

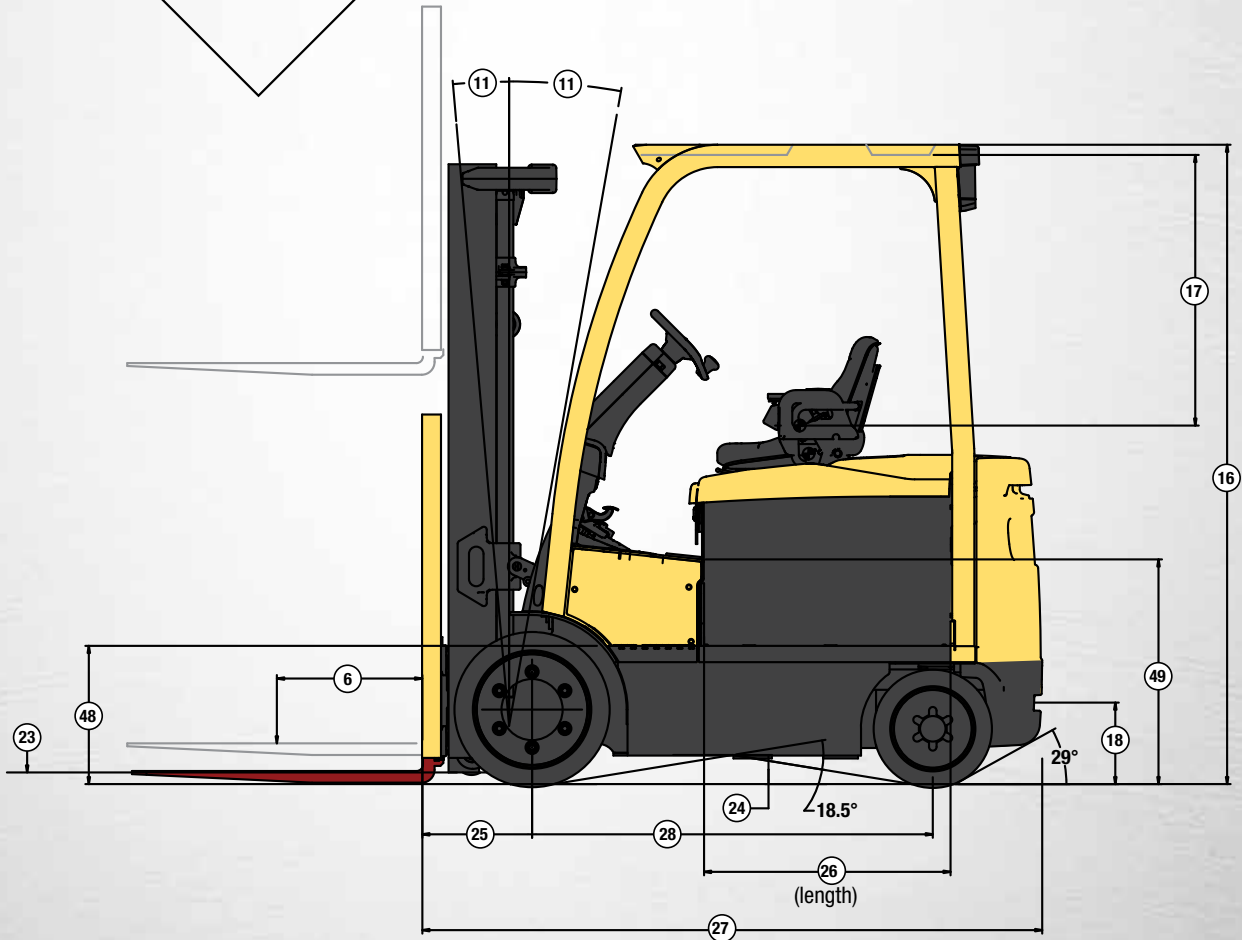
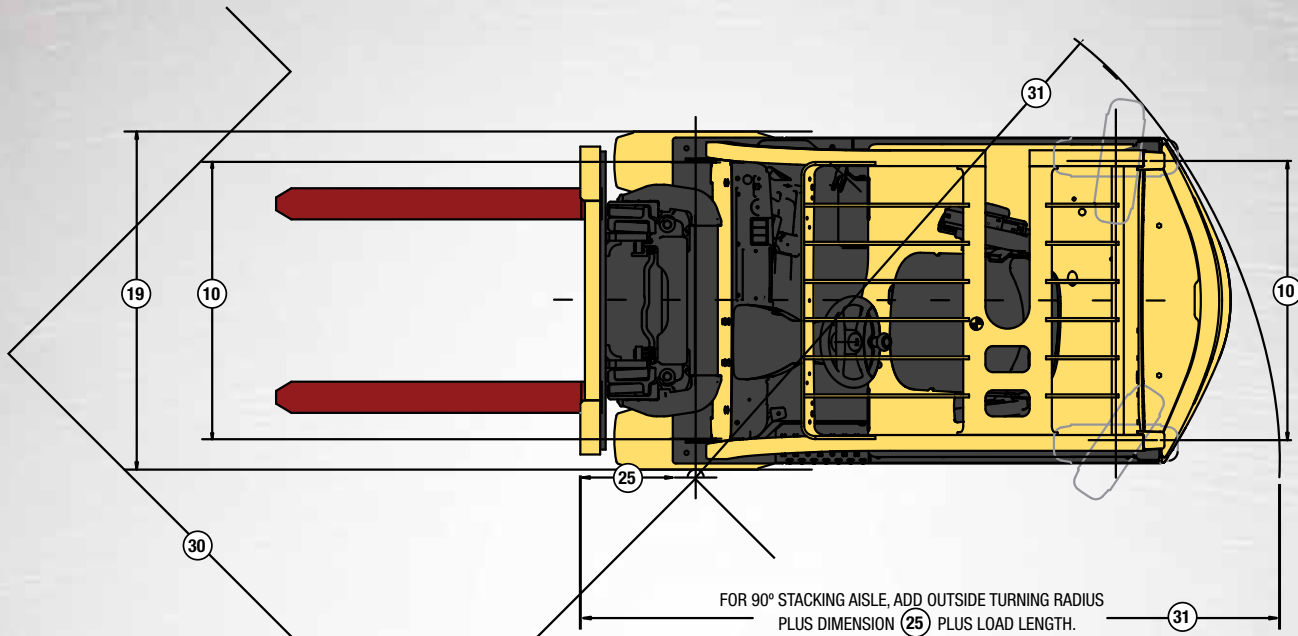
E45-70XN SERIES



