retractor Foot applied/hand released park brake MONOTROL® foot direction control On-demand power steering Power assist braking Auto Deceleration System with regenerative braking Multifunction display Easy ingress/egress with low step height and contoured handhold Operator convenience station - storage areas, beverage & clipboard holders TouchPoint electro-hydraulic mini-lever controls with fully	x x x x x x x x x x x x x x x x x x x	X X

ERGONOMICS (continued) STD OPT Seatside power disconnect button x x Cooler/freezer package-operating temp: -20°F to +120°F x Air ride suspension seat x Non-suspension seat (cloth) x Full-suspension seat (vinyl or cloth) x Full-suspension swivel seat (vinyl or cloth) x Seatside directional control x Automatic electro-mechanical park brake x Telescopic steering column with tilt memory x LED and halogen work light packages x LED dome/reading light x Basic & premium LED brake/tail/back-up light packages x Key switch controlled lights x Rear drive handle with integrated horn button x Mirrors – dual side view or panoramic x Low mount display x OPERATION STD Standard construction x Key switch start x 88.5" grid style overhead guard x **Eully integrated CANbus communication x Hyster Stability System (HSS*) x Static strap x
Cooler/freezer package—operating temp: -20°F to +120°F Air ride suspension seat Air ride suspension seat Non-suspension seat (cloth) Full-suspension seat (vinyl or cloth) Full-suspension seat (vinyl or cloth) Seatside directional control Automatic electro-mechanical park brake Telescopic steering column with tilt memory LED and halogen work light packages LED dome/reading light Basic & premium LED brake/tail/back-up light packages Key switch controlled lights Rear drive handle with integrated horn button Mirrors — dual side view or panoramic Low mount display OPERATION Standard construction Key switch start 88.5" grid style overhead guard 3-function hydraulic control valve Fully integrated CANbus communication Lyster Stability System (HSS®) Static strap Tow pin On-board software: program, test & diagnose; password protected X Electronic horn with integral relay (long life/no adjustments) X = 4-function hydraulic control valve 86.5" grid style overhead guard 88.5" drive-in rack grid style overhead guard 88.5" drive-in rack grid style overhead guard 88.5" drive-in rack grid style overhead guard Keyless start (with auxiliary key switch) Audible alamm — reverse operation (manually adjustable to 87, 97 or 102 dB) Visible amber strobe light – continuous activated, overhead guard Impact monitor Operator password Operator daily checklist
Non-suspension seat (cloth) Full-suspension seat (vinyl or cloth) Full-suspension seat (vinyl or cloth) Full-suspension swivel seat (vinyl or cloth) Seatside directional control Automatic electro-mechanical park brake Telescopic steering column with tilt memory LED and halogen work light packages LED dome/reading light Basic & premium LED brake/tail/back-up light packages Key switch controlled lights Rear drive handle with integrated horn button Mirrors – dual side view or panoramic Low mount display OPERATION STD OPT Standard construction Key switch start 88.5" grid style overhead guard 3-function hydraulic control valve Fully integrated CANbus communication Hyster Stability System (HSS®) Static strap Tow pin On-board software: program, test & diagnose; password protected x Electronic horn with integral relay (long life/no adjustments) 4-function hydraulic control valve 88.5" grid style overhead guard 84.1" flat plate overhead guard 85.5" drive-in rack grid style overhead guard Keyless start (with auxiliary key switch) Audible alarm – reverse operation (manually adjustable to 87, 97 or 102 dB) Visible amber strobe light - continuous activated, overhead guard mounted Impact monitor Operator password Operator daily checklist
Full-suspension seat (vinyl or cloth) Full-suspension swivel seat (vinyl or cloth) Seatside directional control Automatic electro-mechanical park brake Telescopic steering column with tilt memory LED and halogen work light packages LED dome/reading light Basic & premium LED brake/tail/back-up light packages Key switch controlled lights Rear drive handle with integrated horn button Mirrors – dual side view or panoramic Low mount display OPERATION Standard construction Key switch start 88.5" grid style overhead guard 3-function hydraulic control valve Fully integrated CANbus communication Hyster Stability System (HSS®) Static strap Tow pin On-board software: program, test & diagnose; password protected Electronic horn with integral relay (long life/no adjustments) 4-function hydraulic control valve 88.5" grid style overhead guard 44.1" flat plate overhead guard 88.5" grid style overhead guard 88.5" drive-in rack grid style overhead guard 88.5" drive-in rack grid style overhead guard Reyless start (with auxiliary key switch) Audible alarm – reverse operation (manually adjustable to 87, 97 or 102 dB) Visible amber strobe light – continuous activated, overhead guard Munature monitor Operator daily checklist
