

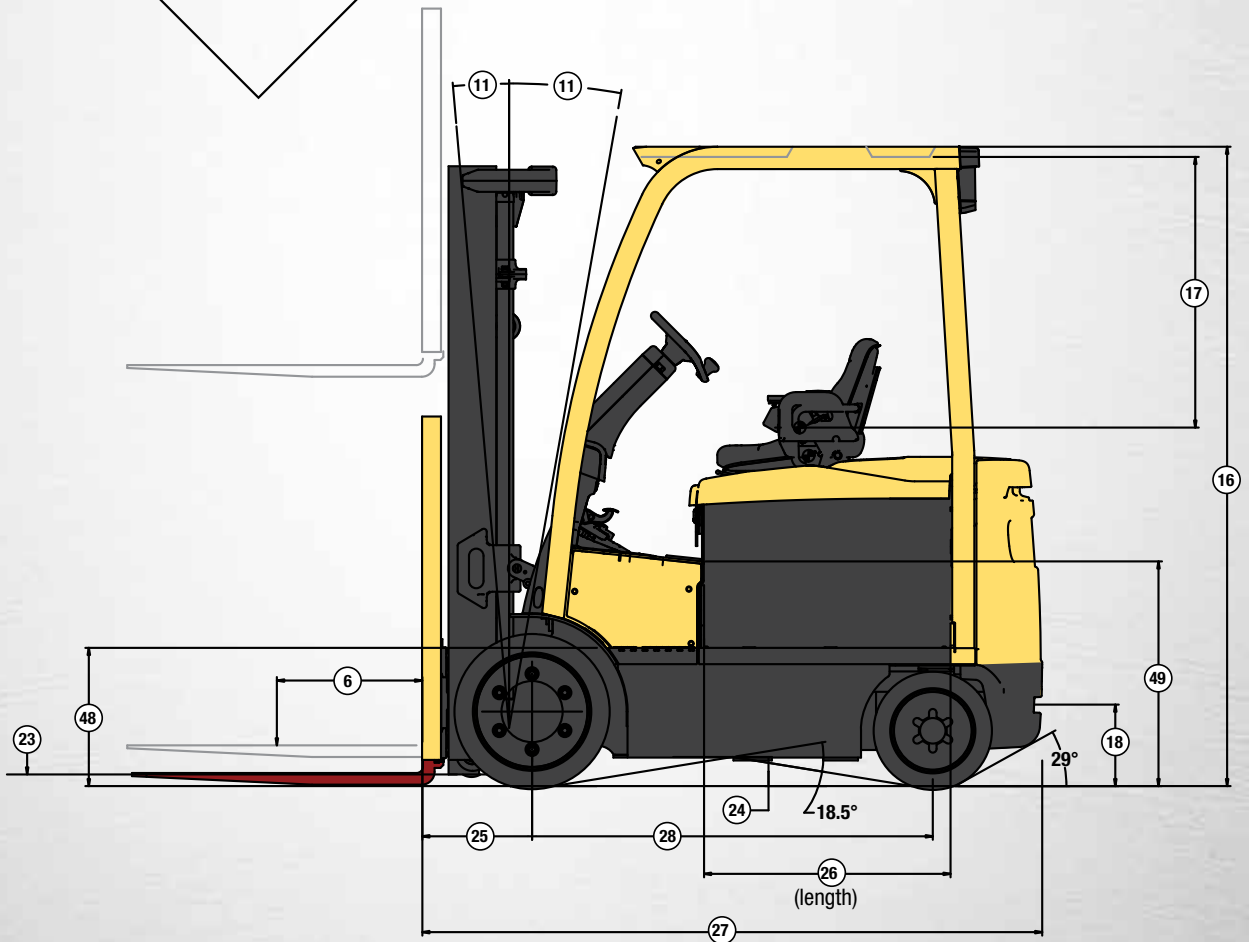
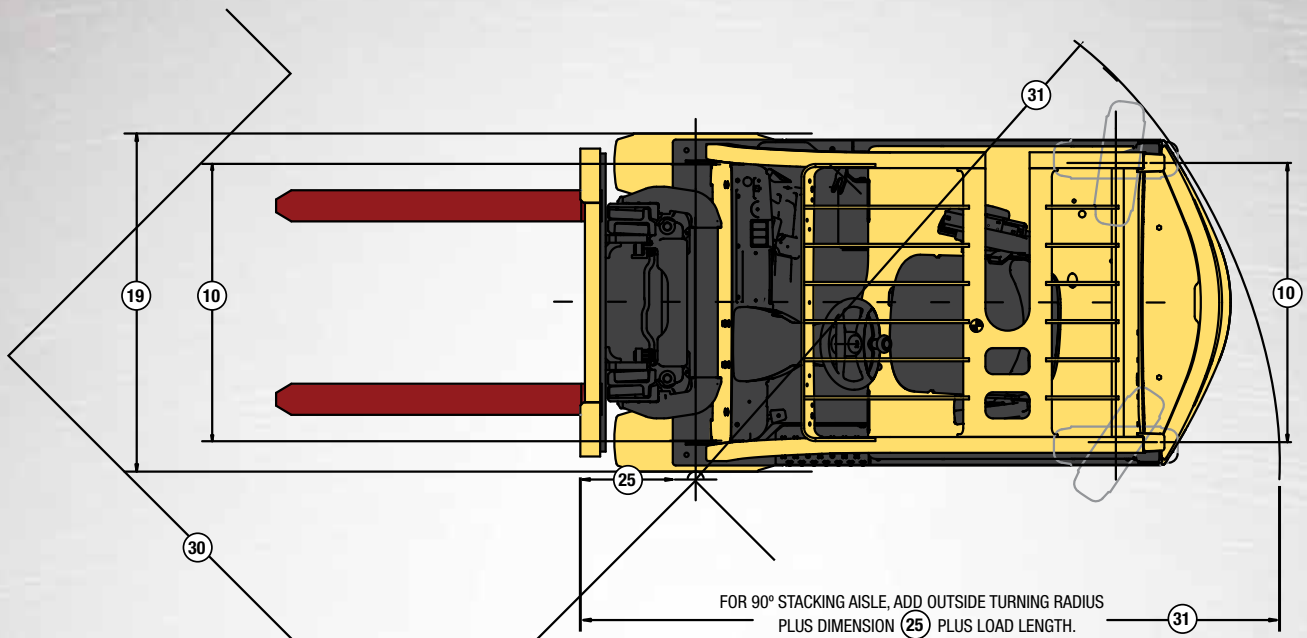
# E45-70XN SERIES



**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

<b>GENERAL</b>	1	Manufacturer		Hyster						
	2	Model Designation		E45XN						
	3	Power		Electric						
	4	Operation		Sit						
	5	Rated Capacity		lb (kg)	4500 (2041)					
<b>TIRES</b>	6	Load Center		in (mm)	24 (610)					
	7	Tire Type - Cushion, Solid, Pneumatic, etc.		Drive/Steer	Cushion/Cushion					
	8	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)					
		Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast		in (mm)					
<b>DIMENSIONS</b>	14	Mast - Extended Height	Std Mast with/without LBR		in (mm)					
	15	Overhead Guard Height	Std/Drive in Rack/Opt/Opt Flat Plate		in (mm)					
	16	SIP to Bottom Std OHG	Susp at Mid-Point	Std/Susp/Swivel	in (mm)					
	17	Tow Pin Height	Vertical Center of Pin		in (mm)					
	18	Overall Width	Standard Tread/Wide Tread		in (mm)					
	19	Forks	Thickness x Width x Length		in (mm)					
	20	Standard Carriage Width		Class II	in (mm)					
	21	Floor to Top of Battery Rollers			in (mm)					
	22	Ground Clearance	Lowest Point	NL/RL	in (mm)					
	23	Ground Clearance	Center of Truck	NL/RL	in (mm)					
	24	Load Distance	Center of Wheel to Face of Forks		in (mm)					
	25	Battery Compartment	Height	Without/With Battery Rollers	in (mm)					
			Width		in (mm)					
					Nominal	SIZE	27"	30"	33"	
					Actual	SIZE	in (mm)	27.6 (700)	30.9 (786)	33.3 (847)
		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)				
<b>WT.</b>		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)				
					VOLTS					
<b>PERFORMANCE</b>	36	Travel Speed	Extended Shift OFF	NL/RL	Standard Performance		PowerPlus Performance			
			Extended Shift ON	NL/RL	mph (km/h)	36	48	48	80	
	37	Lift Speed	Std 2 Stg LFL Mast	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)	
			Opt 2 Stg FFL 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 3 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 4 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)	
	38	Lower Speed	Std 2 Stg LFL 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)	
			Opt 2 Stg FFL 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 3 Stg FFL Mast	NL/RL	ft/min (m/sec)	100/112 (0.51/0.57)				
			Opt 4 Stg FFL Mast	NL/RL	ft/min (m/sec)	91/102 (0.46/0.52)				
	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						
<b>ELECTRIC</b>	42	Battery	Type	Lead Acid						
	43	Traction Motor	60 Minute Rating		Standard Performance		PowerPlus Performance			
					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							
<b>OTHER</b>	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.