**STRONG PARTNERS.
TOUGH TRUCKS.™**

TECHNICAL GUIDE
Counterbalanced Electric, Cushion Tire

E45-70XN DIMENSIONS



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

E45XN SPECIFICATIONS

	GENERAL			DIMENSIONS				WT.	PERFORMANCE					ELECTRIC	OTHER
1	Manufacturer								Hyster						
2	Model Designation								E45XN						
3	Power								Electric						
4	Operation								Sit						
5	Rated Capacity			lb (kg)					4500 (2041)						
6	Load Center			in (mm)					24 (610)						
7	Tire Type - Cushion, Solid, Pneumatic, etc.			Drive/Steer					Cushion/Cushion						
	Tire Size			Drive/Steer					in						
9	Wheels - Number		X=Driven	Drive/Steer					21 x 7 x 15 /16 x 5 x 10.5						
10	Tread		¢ Tires	Std Dr/Wide Dr/Steer					2X/2						
11	Mast Tilt			Std Opt Opt					in (mm)						
12	Mast - Lowered Height			Std Mast					degrees						
13	Free Lift - Top of Fork		Std 2 Stg Limited Free Lift Mast					in (mm)							
	Opt 2 Stg Full Free Lift Mast		with/without LBR					in (mm)							
14	Lift Height - Top of Fork		Std 2 Stg Limited Free Lift Mast					in (mm)							
15	Mast - Extended Height		Std Mast with/without LBR					in (mm)							
16	Overhead Guard Height		Std/Drive in Rack/Opt/Opt Flat Plate					in (mm)							
17	SIP to Bottom Std OHG		Susp at Mid-Point Std/Susp/Swivel					in (mm)							
18	Tow Pin Height		Vertical Center of Pin					in (mm)							
19	Overall Width		Standard Tread/Wide Tread					in (mm)							
20	Forks		Thickness x Width x Length					in (mm)							
21	Standard Carriage Width		Class II					in (mm)							
22	Floor to Top of Battery Rollers								in (mm)						
23	Ground Clearance		Lowest Point				NL/RL	in (mm)							
24	Ground Clearance		Center of Truck				NL/RL	in (mm)							
25	Load Distance		Center of Wheel to Face of Forks					in (mm)							
26	Battery Compartment		Height Without/With Battery Rollers					in (mm)							
			Width					in (mm)							
			Nominal SIZE					27" 30" 33"							
			Length Actual					in (mm)							
27	Length to Face of Forks		Chassis Length					in (mm)							
28	Wheelbase							in (mm)							
29	Right Angle Stack							in (mm)							
30	Equal Aisle		90° Intersecting Aisle					in (mm)							
31	Outside Turning Radius							in (mm)							
32	Truck Weight		Without Battery				NL	lb (kg)							
33	Axle Loading - Drive		Static w/ Max. Wt. Battery				NL/RL	lb (kg)							
34	Axle Loading - Steer		Static w/ Max. Wt. Battery				NL/RL	lb (kg)							
								Standard Performance					PowerPlus Performance		
								VOLTS							
36	Travel Speed		Extended Shift OFF				NL/RL	mph (km/h)		36 48		48 80			
			Extended Shift ON				NL/RL	mph (km/h)		10.9/9.9 (17.6/15.9) 11.3/11.3 (18.2/18.2)		12.3/12.8 (19.8/20.6) 12.3/12.5 (19.8/20.1)			
37	Lift Speed		Std 2 Stg LFL Mast				NL/RL	ft/min (m/sec)		9.8/8.8 (15.8/14.2) 10.7/9.9 (17.2/15.9)		12.2/12.4 (19.7/19.9) 12.2/12.3 (19.7/19.8)			
			Opt 2 Stg FFL Mast				NL/RL	ft/min (m/sec)		100/59 (0.51/0.3) 124/79 (0.63/0.4)		142/102 (0.72/0.52) 142/102 (0.72/0.52)			
			Opt 3 Stg FFL Mast				NL/RL	ft/min (m/sec)		93/59 (0.47/0.3) 124/81 (0.63/0.41)		130/98 (0.66/0.5) 130/98 (0.66/0.5)			
			Opt 4 Stg FFL Mast				NL/RL	ft/min (m/sec)		94/59 (0.48/0.3) 124/79 (0.63/0.4)		134/100 (0.68/0.51) 134/100 (0.68/0.51)			
38	Lower Speed		Std 2 Stg LFL Mast				NL/RL	ft/min (m/sec)		96/59 (0.49/0.3) 0.67/79 (0.63/0.4)		136/100 (0.69/0.51) 136/100 (0.69/0.51)			
			Opt 2 Stg FFL Mast				NL/RL	ft/min (m/sec)		100/112 (0.51/0.57)					
			Opt 3 Stg FFL Mast				NL/RL	ft/min (m/sec)		91/102 (0.46/0.52)					
			Opt 4 Stg FFL Mast				NL/RL	ft/min (m/sec)		93/106 (0.47/0.54)					
39	Gradeability		5 Minute Rating				NL/RL	%		39/23 40/25		39/27 39/34			
			60 Minute Rating				NL/RL	%		14/8 15/9		25/16 32/20			
40	Drawbar Pull		5 Minute Rating				NL/RL	lbf		3373/3202 3486/3306		3773/3946 3773/4968			
			60 Minute Rating				NL/RL	lbf		1317/1178 1402/1262		2545/2375 3208/3026			
41	Brake		Method of Control				Service/Parking		Hydraulic/Mechanical						
			Method of Operation				Service/Parking		Foot/Foot						
42	Battery		Type				Lead Acid								
								Standard Performance					PowerPlus Performance		
								VOLTS							
43	Traction Motor		60 Minute Rating					hp (kW)		36 48		48 80			
44	Pump Motor		15% Rating					hp (kW)		24.7 (18.4) 24.7 (18.4)		31.6 (23.6) 31.6 (23.6)			
45	Traction Motor		Type/Control Method				AC/Transistor								
46	Pump Motor		Type/Control Method				AC/Transistor								
47	Number of Speeds		Traction/Pump				Infinitely Variable/Infinitely Variable								
48	Step Height							in (mm)							
49	Floor Height		Lowest Point					in (mm)							
50	Attachment Relief Pressure							psi (bar)							
51	Auxiliary Oil Flow		3rd and 4th Function					gal/min (l/min)							
52	Sound Level		Measured per ANSI B56.11.5					dB (A)							

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

Right Angle Stack and Equal Intersecting Aisle dimensions provided with a 48" long and 40" wide pallet load, allowing zero clearance.

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.

NOTE: Performance specifications/ratings are for truck equipped as described under Standard Equipment in this technical guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature and condition of the operating area. Specifications are subject to change and the proposed application should be discussed with your authorized Hyster Company dealer.

