

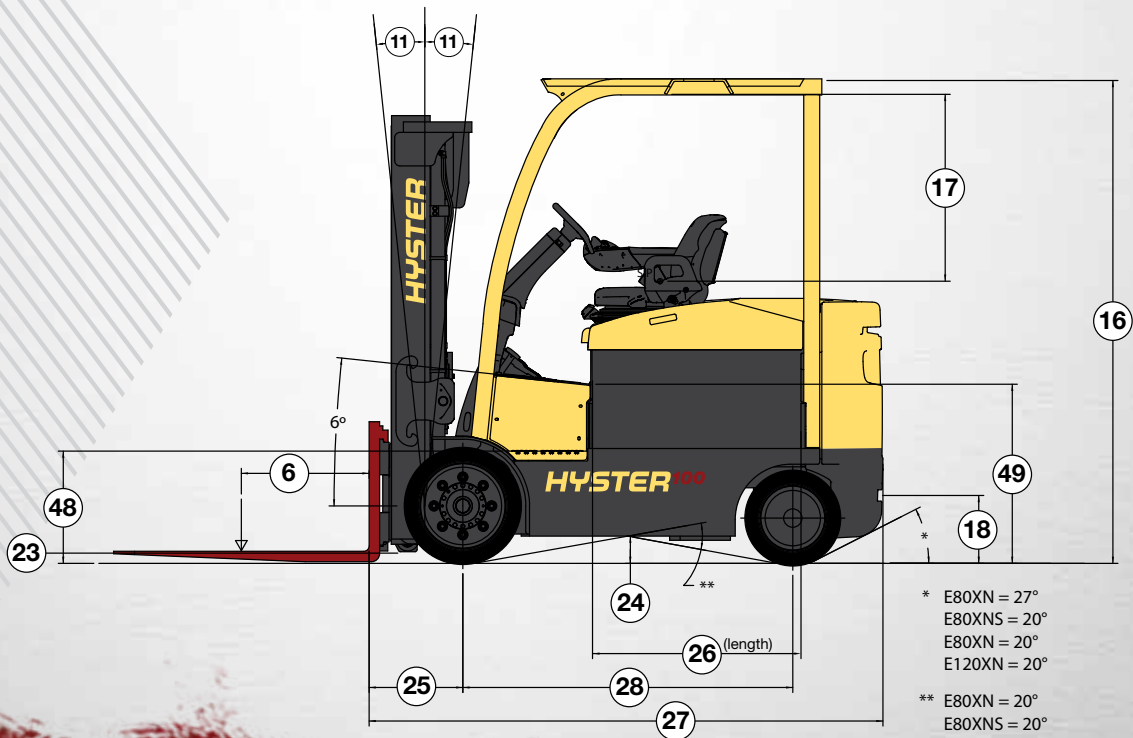
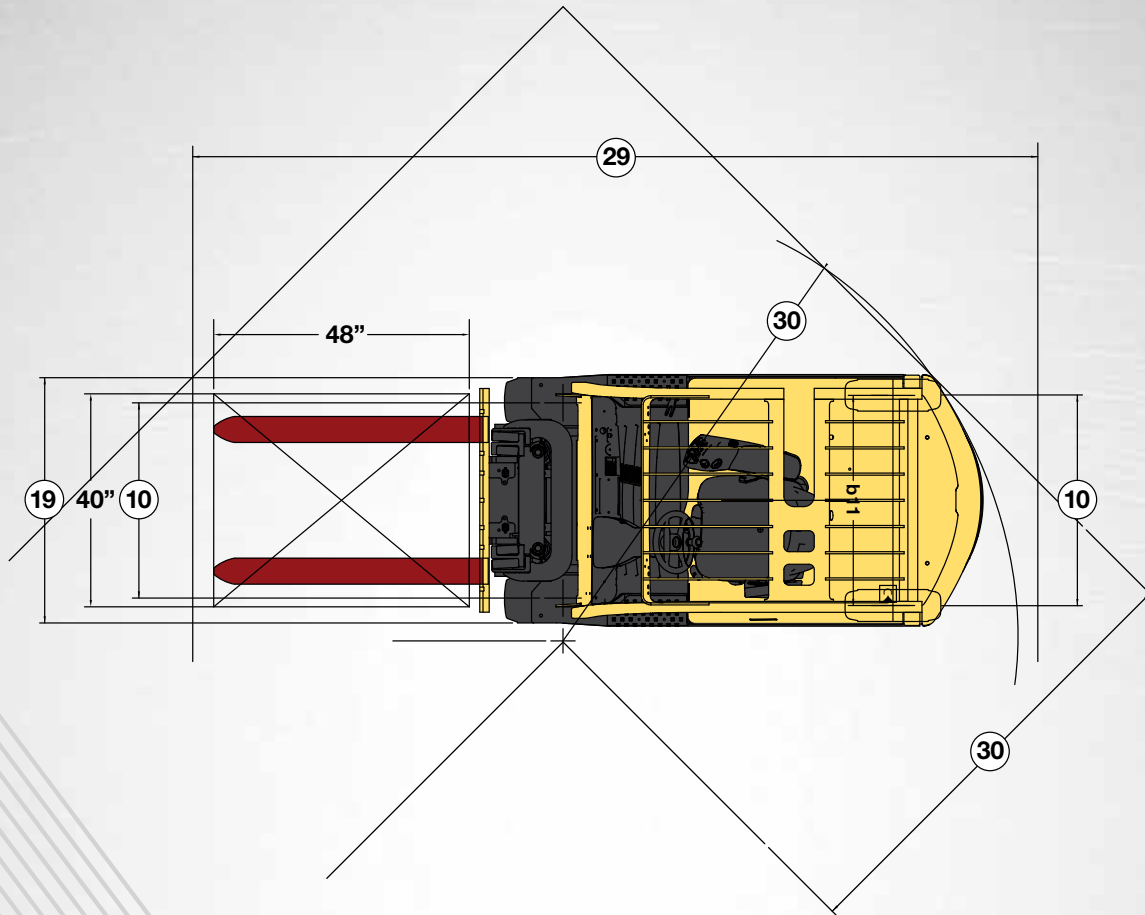
# E80-120XN SERIES