# 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 21 x 7 x 15 / 16 x 5 x 10.5		
PERFORMANCE	9 Wheels - Number		X=Driven	2X / 2		
	10 Tread		Std Dr/Wide Dr/Steer	in (mm) 35.1/41.9/37 (892/1064/940)		
OTHER	11 Mast Tilt		Std Opt Opt	degrees 5F/5B 10F/5B (5F/4B)		
	12 Mast - Lowered Height		Std Mast	in (mm) 83 (2085)		
GENERAL	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) 33/60 (860/1525)		
DIMENSIONS	15 Mast - Extended Height		Std Mast with/without LBR	in (mm) 125 (3192)		
	16 Overhead Guard Height		Std/Drive in Rack/Opt/Opt Flat Plate	in (mm) 174/148 (4415/3740)		
WT.	17 SIP to Bottom Std OHG		Susp at Mid-Point	in (mm) 88.5/88.5/86.5/84.1 (2248/2248/2197/2137)		
	18 Tow Pin Height		Std/Susp/Swivel	in (mm) 38.3/37.4/37.3 (975/950/948)		
PERFORMANCE	19 Overall Width		Vertical Center of Pin	in (mm) 11 (280)		
	20 Forks		Standard Tread/Wide Tread	in (mm) 42.1/48.9 (1070/1242)		
GENERAL	21 Standard Carriage Width		Thickness x Width x Length	in (mm) 1.6 x 3.9 x 42 (40 x 100 x 1067)		
	22 Floor to Top of Battery Rollers		Class II	in (mm) 38.5 (977)		
DIMENSIONS	23 Ground Clearance		Lowest Point	in (mm) 17.2 (436)		
	24 Ground Clearance		Center of Truck	in (mm) NL/RL 3.6/3.3 (91/85)		
WT.	25 Load Distance		Center of Wheel to Face of Forks	in (mm) 3.9/3.6 (98/92)		
	26 Battery Compartment		Height Without/With Battery Rollers	in (mm) 15.4 (390)		
PERFORMANCE	27 Length to Face of Forks		Width	in (mm) 23.9/23.3 (607/593)		
	28 Wheelbase		Nominal SIZE	in (mm) 27" 30" 33"		
GENERAL	29 Right Angle Stack		Actual	in (mm) 27.6 (700) 30.9 (786) 33.3 (847)		
	30 Equal Aisle		Chassis Length	in (mm) 80.3 (2040) 82.8 (2102) 84.3 (2143)		
WT.	31 Outside Turning Radius		Wheelbase	in (mm) 48.4 (1230) 51.8 (1316) 54.2 (1377)		
	32 Truck Weight		Right Angle Stack	in (mm) 132.5 (3366) 135.2 (3434) 137.5 (3493)		
PERFORMANCE	33 Axle Loading - Drive		Equal Aisle	in (mm) 90° Intersecting Aisle 71.8 (1823) 72.5 (1842) 73.1 (1858)		
	34 Axle Loading - Steer		Outside Turning Radius	in (mm) 69.2 (1757) 71.9 (1825) 74.2 (1884)		
GENERAL	35 Voltage		Without Battery	lb (kg) 7030 (3189) 6670 (3025) 6280 (2849)		
	36 Travel Speed		Static w/ Max. Wt. Battery	lb (kg) 3844/12907 (1744/5855) 4114/12911 (1866/5856) 4386/13015 (1989/5904)		
PERFORMANCE	37 Lift Speed		Static w/ Max. Wt. Battery	lb (kg) 6477/2414 (2938/1095) 6053/2255 (2746/1023) 5796/2166 (2629/982)		
	38 Lower Speed		Standard Performance	VOLTS 36 48 48 80		
ELECTRIC	39 Gradeability		Extended Shift OFF	mph (km/h) 10.7/9.6 (17.3/15.4) 11.3/11.3 (18.2/18.2) 12.3/12.8 (19.8/20.6) 12.3/12.5 (19.8/20.1)		
	40 Drawbar Pull		Extended Shift ON	mph (km/h) 9.7/8.7 (15.6/14) 10.6/9.8 (17.1/15.8) 12.2/12.4 (19.7/19.9) 12.2/12.2 (19.7/19.7)		
OTHER	41 Brake		Std 2 Stg LFL Mast	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)		