E50XN SPECIFICATIONS

GENERAL	1 Manufacturer		Hyster				
	2 Model Designation		E50XN				
TIRES	3 Power		Electric				
	4 Operation		Sit				
DIMENSIONS	5 Rated Capacity		lb (kg)		5000 (2268)		
	6 Load Center		in (mm)		24 (610)		
WT.	7 Tire Type - Cushion, Solid, Pneumatic, etc.		Drive/Steer		Cushion / Cushion		
	8 Tire Size		Drive/Steer		in		
PERFORMANCE	9 Wheels - Number		X=Driven		2X / 2		
	10 Tread		Std Dr/Wide Dr/Steer		in (mm)		
OTHER	11 Mast Tilt		Std Opt Opt		degrees		
	12 Mast - Lowered Height		Std Mast		in (mm)		
GENERAL	13 Free Lift - Top of Fork		Std 2 Stg Limited Free Lift Mast		in (mm)		
	14 Lift Height - Top of Fork		Std 2 Stg Limited Free Lift Mast		in (mm)		
DIMENSIONS	15 Mast - Extended Height		Std Mast with/without LBR		in (mm)		
	16 Overhead Guard Height		Std/Drive in Rack/Opt/Opt Flat Plate		in (mm)		
WT.	17 SIP to Bottom Std OHG		Susp at Mid-Point		Std/Susp/Swivel		
	18 Tow Pin Height		Vertical Center of Pin		in (mm)		
PERFORMANCE	19 Overall Width		Standard Tread/Wide Tread		in (mm)		
	20 Forks		Thickness x Width x Length		in (mm)		
GENERAL	21 Standard Carriage Width		Class II		in (mm)		
	22 Floor to Top of Battery Rollers				in (mm)		
DIMENSIONS	23 Ground Clearance		Lowest Point		NL/RL		
	24 Ground Clearance		Center of Truck		NL/RL		
WT.	25 Load Distance		Center of Wheel to Face of Forks		in (mm)		
	26 Battery Compartment		Height		Without/With Battery Rollers		
PERFORMANCE	27 Length to Face of Forks		Chassis Length		in (mm)		
	28 Wheelbase				in (mm)		
GENERAL	29 Right Angle Stack				in (mm)		
	30 Equal Aisle		90° Intersecting Aisle		in (mm)		
DIMENSIONS	31 Outside Turning Radius				in (mm)		
	32 Truck Weight		Without Battery		NL		
WT.	33 Axle Loading - Drive		Static w/ Max. Wt. Battery		NL/RL		
	34 Axle Loading - Steer		Static w/ Max. Wt. Battery		NL/RL		
PERFORMANCE	36 Travel Speed		Extended Shift OFF		NL/RL		
	37 Lift Speed		Extended Shift ON		NL/RL		
GENERAL	38 Lower Speed		Std 2 Stg LFL Mast		NL/RL		
	39 Gradeability		5 Minute Rating		NL/RL		
PERFORMANCE	40 Drawbar Pull		5 Minute Rating		NL/RL		
	41 Brake		60 Minute Rating		NL/RL		
ELECTRIC	42 Battery		Type		Lead Acid		
	43 Traction Motor		60 Minute Rating		hp (kW)		
OTHER	44 Pump Motor		15% Rating		hp (kW)		
	45 Traction Motor		Type/Control Method		AC / Transistor		
GENERAL	46 Pump Motor		Type/Control Method		AC / Transistor		
	47 Number of Speeds		Traction/Pump		Infinitely Variable / Infinitely Variable		
DIMENSIONS	48 Step Height				in (mm)		
	49 Floor Height		Lowest Point		in (mm)		
WT.	50 Attachment Relief Pressure				psi (bar)		
	51 Auxiliary Oil Flow		3rd and 4th Function		gal/min (l/min)		
PERFORMANCE	52 Sound Level		Measured per ANSI B56.11.5		dB (A)		
					Standard Performance		PowerPlus Performance
				VOLTS		VOLTS	
				36		48	
				48		80	
				mph (km/h)		mph (km/h)	
				10.7/9.6 (17.3/15.4)		11.3/11.3 (18.2/18.2)	
				9.7/8.7 (15.6/14)		10.6/9.8 (17.1/15.8)	
				12.3/12.8 (19.8/20.6)		12.2/12.2 (19.7/19.9)	
				12.3/12.5 (19.8/20.1)		12.2/12.2 (19.7/19.9)	
				ft/min (m/sec)		ft/min (m/sec)	
				100/55 (0.51/0.28)		124/75 (0.63/0.38)	
				142/96 (0.72/0.49)		142/96 (0.72/0.49)	
				93/57 (0.47/0.29)		124/77 (0.63/0.39)	
				130/93 (0.66/0.47)		130/93 (0.66/0.47)	
				94/57 (0.48/0.29)		124/77 (0.63/0.39)	
				134/94 (0.68/0.48)		134/94 (0.68/0.48)	
				96/57 (0.49/0.29)		124/75 (0.63/0.38)	
				136/94 (0.69/0.48)		136/94 (0.69/0.48)	
				ft/min (m/sec)		ft/min (m/sec)	
				100/112 (0.51/0.57)		91/106 (0.46/0.54)	
				93/108 (0.47/0.55)		77/91 (0.39/0.46)	
				%		%	
				35/20		36/21	
				13/7		14/8	
				25/15		32/19	
				lbf		lbf	
				3358/3152		3464/3257	
				1295/1129		1380/1212	
				2545/2345		3208/2993	
				Service/Parking		Hydraulic / Mechanical	
				Service/Parking		Foot / Foot	
						Lead Acid	
				VOLTS		VOLTS	
				36		48	
				48		80	
				hp (kW)		hp (kW)	
				24.7 (18.4)		24.7 (18.4)	
				16.6 (12.4)		22.4 (16.7)	
				31.6 (23.6)		31.6 (23.6)	
				32.2 (24)		31.8 (23.7)	
				AC / Transistor		AC / Transistor	
				AC / Transistor		AC / Transistor	
				Infinitely Variable / Infinitely Variable		Infinitely Variable / Infinitely Variable	
				in (mm)		in (mm)	
				18.7 (475)		30.4 (772)	
				psi (bar)		psi (bar)	
				2250 (155)		11 (40)	
				gal/min (l/min)		gal/min (l/min)	
				60		60	
				65		65	
				dB (A)		dB (A)	
				60		65	

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

Right Angle Stack and Equal Intersecting Aisle dimensions provided with a 48" long and 40" wide pallet load, allowing zero clearance.

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.

NOTE: Performance specifications/ratings are for truck equipped as described under Standard Equipment in this technical guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature and condition of the operating area. Specifications are subject to change and the proposed application should be discussed with your authorized Hyster Company dealer.