**STRONG PARTNERS.  
TOUGH TRUCKS.™**

**TECHNICAL GUIDE**  
Counterbalanced Electric, Cushion Tire

# E80-120XN DIMENSIONS



- \* E80XN = 27°  
E80XNS = 20°  
E80XN = 20°  
E120XN = 20°
- \*\* E80XN = 20°  
E80XNS = 20°  
E80XN = 18.5°  
E120XN = 18.5°

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

# E80XN SPECIFICATIONS

GENERAL				Hyster		
				E80XN		
1	Manufacturer			Hyster		
2	Model Designation			E80XN		
3	Power			Electric		
4	Operation			Sit		
5	Rated Capacity			8000 (3629)		
6	Load Center			24 (610)		
7	Tire Type - Cushion, Solid, Pneumatic, etc.			Cushion / Cushion		
8	Tire Size			22 x 9 x 16 / 18 x 6 x 12.1		
9	Wheels - Number			2X / 2		
10	Tread			Narr Dr / Wide Dr / Steer		
11	Mast Tilt			Std Opt		
12	Mast - Lowered Height			Std Mast		
13	Free Lift - Top of Fork			Std 2 Stg Limited Free Lift Mast		
14	Lift Height - Top of Fork			Std 2 Stg Limited Free Lift Mast		
15	Mast - Extended Height			Std Mast with / without LBR		
16	Overhead Guard Height			Std / Opt / Opt Flat Plate		
17	SIP to Bottom Std OHG			Seat Depressed		
18	Tow Pin Height			Vertical Center of Pin		
19	Overall Width			Standard Tread / Wide Tread		
20	Forks			Thickness x Width x Length		
21	Standard Carriage Width			Class III		
22	Floor to Top of Battery Rollers			Lowest Point		
23	Ground Clearance			Center of Truck		
24	Ground Clearance			Center of Wheel to Face of Forks		
25	Load Distance			Without / With Battery Rollers		
26	Battery Compartment			Height		
27	Length to Face of Forks			Wheelbase		
28	Wheelbase			Right Angle Stack		
29	Right Angle Stack			Equal Aisle		
30	Equal Aisle			90° Intersecting Aisle		
31	Outside Turning Radius			Truck Weight		
32	Truck Weight			Without Battery		
33	Axle Loading - Drive			Static with Max. Wt. Battery		
34	Axle Loading - Steer			Static with Max. Wt. Battery		
				<b>Standard Performance</b>		
				<b>VOLTS</b>		
				<b>36</b>		
				<b>48</b>		
				<b>80</b>		
36	Travel Speed			Extended Shift OFF		
37	Lift Speed			Std 2 Stg LFL Mast		
38	Lower Speed			Std 2 Stg LFL Mast		
39	Gradability			5 Minute Rating		
40	Drawbar Pull			5 Minute Rating		
41	Brake			Method of Control		
42	Battery			Type		
				<b>Standard Performance</b>		
				<b>VOLTS</b>		
				<b>36</b>		
				<b>48</b>		
				<b>80</b>		
43	Traction Motor			60 Minute Rating		
44	Pump Motor			15 % Rating		
45	Traction Motor			Type / Control Method		
46	Pump Motor			Type / Control Method		
47	Number of Speeds			Traction / Pump		
48	Step Height			Floor Height		
49	Floor Height			Lowest Point		
50	Attachment Relief Pressure			Auxiliary Oil Flow		
51	Auxiliary Oil Flow			3rd and 4th Function		
52	Sound Level			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. 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.