	42 Battery		Opt 2 Stg FFL Mast	ft/min (m/sec) 93/57 (0.47/0.29) 124/77 (0.63/0.39) 130/93 (0.66/0.47) 130/93 (0.66/0.47)		
GENERAL	43 Traction Motor		Opt 3 Stg FFL Mast	ft/min (m/sec) 94/57 (0.48/0.29) 124/77 (0.63/0.39) 134/94 (0.68/0.48) 134/94 (0.68/0.48)		
	44 Pump Motor		Opt 4 Stg FFL Mast	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)		
PERFORMANCE	45 Traction Motor		Std 2 Stg LFL Mast	ft/min (m/sec) 100/112 (0.51/0.57)		
	46 Pump Motor		Opt 2 Stg FFL Mast	ft/min (m/sec) 91/106 (0.46/0.54)		
ELECTRIC	47 Number of Speeds		Opt 3 Stg FFL Mast	ft/min (m/sec) 93/108 (0.47/0.55)		
	48 Step Height		Opt 4 Stg FFL Mast	ft/min (m/sec) 77/91 (0.39/0.46)		
OTHER	49 Floor Height		5 Minute Rating	% 35/20 36/21 39/25 39/33		
	50 Attachment Relief Pressure		60 Minute Rating	% 13/7 14/8 25/15 32/19		
GENERAL	51 Auxiliary Oil Flow		5 Minute Rating	lbf 3358/3152 3464/3257 3773/3909 3773/4926		
	52 Sound Level		60 Minute Rating	lbf 1295/1129 1380/1212 2545/2345 3208/2993		
PERFORMANCE	53 Traction Motor		Method of Control	Service/Parking Hydraulic / Mechanical		
	54 Pump Motor		Method of Operation	Service/Parking Foot / Foot		
ELECTRIC	55 Traction Motor		Type	Lead Acid		
	56 Pump Motor		Standard Performance	VOLTS 36 48 48 80		
OTHER	57 Traction Motor		PowerPlus Performance	36 48 48 80		
	58 Pump Motor		60 Minute Rating	hp (kW) 24.7 (18.4) 24.7 (18.4) 31.6 (23.6) 31.6 (23.6)		
GENERAL	59 Traction Motor		15% Rating	hp (kW) 16.6 (12.4) 22.4 (16.7) 31.8 (23.7) 32.2 (24)		
	60 Pump Motor		Type/Control Method	AC / Transistor		
PERFORMANCE	61 Number of Speeds		Type/Control Method	AC / Transistor		
	62 Step Height		Traction/Pump	Infinitely Variable / Infinitely Variable		
GENERAL	63 Floor Height		in (mm)	18.7 (475)		
	64 Attachment Relief Pressure		in (mm)	30.4 (772)		
OTHER	65 Auxiliary Oil Flow		psi (bar)	2250 (155)		
	66 Sound Level		gal/min (l/min)	11 (40)		
GENERAL	67 Manufacturer		dB (A)	60 60 65 65		
	68 Model Designation		Measured per ANSI B56.11.5			

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		lb (kg)		5500 (2495)		
	6 Load Center		in (mm)		24 (610)		
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		
	33 Axle Loading - Drive		Static w/ Max. Wt. Battery		NL/RL		
WT.	34 Axle Loading - Steer		Static w/ Max. Wt. Battery		NL/RL		
					lb (kg)		
PERFORMANCE			VOLTS		Standard Performance		
					PowerPlus Performance		
PERFORMANCE	36 Travel Speed		Extended Shift OFF		mph (km/h)		
			Extended Shift ON		mph (km/h)		
PERFORMANCE	37 Lift Speed		Std 2 Stg LFL Mast		ft/min (m/sec)		
			Opt 2 Stg FFL Mast		ft/min (m/sec)		
PERFORMANCE			Opt 3 Stg FFL Mast		ft/min (m/sec)		
			Opt 4 Stg FFL Mast		ft/min (m/sec)		
PERFORMANCE	38 Lower Speed		Std 2 Stg LFL Mast		ft/min (m/sec)		
			Opt 2 Stg FFL Mast		ft/min (m/sec)		
PERFORMANCE			Opt 3 Stg FFL Mast		ft/min (m/sec)		
			Opt 4 Stg FFL Mast		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		