E55XN SPECIFICATIONS

GENERAL	1 Manufacturer		Hyster						
	2 Model Designation		E55XN						
GENERAL	3 Power		Electric						
	4 Operation		Sit						
GENERAL	5 Rated Capacity		5500 (2495) lb (kg)						
	6 Load Center		24 (610) in (mm)						
TIRES	7 Tire Type - Cushion, Solid, Pneumatic, etc.		Drive/Steer		Cushion / Cushion				
	8 Tire Size		Drive/Steer		in				
TIRES	9 Wheels - Number		X=Driven		Drive/Steer				
	10 Tread		c Tires		Std Dr/Wide Dr/Steer				
DIMENSIONS	11 Mast Tilt		Std Opt Opt		degrees				
	12 Mast - Lowered Height		Std Mast		in (mm)				
DIMENSIONS	13 Free Lift - Top of Fork		Std 2 Stg Limited Free Lift Mast		in (mm)				
	14 Lift Height - Top of Fork		Std 2 Stg Limited Free Lift Mast		in (mm)				
DIMENSIONS	15 Mast - Extended Height		Std Mast with/without LBR		in (mm)				
	16 Overhead Guard Height		Std/Drive in Rack/Opt/Opt Flat Plate		in (mm)				
DIMENSIONS	17 SIP to Bottom Std OHG		Susp at Mid-Point Std/Susp/Swivel		in (mm)				
	18 Tow Pin Height		Vertical Center of Pin		in (mm)				
DIMENSIONS	19 Overall Width		Standard Tread/Wide Tread		in (mm)				
	20 Forks		Thickness x Width x Length		in (mm)				
DIMENSIONS	21 Standard Carriage Width		Class II		in (mm)				
	22 Floor to Top of Battery Rollers				in (mm)				
DIMENSIONS	23 Ground Clearance		Lowest Point		NL/RL				
	24 Ground Clearance		Center of Truck		NL/RL				
DIMENSIONS	25 Load Distance		Center of Wheel to Face of Forks		in (mm)				
	26 Battery Compartment		Height Without/With Battery Rollers		in (mm)				
DIMENSIONS			Width		in (mm)				
			Nominal SIZE		33"				
DIMENSIONS			Length		Actual				
	27 Length to Face of Forks		Chassis Length		in (mm)				
DIMENSIONS	28 Wheelbase				in (mm)				
	29 Right Angle Stack				in (mm)				
DIMENSIONS	30 Equal Aisle		90° Intersecting Aisle		in (mm)				
	31 Outside Turning Radius				in (mm)				
WT.	32 Truck Weight		Without Battery		NL lb (kg)				
	33 Axle Loading - Drive		Static w/ Max. Wt. Battery		NL/RL lb (kg)				
WT.	34 Axle Loading - Steer		Static w/ Max. Wt. Battery		NL/RL lb (kg)				
					VOLTS				
PERFORMANCE	36 Travel Speed		Extended Shift OFF		NL/RL mph (km/h)				
			Extended Shift ON		NL/RL mph (km/h)				
PERFORMANCE	37 Lift Speed		Std 2 Stg LFL Mast		NL/RL ft/min (m/sec)				
			Opt 2 Stg FFL Mast		NL/RL ft/min (m/sec)				
PERFORMANCE			Opt 3 Stg FFL Mast		NL/RL ft/min (m/sec)				
			Opt 4 Stg FFL Mast		NL/RL ft/min (m/sec)				
PERFORMANCE	38 Lower Speed		Std 2 Stg LFL Mast		NL/RL ft/min (m/sec)				
			Opt 2 Stg FFL Mast		NL/RL ft/min (m/sec)				
PERFORMANCE			Opt 3 Stg FFL Mast		NL/RL ft/min (m/sec)				
			Opt 4 Stg FFL Mast		NL/RL ft/min (m/sec)				
PERFORMANCE	39 Gradeability		5 Minute Rating		NL/RL %				
			60 Minute Rating		NL/RL %				
PERFORMANCE	40 Drawbar Pull		5 Minute Rating		NL/RL lbf				
			60 Minute Rating		NL/RL lbf				
PERFORMANCE	41 Brake		Method of Control		Service/Parking				
			Method of Operation		Service/Parking				
ELECTRIC	42 Battery		Type		Lead Acid				
					Standard Performance		PowerPlus Performance		
ELECTRIC	43 Traction Motor		60 Minute Rating		36 48		48 80		
	44 Pump Motor		15% Rating		hp (kW)		hp (kW)		
ELECTRIC	45 Traction Motor		Type/Control Method		AC / Transistor				
	46 Pump Motor		Type/Control Method		AC / Transistor				
ELECTRIC	47 Number of Speeds		Traction/Pump		Infinitely Variable / Infinitely Variable				
	48 Step Height				in (mm)				
OTHER	49 Floor Height		Lowest Point		in (mm)				
	50 Attachment Relief Pressure				psi (bar)				
OTHER	51 Auxiliary Oil Flow		3rd and 4th Function		gal/min (l/min)				
	52 Sound Level		Measured per ANSI B56.11.5		dB (A)				
				Standard Performance		PowerPlus Performance			
				36		48		48	
36 Travel Speed				mph (km/h)		10.7/9.4 (17.3/15.1)		11.3/11.3 (18.2/18.2)	
				12.3/12.8 (19.8/20.6)		12.3/12.5 (19.8/20.1)			
37 Lift Speed				ft/min (m/sec)		100/53 (0.51/0.27)		124/71 (0.63/0.36)	
				142/93 (0.72/0.47)		142/93 (0.72/0.47)			
38 Lower Speed				ft/min (m/sec)		93/57 (0.47/0.29)		124/75 (0.63/0.38)	
				130/89 (0.66/0.45)		130/89 (0.66/0.45)			
39 Gradeability				%		34/19		34/20	
				%		12/7		13/8	
40 Drawbar Pull				lbf		3350/3139		3456/3243	
				lbf		1287/1111		1373/1198	
41 Brake						2535/2310		3198/2956	
42 Battery									
43 Traction Motor				hp (kW)		24.7 (18.4)		24.7 (18.4)	
44 Pump Motor				hp (kW)		16.6 (12.4)		22.4 (16.7)	
45 Traction Motor									
46 Pump Motor									
47 Number of Speeds									
48 Step Height				in (mm)		18.7 (475)		18.7 (475)	
49 Floor Height				in (mm)		30.4 (772)		30.4 (772)	
50 Attachment Relief Pressure				psi (bar)		2250 (155)		2250 (155)	
51 Auxiliary Oil Flow				gal/min (l/min)		11 (40)		11 (40)	
52 Sound Level				dB (A)		60		60	
						65		65	

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Right Angle Stack and Equal Intersecting Aisle dimensions provided with a 48" long and 40" wide pallet load, allowing zero clearance.