Full-suspension swivel seat (vinyl or cloth) Seatside directional control Automatic electro-mechanical park brake Telescopic steering column with tilt memory LED and halogen work light packages LED dome/reading light Basic & premium LED brake/tail/back-up light packages Key switch controlled lights Rear drive handle with integrated horn button Mirrors – dual side view or panoramic Low mount display OPERATION Standard construction Key switch start 88.5" grid style overhead guard 3-function hydraulic control valve Fully integrated CANbus communication Hyster Stability System (HSS®) Static strap Tow pin On-board software: program, test & diagnose; password protected Electronic horn with integral relay (long life/no adjustments) 4-function hydraulic control valve 88.5" grid style overhead guard 4.1" flat plate overhead guard 88.5" grid style overhead guard 88.5" grid style overhead guard 88.5" drive-in rack grid style overhead guard Keyless start (with auxiliary key switch) Audible alarm — reverse operation (manually adjustable to 87, 97 or 102 dB) Visible amber strobe light - continuous activated, overhead guard mounted Impact monitor Operator daily checklist
Seatside directional control Automatic electro-mechanical park brake Telescopic steering column with tilt memory LED and halogen work light packages LED dome/reading light Basic & premium LED brake/tail/back-up light packages Key switch controlled lights Rear drive handle with integrated horn button Mirrors – dual side view or panoramic Low mount display OPERATION SID Standard construction Key switch start 88.5" grid style overhead guard 3-function hydraulic control valve Fully integrated CANbus communication Hyster Stability System (HSS®) Static strap Tow pin On-board software: program, test & diagnose; password protected Electronic horn with integral relay (long life/no adjustments) 4-function hydraulic control valve 86.5" grid style overhead guard 84.1" flat plate overhead guard 88.5" drive-in rack grid style overhead guard Keyless start (with auxiliary key switch) Audible alarm – reverse operation (manually adjustable to 87, 97 or 102 dB) Visible amber strobe light – continuous activated, overhead guard Impact monitor Operator daily checklist x X X X X X X X X X X X X
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Telescopic steering column with tilt memory LED and halogen work light packages LED dome/reading light Basic & premium LED brake/tail/back-up light packages Key switch controlled lights Rear drive handle with integrated horn button Mirrors — dual side view or panoramic Low mount display OPERATION STD OPT Standard construction Key switch start 88.5" grid style overhead guard 3-function hydraulic control valve Fully integrated CANbus communication Hyster Stability System (HSS®) Static strap Tow pin On-board software: program, test & diagnose; password protected Electronic horn with integral relay (long life/no adjustments) 4-function hydraulic control valve 86.5" grid style overhead guard 84.1" flat plate overhead guard 84.1" flat plate overhead guard 88.5" drive-in rack grid style overhead guard 88.5" drive-in rack grid style overhead guard Keyless start (with auxiliary key switch) Audible alarm — reverse operation (manually adjustable to 87, 97 or 102 dB) Visible amber strobe light - continuous activated, overhead guard mounted Impact monitor Operator daily checklist x X X X X X X X X X X X X
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Operator password x Operator daily checklist x
Operator daily checklist x
System monitor – hydraulic low fluid level indicator and hydraulic
filter service indicator
Fire extinguisher – 2.5 lb dry chemical
Synchronous steering x
Red, high-visibility, non-cinch seat belt with or without start interlock x
Hyster Reaction™ x
SUPPLEMENTAL STD OPT
12 month/2,000 hour full truck warranty x
36 month/6,000 hour powertrain warranty x
84 month/12,000 hour lithium-ion battery warranty x
Operating manual x





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CERTIFICATION: 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. 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.