			60 Minute Rating		NL/RL		
PERFORMANCE	41 Brake		Method of Control		Service/Parking		
			Method of Operation		Service/Parking		
ELECTRIC	42 Battery		Type		Lead Acid		
					VOLTS		
ELECTRIC	43 Traction Motor		60 Minute Rating		hp (kW)		
	44 Pump Motor		15% Rating		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)		
				36	48	48	80
				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)
				9.6/8.5 (15.5/13.7)	10.5/9.6 (16.9/15.5)	12.2/12.4 (19.7/19.9)	12.2/12.2 (19.7/19.7)
				100/53 (0.51/0.27)	124/71 (0.63/0.36)	142/93 (0.72/0.47)	142/93 (0.72/0.47)
				93/57 (0.47/0.29)	124/75 (0.63/0.38)	130/89 (0.66/0.45)	130/89 (0.66/0.45)
				94/55 (0.48/0.28)	124/73 (0.63/0.37)	134/91 (0.68/0.46)	134/91 (0.68/0.46)
				96/57 (0.49/0.29)	124/75 (0.63/0.38)	136/94 (0.69/0.48)	136/94 (0.69/0.48)
						100/114 (0.51/0.58)	
						91/108 (0.46/0.55)	
						93/110 (0.47/0.56)	
						77/91 (0.39/0.46)	
				34/19	34/20	36/24	36/30
				12/7	13/8	24/14	31/18
				3350/3139	3456/3243	3715/3868	3715/4881
				1287/1111	1373/1198	2535/2310	3198/2956
						Hydraulic / Mechanical	
						Foot / Foot	
						Lead Acid	
						VOLTS	
						Standard Performance	
						PowerPlus Performance	
						36	48
						24.7 (18.4)	24.7 (18.4)
						16.6 (12.4)	22.4 (16.7)
						31.6 (23.6)	31.6 (23.6)
						31.8 (23.7)	32.2 (24)
						AC / Transistor	
						AC / Transistor	
						Infinitely Variable / Infinitely Variable	
						in (mm)	
						in (mm)	
						psi (bar)	
						gal/min (l/min)	
						60	60
						60	65
						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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# 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		Drive/Steer 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)		
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 III 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)		
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)		
WT.			VOLTS	
			Standard Performance	
		PowerPlus Performance		
		36		
		48		
		48		
		80		
36 Travel Speed		Extended Shift OFF NL/RL mph (km/h) 10.6/9.1 (17/14.6)		
		11.3/11.3 (18.2/18.2)		
		12.3/12.8 (19.8/20.6)		
		12.3/12.5 (19.8/20.1)		
		Extended Shift ON NL/RL mph (km/h) 9.5/8.3 (15.3/13.3)		
		10.4/9.4 (16.7/15.1)		
		12.2/12.2 (19.7/19.7)		
		12.2/12.1 (19.7/19.4)		
37 Lift Speed		Std 2 Stg LFL Mast NL/RL ft/min (m/sec) 93/49 (0.47/0.25)		
		116/65 (0.59/0.33)		
		124/83 (0.63/0.42)		
		124/83 (0.63/0.42)		
		Opt 2 Stg FFL Mast NL/RL ft/min (m/sec) 83/49 (0.42/0.25)		
		108/65 (0.55/0.33)		
		116/81 (0.59/0.41)		
		116/81 (0.59/0.41)		
		Opt 3 Stg FFL Mast NL/RL ft/min (m/sec) 85/49 (0.43/0.25)		
		112/65 (0.57/0.33)		
		118/81 (0.6/0.41)		
		118/81 (0.6/0.41)		
		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) 91/110 (0.46/0.56)		
		73/102 (0.37/0.52)		
		79/104 (0.4/0.53)		
		77/91 (0.39/0.46)		
39 Gradeability		5 Minute Rating NL/RL % 32/19		