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E60XN SPECIFICATIONS

GENERAL	1 Manufacturer		Hyster	
	2 Model Designation		E60XN	
3 Power		Electric		
4 Operation		Sit		
5 Rated Capacity		6000 (2722)		
6 Load Center		24 (610)		
TIRES	7 Tire Type - Cushion, Solid, Pneumatic, etc.		Drive/Steer Cushion / Cushion	
	8 Tire Size		in 21 x 8 x 15 / 16 x 6 x 10.5	
9 Wheels - Number		X=Driven Drive/Steer 2X / 2		
10 Tread		c Tires Std Dr/Wide Dr/Steer in (mm) 35.6/40.9/36 (905/1039/915)		
11 Mast Tilt		Std Opt Opt degrees 5F/5B 10F/5B (5F/4B)		
12 Mast - Lowered Height		Std Mast in (mm) 83 (2085)		
13 Free Lift - Top of Fork		Std 2 Stg Limited Free Lift Mast in (mm) 5 (140)		
14 Lift Height - Top of Fork		Opt 2 Stg Full Free Lift Mast with/without LBR in (mm) 33/56 (855/1440)		
15 Mast - Extended Height		Std 2 Stg Limited Free Lift Mast in (mm) 118 (3009)		
16 Overhead Guard Height		Std Mast with/without LBR in (mm) 167/144 (4235/3655)		
17 SIP to Bottom Std OHG		Std/Drive in Rack/Opt/Opt Flat Plate in (mm) 88.5/88.5/86.5/84.1 (2248/2248/2197/2137)		
18 Tow Pin Height		Susp at Mid-Point Std/Susp/Swivel in (mm) 38.3/37.4/37.3 (975/950/948)		
19 Overall Width		Vertical Center of Pin in (mm) 11 (280)		
20 Forks		Standard Tread/Wide Tread in (mm) 43.6/48.9 (1108/1242)		
DIMENSIONS	21 Standard Carriage Width		Thickness x Width x Length in (mm) 2 x 4.9 x 42 (50 x 125 x 1067)	
	22 Floor to Top of Battery Rollers		Class II in (mm) 38.5 (977)	
	23 Ground Clearance		Lowest Point NL/RL in (mm) 17.2 (436)	
	24 Ground Clearance		Center of Truck NL/RL in (mm) 3.6/3.3 (91/85)	
	25 Load Distance		Center of Wheel to Face of Forks in (mm) 3.7/3.6 (94/92)	
	26 Battery Compartment		Height Without/With Battery Rollers in (mm) 15.8 (402)	
			Width in (mm) 23.9/23.3 (607/593)	
			Nominal SIZE 33"	
			Length Actual in (mm) 39.1 (992)	
	27 Length to Face of Forks		Chassis Length in (mm) 33.3 (847)	
28 Wheelbase		in (mm) 86.5 (2199)		
29 Right Angle Stack		in (mm) 54.2 (1377)		
30 Equal Aisle		90° Intersecting Aisle in (mm) 139.2 (3536)		
31 Outside Turning Radius		in (mm) 74.2 (1885)		
WT.	32 Truck Weight		Without Battery NL lb (kg) 75.4 (1915)	
	33 Axle Loading - Drive		Static w/ Max. Wt. Battery NL/RL lb (kg) 4474/14882 (2029/6750)	
	34 Axle Loading - Steer		Static w/ Max. Wt. Battery NL/RL lb (kg) 6769/2361 (3070/1071)	
			VOLTS Standard Performance 36 PowerPlus Performance 48 48 80	
PERFORMANCE	36 Travel Speed		Extended Shift OFF NL/RL mph (km/h) 10.6/9.1 (17/14.6)	
			Extended Shift ON NL/RL mph (km/h) 11.3/11.3 (18.2/18.2)	
	37 Lift Speed		Std 2 Stg LFL Mast NL/RL ft/min (m/sec) 9.5/8.3 (15.3/13.3)	
			Opt 2 Stg FFL Mast NL/RL ft/min (m/sec) 10.4/9.4 (16.7/15.1)	
			Opt 3 Stg FFL Mast NL/RL ft/min (m/sec) 12.3/12.8 (19.8/20.6)	
			Opt 4 Stg FFL Mast NL/RL ft/min (m/sec) 12.3/12.1 (19.7/19.4)	
	38 Lower Speed		Std 2 Stg LFL Mast NL/RL ft/min (m/sec) 93/49 (0.47/0.25)	
			Opt 2 Stg FFL Mast NL/RL ft/min (m/sec) 116/65 (0.59/0.33)	
			Opt 3 Stg FFL Mast NL/RL ft/min (m/sec) 124/83 (0.63/0.42)	
			Opt 4 Stg FFL Mast NL/RL ft/min (m/sec) 124/83 (0.63/0.42)	
39 Gradeability		5 Minute Rating NL/RL % 32/19		
		60 Minute Rating NL/RL % 12/7		
40 Drawbar Pull		5 Minute Rating NL/RL lbf 3342/3124		
		60 Minute Rating NL/RL lbf 3448/3229		
41 Brake		Method of Control Service/Parking Hydraulic / Mechanical		
		Method of Operation Service/Parking Foot / Foot		
ELECTRIC	42 Battery		Type Lead Acid	
			Standard Performance 36 PowerPlus Performance 48 48 80	
	43 Traction Motor		60 Minute Rating hp (kW) 24.7 (18.4)	
	44 Pump Motor		15% Rating hp (kW) 16.6 (12.4)	
	45 Traction Motor		Type/Control Method AC / Transistor	
	46 Pump Motor		Type/Control Method AC / Transistor	
47 Number of Speeds		Traction/Pump Infinitely Variable / Infinitely Variable		
OTHER	48 Step Height		in (mm) 18.7 (475)	
	49 Floor Height		Lowest Point in (mm) 30.4 (772)	
	50 Attachment Relief Pressure		psi (bar) 2250 (155)	
	51 Auxiliary Oil Flow		3rd and 4th Function gal/min (l/min) 11 (40)	
	52 Sound Level		Measured per ANSI B56.11.5 dB (A) 60 60 65 65	

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

Right Angle Stack and Equal Intersecting Aisle dimensions provided with a 48" long and 40" wide pallet load, allowing zero clearance.

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.

NOTE: Performance specifications/ratings are for truck equipped as described under Standard Equipment in this technical guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature and condition of the operating area. Specifications are subject to change and the proposed application should be discussed with your authorized Hyster Company dealer.

E65XN SPECIFICATIONS

GENERAL	1 Manufacturer		Hyster			
	2 Model Designation		E65XN			
TIRES	3 Power		Electric			
	4 Operation		Sit			
DIMENSIONS	5 Rated Capacity		lb (kg)		6500 (2948)	
	6 Load Center		in (mm)		24 (610)	
WT.	7 Tire Type - Cushion, Solid, Pneumatic, etc.		Drive/Steer		Cushion / Cushion	
	8 Tire Size		Drive/Steer		in	
PERFORMANCE	9 Wheels - Number		X=Driven		Drive/Steer	
	10 Tread		c Tires		Std Dr/Wide Dr/Steer	
OTHER	11 Mast Tilt		Std Opt Opt		degrees	
	12 Mast - Lowered Height		Std Mast		in (mm)	
GENERAL	13 Free Lift - Top of Fork		Std 2 Stg Limited Free Lift Mast		in (mm)	
	14 Lift Height - Top of Fork		Std 2 Stg Limited Free Lift Mast		in (mm)	
DIMENSIONS	15 Mast - Extended Height		Std Mast with/without LBR		in (mm)	
	16 Overhead Guard Height		Std/Drive in Rack/Opt/Opt Flat Plate		in (mm)	
WT.	17 SIP to Bottom Std OHG		Susp at Mid-Point Std/Susp/Swivel		in (mm)	
	18 Tow Pin Height		Vertical Center of Pin		in (mm)	
PERFORMANCE	19 Overall Width		Standard Tread/Wide Tread		in (mm)	
	20 Forks		Thickness x Width x Length		in (mm)	
GENERAL	21 Standard Carriage Width		Class II		in (mm)	
	22 Floor to Top of Battery Rollers				in (mm)	
DIMENSIONS	23 Ground Clearance		Lowest Point		NL/RL	
	24 Ground Clearance		Center of Truck		NL/RL	
WT.	25 Load Distance		Center of Wheel to Face of Forks		in (mm)	
	26 Battery Compartment		Height Without/With Battery Rollers		in (mm)	
PERFORMANCE			Width		in (mm)	
			Nominal SIZE		36"	
GENERAL			Actual		in (mm)	
	27 Length to Face of Forks		Chassis Length		in (mm)	
DIMENSIONS	28 Wheelbase				in (mm)	
	29 Right Angle Stack				in (mm)	
WT.	30 Equal Aisle		90° Intersecting Aisle		in (mm)	
	31 Outside Turning Radius				in (mm)	
PERFORMANCE	32 Truck Weight		Without Battery		NL	
	33 Axle Loading - Drive		Static w/ Max. Wt. Battery		NL/RL	
GENERAL	34 Axle Loading - Steer		Static w/ Max. Wt. Battery		NL/RL	
					lb (kg)	
PERFORMANCE					VOLTS	
	36 Travel Speed		Extended Shift OFF		mph (km/h)	
DIMENSIONS			Extended Shift ON		mph (km/h)	
	37 Lift Speed		Std 2 Stg LFL Mast		NL/RL	
WT.			Opt 2 Stg FFL Mast		NL/RL	
			Opt 3 Stg FFL Mast		NL/RL	
PERFORMANCE			Opt 4 Stg FFL Mast		NL/RL	
	38 Lower Speed		Std 2 Stg LFL Mast		NL/RL	
GENERAL			Opt 2 Stg FFL Mast		NL/RL	
			Opt 3 Stg FFL Mast		NL/RL	
DIMENSIONS			Opt 4 Stg FFL Mast		NL/RL	
	39 Gradeability		5 Minute Rating		NL/RL	
WT.			60 Minute Rating		NL/RL	
	40 Drawbar Pull		5 Minute Rating		NL/RL	
PERFORMANCE			60 Minute Rating		NL/RL	
	41 Brake		Method of Control		Service/Parking	
GENERAL			Method of Operation		Service/Parking	
	42 Battery		Type		Lead Acid	
DIMENSIONS					Standard Performance	
					PowerPlus Performance	
WT.					VOLTS	
	43 Traction Motor		60 Minute Rating		hp (kW)	
PERFORMANCE			15% Rating		hp (kW)	
	45 Traction Motor		Type/Control Method		AC / Transistor	
GENERAL			Type/Control Method		AC / Transistor	
	47 Number of Speeds		Traction/Pump		Infinitely Variable / Infinitely Variable	
DIMENSIONS	48 Step Height				in (mm)	
	49 Floor Height		Lowest Point		in (mm)	
WT.	50 Attachment Relief Pressure				psi (bar)	
	51 Auxiliary Oil Flow		3rd and 4th Function		gal/min (l/min)	
PERFORMANCE	52 Sound Level		Measured per ANSI B56.11.5		dB (A)	
					60	
				60		
				65		
				65		

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

Right Angle Stack and Equal Intersecting Aisle dimensions provided with a 48" long and 40" wide pallet load, allowing zero clearance.

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.

NOTE: Performance specifications/ratings are for truck equipped as described under Standard Equipment in this technical guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature and condition of the operating area. Specifications are subject to change and the proposed application should be discussed with your authorized Hyster Company dealer.

E70XN SPECIFICATIONS

GENERAL	1 Manufacturer		Hyster							
	2 Model Designation		E70XN							
3 Power		Electric								
4 Operation		Sit								
5 Rated Capacity		7000 (3175)								
6 Load Center		24 (610)								
TIRES	7 Tire Type - Cushion, Solid, Pneumatic, etc.		Drive/Steer Cushion / Cushion							
	8 Tire Size		Drive/Steer in 21 x 9 x 15 / 16 x 7 x 10.5							
9 Wheels - Number		X=Driven Drive/Steer 2X / 2								
10 Tread		c Tires Std Dr/Wide Dr/Steer in (mm) 36.6/39.9/37 (929/1013/940)								
11 Mast Tilt		Std Opt Opt degrees 5F/5B 10F/5B (5F/4B)								
12 Mast - Lowered Height		Std Mast in (mm) 83 (2085)								
13 Free Lift - Top of Fork		Std 2 Stg Limited Free Lift Mast in (mm) 5 (140)								
14 Lift Height - Top of Fork		Std 2 Stg Limited Free Lift Mast in (mm) 118 (3009)								
15 Mast - Extended Height		Std Mast with/without LBR in (mm) 167/144 (4235/3655)								
16 Overhead Guard Height		Std/Drive in Rack/Opt/Opt Flat 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) 38.3/37.4/37.3 (975/950/948)								
18 Tow Pin Height		Vertical Center of Pin in (mm) 11 (280)								
19 Overall Width		Standard Tread/Wide Tread in (mm) 45.6/48.9 (1158/1242)								
DIMENSIONS	20 Forks		Thickness x Width x Length in (mm) 2 x 4.9 x 42 (50 x 125 x 1067)							
	21 Standard Carriage Width		Class II in (mm) 38.5 (977)							
	22 Floor to Top of Battery Rollers		in (mm) 17.2 (436)							
	23 Ground Clearance		Lowest Point NL/RL in (mm) 3.6/3.3 (91/85)							
	24 Ground Clearance		Center of Truck NL/RL in (mm) 3.7/3.6 (94/92)							
	25 Load Distance		Center of Wheel to Face of Forks in (mm) 15.8 (402)							
	26 Battery Compartment		Height Without/With Battery Rollers in (mm) 23.9/23.3 (607/593)							
			Width in (mm) 39.1 (992)							
			Nominal SIZE 40"							
			Length Actual in (mm) 40 (1015)							
	27 Length to Face of Forks		Chassis Length in (mm) 93.1 (2367)							
	28 Wheelbase		in (mm) 60.8 (1545)							
	29 Right Angle Stack		in (mm) 146.3 (3715)							
	30 Equal Aisle		90° Intersecting Aisle in (mm) 77.4 (1965)							
	31 Outside Turning Radius		in (mm) 82.4 (2094)							
	WT.	32 Truck Weight		Without Battery NL lb (kg) 7500 (3402)						
33 Axle Loading - Drive		Static w/ Max. Wt. Battery NL/RL lb (kg) 4868/16451 (2208/7462)								
34 Axle Loading - Steer		Static w/ Max. Wt. Battery NL/RL lb (kg) 7022/2439 (3185/1106)								
PERFORMANCE			VOLTS		Standard Performance		PowerPlus Performance			
					36		48			
	36 Travel Speed		Extended Shift OFF NL/RL mph (km/h) 10.6/9 (17/14.5)		11.3/11.3 (18.2/18.2)		12.3/12.6 (19.8/20.3)		12.3/12.3 (19.8/19.8)	
			Extended Shift ON NL/RL mph (km/h) 9.4/8.1 (15.2/13.1)		10.3/9.3 (16.6/14.9)		12.2/12.1 (19.7/19.4)		12.2/11.9 (19.7/19.1)	
	37 Lift Speed		Std 2 Stg LFL Mast NL/RL ft/min (m/sec) 93/45 (0.47/0.23)		116/61 (0.59/0.31)		124/73 (0.63/0.37)		124/73 (0.63/0.37)	
			Opt 2 Stg FFL Mast NL/RL ft/min (m/sec) 83/45 (0.42/0.23)		108/61 (0.55/0.31)		116/73 (0.59/0.37)		116/73 (0.59/0.37)	
			Opt 3 Stg FFL Mast NL/RL ft/min (m/sec) 85/45 (0.43/0.23)		112/61 (0.57/0.31)		118/73 (0.6/0.37)		118/73 (0.6/0.37)	
			Opt 4 Stg FFL Mast NL/RL ft/min (m/sec) 96/57 (0.49/0.29)		124/75 (0.63/0.38)		136/94 (0.69/0.48)		136/94 (0.69/0.48)	
	38 Lower Speed		Std 2 Stg LFL Mast NL/RL ft/min (m/sec) 91/114 (0.46/0.58)							
			Opt 2 Stg FFL Mast NL/RL ft/min (m/sec) 73/106 (0.37/0.54)							
			Opt 3 Stg FFL Mast NL/RL ft/min (m/sec) 79/0.5 (0.4/0.56)							
			Opt 4 Stg FFL Mast NL/RL ft/min (m/sec) 77/91 (0.39/0.46)							
	39 Gradeability		5 Minute Rating NL/RL % 29/17		29/18		36/19		37/25	
		60 Minute Rating NL/RL % 10/6		11/6		21/11		27/14		
40 Drawbar Pull		5 Minute Rating NL/RL lbf 3329/3089		3428/3201		4101/3744		4193/4745		
		60 Minute Rating NL/RL lbf 1269/1072		1355/1149		2502/2204		3165/2842		
41 Brake		Method of Control Service/Parking		Hydraulic / Mechanical						
		Method of Operation Service/Parking		Foot / Foot						
ELECTRIC	42 Battery		Type Lead Acid		Standard Performance		PowerPlus Performance			
					36		48			
	43 Traction Motor		60 Minute Rating hp (kW) 24.7 (18.4)		48 24.7 (18.4)		48 31.6 (23.6)		80 31.6 (23.6)	
	44 Pump Motor		15% Rating hp (kW) 16.6 (12.4)		22.4 (16.7)		31.8 (23.7)		32.2 (24)	
	45 Traction Motor		Type/Control Method AC / Transistor							
	46 Pump Motor		Type/Control Method AC / Transistor							
47 Number of Speeds		Traction/Pump Infinitely Variable / Infinitely Variable								
OTHER	48 Step Height		in (mm) 18.7 (475)							
	49 Floor Height		Lowest Point in (mm) 30.4 (772)							
	50 Attachment Relief Pressure		psi (bar) 2250 (155)							
	51 Auxiliary Oil Flow		3rd and 4th Function gal/min (l/min) 11 (40)							
	52 Sound Level		Measured per ANSI B56.11.5 dB (A) 60		60		65		65	