		33/19		
		36/22		
		36/28		
		60 Minute Rating NL/RL % 12/7		
		13/7		
		22/13		
		29/16		
40 Drawbar Pull		5 Minute Rating NL/RL lbf 3342/3124		
		3448/3229		
		3883/3820		
		3883/4830		
		60 Minute Rating NL/RL lbf 1280/1094		
		1365/1184		
		2518/2269		
		3181/2912		
41 Brake		Method of Control Service/Parking Method of Operation Service/Parking		
		Hydraulic / Mechanical		
		Foot / Foot		
42 Battery		Type Lead Acid		
		Standard Performance		
		PowerPlus Performance		
		36		
		48		
		48		
		80		
43 Traction Motor		60 Minute Rating hp (kW) 24.7 (18.4)		
		24.7 (18.4)		
		31.6 (23.6)		
		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		
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			
3 Power		Electric				
4 Operation		Sit				
5 Rated Capacity		6500 (2948)				
6 Load Center		24 (610)				
TIRES	7 Tire Type - Cushion, Solid, Pneumatic, etc.		Cushion / Cushion			
	8 Tire Size		21 x 8 x 15 / 16 x 6 x 10.5			
9 Wheels - Number		2X / 2				
10 Tread		35.6/40.9/36 (905/1039/915)				
DIMENSIONS	11 Mast Tilt		5F/5B 10F/5B (5F/4B)			
	12 Mast - Lowered Height		83 (2085)			
	13 Free Lift - Top of Fork		5 (140)			
	14 Lift Height - Top of Fork		118 (3009)			
	15 Mast - Extended Height		167/144 (4235/3655)			
	16 Overhead Guard Height		88.5/88.5/86.5/84.1 (2248/2248/2197/2137)			
	17 SIP to Bottom Std OHG		38.3/37.4/37.3 (975/950/948)			
	18 Tow Pin Height		11 (280)			
	19 Overall Width		43.6/48.9 (1108/1242)			
	20 Forks		2 x 4.9 x 42 (50 x 125 x 1067)			
	21 Standard Carriage Width		38.5 (977)			
	WT.	22 Floor to Top of Battery Rollers		17.2 (436)		
23 Ground Clearance		3.6/3.3 (91/85)				
24 Ground Clearance		3.7/3.6 (94/92)				
25 Load Distance		15.8 (402)				
26 Battery Compartment		23.9/23.3 (607/593)				
27 Length to Face of Forks		39.1 (992)				
28 Wheelbase		36" 40"				
29 Right Angle Stack		36.7 (933) 40 (1015)				
30 Equal Aisle		90 (2285) 92.2 (2343)				
31 Outside Turning Radius		57.6 (1463) 60.8 (1545)				
32 Truck Weight		142.9 (3629) 145.5 (3695)				
PERFORMANCE		33 Axle Loading - Drive		76.1 (1933) 77 (1956)		
	34 Axle Loading - Steer		79.1 (2008) 81.7 (2074)			
	35		79.1 (2008) 81.7 (2074)			
	36 Travel Speed		79.1 (2008) 81.7 (2074)			
	37 Lift Speed		79.1 (2008) 81.7 (2074)			
	38 Lower Speed		79.1 (2008) 81.7 (2074)			
	39 Gradeability		79.1 (2008) 81.7 (2074)			
	40 Drawbar Pull		79.1 (2008) 81.7 (2074)			
	41 Brake		79.1 (2008) 81.7 (2074)			
	42 Battery		79.1 (2008) 81.7 (2074)			
	ELECTRIC	43 Traction Motor		79.1 (2008) 81.7 (2074)		
		44 Pump Motor		79.1 (2008) 81.7 (2074)		
45 Traction Motor		79.1 (2008) 81.7 (2074)				
46 Pump Motor		79.1 (2008) 81.7 (2074)				
OTHER	47 Number of Speeds		79.1 (2008) 81.7 (2074)			
	48 Step Height		79.1 (2008) 81.7 (2074)			
	49 Floor Height		79.1 (2008) 81.7 (2074)			
	50 Attachment Relief Pressure		79.1 (2008) 81.7 (2074)			