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

Right Angle Stack and Equal Intersecting Aisle dimensions provided with a 48" long and 40" wide pallet load, allowing zero clearance.

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.

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MAST DIMENSIONS

E45-55XN MAST DIMENSIONS

Maximum Fork Height (TOF)	Overall Lowered Height	Overall Extended Height		Free Lift (TOF)		Approx. Total Wt. of Standard Equipped Truck w/o Battery		
		w/ Load Backrest	w/o Load Backrest	w/ Load Backrest	w/o Load Backrest	E45XN	E50XN	E55XN
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	lbs (kg)	lbs (kg)	lbs (kg)
2-STAGE LIMITED FREE LIFT (LFL) VISTA® PLUS MAST								
125 (3192)	83 (2085)	174 (4415)	147 (3749)	5 (140)	5 (140)	6860 (3112)	7270 (3298)	6950 (3152)
133 (3392)	86 (2185)	182 (4615)	155 (3949)	5 (140)	5 (140)	7060 (3202)	7470 (3388)	7150 (3243)
137 (3492)	88 (2235)	186 (4715)	159 (4049)	5 (140)	5 (140)	7160 (3248)	7570 (3434)	7250 (3289)
2-STAGE FULL FREE LIFT (FFL) VISTA® MAST								
126 (3202)	83 (2085)	175 (4425)	148 (3759)	33 (862)	60 (1528)	6960 (3157)	7370 (3343)	7050 (3198)
133 (3402)	86 (2185)	183 (4625)	155 (3959)	37 (964)	64 (1628)	7160 (3248)	7570 (3434)	7250 (3289)
137 (3502)	88 (2235)	186 (4725)	159 (4059)	39 (1012)	66 (1678)	7260 (3293)	7670 (3479)	7350 (3334)
3-STAGE FULL FREE LIFT (FFL) VISTA® PLUS MAST								
189 (4800)	83 (2085)	238 (6023)	210 (5399)	33 (862)	60 (1546)	7460 (3384)	7870 (3570)	7550 (3425)
194 (4950)	85 (2135)	243 (6173)	216 (5489)	36 (917)	62 (1596)	7480 (3393)	7890 (3579)	7570 (3434)
200 (5100)	88 (2235)	249 (6323)	222 (5639)	39 (1012)	66 (1696)	7530 (3416)	7940 (3602)	7620 (3456)
218 (5550)	94 (2385)	267 (6773)	239 (6089)	45 (1162)	72 (1846)	7610 (3452)	8020 (3638)	7700 (3493)
236 (6000)	102 (2585)	285 (7223)	257 (6539)	53 (1362)	80 (2046)	7690 (3488)	8100 (3674)	7780 (3529)
4-STAGE FULL FREE LIFT (FFL) VISTA® MAST								
240 (6098)	84 (2133)	289 (7321)	263 (6678)	35 (910)	61 (1553)	8000 (3629)	8410 (3815)	8090 (3670)
252 (6404)	88 (2235)	301 (7627)	275 (6984)	39 (1012)	65 (1655)	8070 (3660)	8480 (3846)	8160 (3701)
264 (6710)	92 (2336)	313 (7933)	287 (7290)	43 (1113)	69 (1756)	8140 (3692)	8550 (3878)	8230 (3733)

E60-70XN MAST DIMENSIONS

Maximum Fork Height (TOF)	Overall Lowered Height	Overall Extended Height		Free Lift (TOF)		Approx. Total Wt. of Standard Equipped Truck w/o Battery		
		w/ Load Backrest	w/o Load Backrest	w/ Load Backrest	w/o Load Backrest	E60XN	E65XN	E70XN
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	lbs (kg)	lbs (kg)	lbs (kg)
2-STAGE LIMITED FREE LIFT (LFL) VISTA® PLUS MAST								
118 (3009)	83 (2085)	167 (4237)	143 (3654)	5 (150)	5 (150)	7570 (3434)	7750 (3515)	7850 (3561)
126 (3209)	86 (2185)	175 (4437)	151 (3854)	5 (150)	5 (150)	7640 (3465)	7820 (3547)	7920 (3592)
130 (3309)	88 (2235)	179 (4537)	155 (3954)	5 (150)	5 (150)	7720 (3502)	7900 (3583)	8000 (3629)
2-STAGE FULL FREE LIFT (FFL) VISTA® MAST								
118 (3010)	83 (2085)	167 (4237)	144 (3655)	33 (857)	56 (1440)	7630 (3461)	7810 (3543)	7910 (3588)
126 (3210)	86 (2185)	175 (4437)	151 (3855)	37 (957)	60 (1540)	7670 (3479)	7850 (3561)	7950 (3606)
130 (3310)	88 (2235)	179 (4537)	155 (3955)	39 (1007)	62 (1590)	7810 (3543)	7990 (3624)	8090 (3670)
3-STAGE FULL FREE LIFT (FFL) VISTA® PLUS MAST								
175 (4468)	83 (2085)	225 (5696)	200 (5095)	33 (857)	57 (1458)	8050 (3651)	8230 (3733)	8330 (3778)
181 (4618)	85 (2135)	231 (5846)	206 (5245)	35 (907)	59 (1508)	8150 (3697)	8330 (3778)	8430 (3824)
187 (4768)	88 (2235)	237 (5996)	212 (5395)	39 (1007)	63 (1608)	8240 (3738)	8420 (3819)	8520 (3865)
205 (5218)	94 (2385)	254 (6446)	230 (5845)	45 (1157)	69 (1758)	8310 (3769)	8490 (3851)	8590 (3896)
223 (5668)	102 (2585)	272 (6896)	248 (6295)	53 (1357)	77 (1958)	8410 (3815)	8590 (3896)	8690 (3942)
4-STAGE FULL FREE LIFT (FFL) VISTA® MAST								
240 (6098)	84 (2133)	289 (7321)	263 (6678)	35 (910)	61 (1553)	8510 (3860)	8690 (3942)	8790 (3987)
252 (6404)	88 (2235)	301 (7627)	275 (6984)	39 (1012)	65 (1655)	8580 (3892)	8760 (3973)	8860 (4019)
264 (6710)	92 (2336)	313 (7933)	287 (7290)	43 (1113)	69 (1756)	8650 (3924)	8830 (4005)	8930 (4051)

E45-70XN BATTERY SPECIFICATIONS

BATTERY AND COMPARTMENT SPECIFICATIONS											
BATTERY COMPARTMENT DIMENSIONS				BATTERY DIMENSIONS AND SPECIFICATIONS							
Truck Model	Width	Length	Height	"X"	"Y"	"Z"	Volts	No. of Cells	Max Capacity 6 Hour Rate	Weight	
				in (mm)						amp hr (kwh)	Min
									lb (kg)		
E45-50XN 27" Compartment	39.1 (992)	27.6 (700)	23.9 (607)	38.7 (983)	27.2 (691)	23.5 (597)	36	18	1100 (38.3)	2300 (1050)	3300 (1500)
							48	24	800 (37.2)		
							80	40	375 (29.3)		
E45-50XN 30" Compartment	39.1 (992)	30.9 (786)	23.9 (607)	38.7 (983)	30.6 (777)	23.5 (597)	36	18	1200 (41.9)	2500 (1150)	3500 (1600)
							48	24	900 (42)		
							80	40	400 (31.2)		
E45-60XN 33" Compartment	39.1 (992)	33.3 (847)	23.9 (607)	38.7 (983)	33 (838)	23.5 (597)	36	18	1300 (45.4)	2900 (1320)	3900 (1770)
							48	24	1000 (46.6)		
							80	40	450 (35.1)		
E65XN 36" Compartment	39.1 (992)	36.7 (933)	23.9 (607)	38.7 (983)	36.4 (924)	23.5 (597)	36	18	1500 (52.4)	3100 (1410)	4100 (1860)
							48	24	1100 (51.1)		
							80	40	600 (46.8)		
E65-70XN 40" Compartment	39.1 (992)	40 (1015)	23.9 (607)	38.7 (983)	39.6 (1006)	23.5 (597)	36	18	1600 (55.8)	3400 (1550)	4400 (2000)
							48	24	1200 (55.9)		
							80	40	600 (46.8)		

Battery Type: "EO" (Without Cover)

Battery amp hr (kwh) capacity is max allowable per UL

Commercially available lead acid batteries may not necessarily reach these max limits

Battery Roller option reduces battery compartment height to 23.3" (593mm) & max battery height to 23.0" (583mm)

Battery Compartment Length is measured front to rear. Battery Compartment Width is measured across the truck.

Battery Notes - Conventional Charging (Opt G26201)

Battery Connector: 36 volt - Gray SB[®]350 (Anderson Power Products[®] P/N 6320G1 or equivalent)

48 volt - Blue SB[®]350 (Anderson Power Products[®] P/N 6321G1 or equivalent)

80 volt - Black SBE[®]320 (Anderson Power Products[®] P/N E6363G1 or equivalent)

Battery Lead: Length 20" (508 mm), Position "B", 2/0 AWG

Battery Notes - Rapid/Fast Charging (Opt G26202)

NOTE: A Site Survey is required to confirm your application is a candidate for Rapid Charge and to determine the Battery and Charger specifications required. Contact your Battery and Charger Supplier.

Battery Connector: Requires Dual Positive/Negative Cabling terminating in (2) Female EBC-320 DIN Connectors (Anderson Power Products[®] P/N A32503-0009 or equivalent)

Each individual DIN connector to include 1 Red Conductor to (+) and 1 black conductor to (-)

Battery Lead: Length 25" (635 mm), Position "B", Minimum Cable Size 3/0 AWG

STANDARD EQUIPMENT

- 2-stage limited free lift (LFL) VISTA[®]PLUS mast* with maximum fork height of 125" (3192mm) (E45-55XN) or 118" (4800mm) (E60-70XN)
- 5° forward and 5° back mast tilt
- 38.5" (980mm) wide Class II (E45-55XN) or Class III (E60-70XN) hook-type carriage with 38.5" (980 mm) high load backrest extension
- 42" (1067mm) long forks
- Smooth tread rubber drive tire and steer tire
- Battery compartment size
 - 27" (E45-50XN)
 - 33" (E55-60XN)
 - 36" (E65XN)
 - 40" (E70XN)
- Lift out battery extraction
- 36-volt electrical system
- Standard performance
- Standard construction
- UL Classification Type "E"
- 12" steering wheel with integral spinner knob
- Non-suspension vinyl seat
- Black, non-cinch seat belt with Emergency Locking Retractor (ELR)
- Foot applied / hand released park brake
- Key switch start
- 88.5" grid style overhead guard
- MONOTROL[®] foot direction control
- 3-function hydraulic control valve with seatside mechanical levers
- AC traction and pump motors (completely brushless)
- Transistor drive and pump control
- Advanced VSM (vehicle system manager)
- Progressive thermal management system
- Fully integrated CANbus communication
- On-demand power steering
- Hyster Stability System (HSS[®])
- Power assist braking
- Auto Deceleration System (ADS) with regenerative braking
- Multifunction display
 - Battery state of charge with low battery lift interrupt
 - Hour meter
 - Performance mode indicator
 - Fault indicator
 - 4 operator selectable, programmable performance modes
- Easy ingress / egress with low step height and contoured handhold
- Operator convenience station - storage areas, beverage & clipboard holders
- Adjustable tilt steering column with low profile cowl for excellent visibility
- Cushioned floor mat
- Static strap
- Tow pin
- Seatside power disconnect button
- On-board software
 - Program, test & diagnose
 - Password protected
- Electronic horn with integral relay (long life / no adjustments)
- 24 month / 4,000 hour powertrain warranty
- 12 month / 2,000 hour full truck warranty
- Operating manual

OPTIONAL EQUIPMENT


- Side extraction battery removal with rollers
- 48 or 80-volt electrical system
- PowerPlus Performance (N/A with 36-volt)
- Rapid / fast charge
- Cooler / freezer package – operating temperatures: -20°F to +120° F
- UL Classification Type "EE"
- 2-stage full free lift (FFL) VISTA[®] mast*
- 3-stage full free lift (FFL) VISTA[®]PLUS mast*
- 4-stage full free lift (FFL) VISTA[®] mast*
- Carriage with integral sideshift
- Carriage with integral sideshifting fork positioner
- Attachment carriages
- Mast tilt option – 10° forward / 5° back
- Mast tilt option – 5° forward / 4° back
- Return to set tilt
- Accumulator
- TouchPoint electro-hydraulic mini-lever controls with fully adjustable armrest
- 4-function hydraulic control valve
- Non-marking, rubber, or lug tread tires
- Wide tread tires
- Non-suspension seat (cloth)
- Full-suspension seat (vinyl or cloth)
- Full-suspension swivel seat (vinyl or cloth)
- 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)
- 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 and premium LED brake / tail / back-up light packages
- Key switch controlled lights
- Audible alarm – reverse operation (manually adjustable to 87, 97 or 102 dB)
- Visible amber strobe light - continuous activated, overhead guard mounted
- Rear drive handle with integrated horn button
- Mirrors – rear view or panoramic
- Load weight indicator
- Impact monitor
- Operator password
- Operator daily checklist
- System monitor – hydraulic low fluid level indicator and hydraulic filter service indicator
- Hydraulic attachment extension tubes with quick disconnect fittings
- Fire extinguisher – 2.5 lb. dry chemical
- Synchronous steering
- Red, high-visibility, non-cinch seat belt with or without start interlock
- Low mount display

* For more information, refer to the VISTA[®]PLUS supplement brochure.



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Visit us online at www.hyster.com or call us at 1-800-HYSTER-1.

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