	51 Auxiliary Oil Flow		79.1 (2008) 81.7 (2074)			
	52 Sound Level		79.1 (2008) 81.7 (2074)			
			Standard Performance		PowerPlus Performance	
			36	48	48	80
			VOLTS		VOLTS	
			36		48	
			mph (km/h)		mph (km/h)	
			10.6/9.1 (17/14.6)		11.3/11.3 (18.2/18.2)	
			9.5/8.2 (15.3/13.2)		10.4/9.3 (16.7/15)	
			ft/min (m/sec)		ft/min (m/sec)	
			93/47 (0.47/0.24)		116/63 (0.59/0.32)	
			83/47 (0.42/0.24)		108/63 (0.55/0.32)	
			85/47 (0.43/0.24)		112/63 (0.57/0.32)	
			96/57 (0.49/0.29)		124/75 (0.63/0.38)	
			ft/min (m/sec)		ft/min (m/sec)	
			91/112 (0.46/0.57)		73/104 (0.37/0.53)	
			79/106 (0.4/0.54)		77/91 (0.39/0.46)	
			%		%	
			31/18		31/19	
			12/6		12/7	
			lbf		lbf	
			3335/3107		3440/3211	
			1274/1083		1360/1167	
			Service/Parking		Service/Parking	
			Hydraulic / Mechanical		Foot / Foot	
			Foot / Foot		Lead Acid	
			Standard Performance		PowerPlus Performance	
			36		48	
			hp (kW)		hp (kW)	
			24.7 (18.4)		24.7 (18.4)	
			16.6 (12.4)		22.4 (16.7)	
			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)		dB (A)	
			60		60	
			60		65	
			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.





# 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)
<b>2-STAGE LIMITED FREE LIFT (LFL) VISTA® PLUS MAST</b>								
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)
<b>2-STAGE FULL FREE LIFT (FFL) VISTA® MAST</b>								
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)
<b>3-STAGE FULL FREE LIFT (FFL) VISTA® PLUS MAST</b>								
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)
<b>4-STAGE FULL FREE LIFT (FFL) VISTA® MAST</b>								
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)
<b>2-STAGE LIMITED FREE LIFT (LFL) VISTA® PLUS MAST</b>								
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)
<b>2-STAGE FULL FREE LIFT (FFL) VISTA® MAST</b>								
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)
<b>3-STAGE FULL FREE LIFT (FFL) VISTA® PLUS MAST</b>								
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)
<b>4-STAGE FULL FREE LIFT (FFL) VISTA® MAST</b>								
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<sup>®</sup>350 (Anderson Power Products<sup>®</sup> P/N 6320G1 or equivalent)

48 volt - Blue SB<sup>®</sup>350 (Anderson Power Products<sup>®</sup> P/N 6321G1 or equivalent)

80 volt - Black SBE<sup>®</sup>320 (Anderson Power Products<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup>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<sup>®</sup> 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<sup>®</sup>)
- 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<sup>®</sup> mast\*
- 3-stage full free lift (FFL) VISTA<sup>®</sup>PLUS mast\*
- 4-stage full free lift (FFL) VISTA<sup>®</sup> 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<sup>®</sup>PLUS supplement brochure.



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