# E100XNS SPECIFICATIONS

GENERAL								
			Hyster					
1	Manufacturer		Hyster					
2	Model Designation		E100XNS					
3	Power		Electric					
4	Operation		Sit					
5	Rated Capacity		lb. (kg)	10000 (4536)				
6	Load Center		in. (mm)	24 (610)				
7	Tire Type - Cushion, Solid, Pneumatic, etc.		Drive / Steer					
			Cushion / Cushion					
8	Tire Size		in.	22 x 12 x 16 / 18 x 7 x 12.1				
9	Wheels - Number	X=Driven	Drive / Steer					
10	Tread	Center of Tires	Narr Dr / Wide Dr / Steer					
11	Mast Tilt		in. (mm)	40 / 43.9 / 38.3 (1015 / 1115 / 972)				
12	Mast - Lowered Height		degrees	5F / 5B 8F / 5B				
13	Free Lift - Top of Fork	Std 2 Stg Limited Free Lift Mast	in. (mm)	84.2 (2138)				
14	Lift Height - Top of Fork		in. (mm)	5 (150)				
	Std 2 Stg Full Free Lift Mast with / without LBR		in. (mm)	35 / 48 (897 / 1222)				
15	Mast - Extended Height	Std Mast with / without LBR	in. (mm)	109 (2790)				
16	Overhead Guard Height	Std / Opt / Opt Flat Plate	in. (mm)	159 / 144 (4031 / 3657)				
17	SIP to Bottom Std OHG	Seat Depressed	Std / Susp / Swivel	in. (mm)	94 / 91 / 87.1 (2388 / 2311 / 2212)			
18	Tow Pin Height	Vertical Center of Pin	in. (mm)	38.7 / 38.9 / 38.9 (984 / 989 / 989)				
19	Overall Width	Standard Tread / Wide Tread	in. (mm)	12.7 (324)				
20	Forks	Thickness x Width x Length	in. (mm)	52 / 55.9 (1320 / 1420)				
21	Standard Carriage Width	Class III	in. (mm)	2 x 5.9 x 42 (50 x 150 x 1067)				
22	Floor to Top of Battery Rollers		in. (mm)	42 (1067)				
23	Ground Clearance	Lowest Point	NL / RL	in. (mm)	20 (509)			
24	Ground Clearance	Center of Truck	NL / RL	in. (mm)	3.6 / 3.4 (92 / 87)			
25	Load Distance	Center of Wheel to Face of Forks	in. (mm)	5.3 / 5.1 (134 / 130)				
26	Battery Compartment		Without / With Battery Rollers	in. (mm)	17.8 (452)			
	Height			in. (mm)	24.4 / 24 (620 / 609)			
27	Width		Nominal	in. (mm)	45.4 (1152)			
	Length		Actual	in. (mm)	39"			
28	Length to Face of Forks	Chassis Length	in. (mm)	39.2 (996)				
29	Wheelbase		in. (mm)	100.3 (2548)				
30	Right Angle Stack		in. (mm)	62 (1574)				
31	Equal Aisle	90° Intersecting Aisle	in. (mm)	154 (3911)				
32	Outside Turning Radius		in. (mm)	83 (2107)				
33	Truck Weight	Without Battery	NL	lb. (kg)	88.2 (2240)			
34	Axle Loading - Drive	Static with Max. Wt. Battery	NL / RL	lb. (kg)	13070 (5928)			
35	Axle Loading - Steer	Static with Max. Wt. Battery	NL / RL	lb. (kg)	6798 / 23542 (3084 / 10678)			
				<b>Standard Performance</b>				
				<b>VOLTS</b>				
				<b>36</b>				
				<b>48</b>				
				<b>80</b>				
36	Travel Speed		Extended Shift OFF	NL / RL	mph (km/h)	10.3 / 8.8 (16.6 / 14.2)	11.4 / 11 (18.3 / 17.7)	11.4 / 11 (18.3 / 17.7)
			Extended Shift ON	NL / RL	mph (km/h)	9.1 / 7.7 (14.6 / 12.4)	11.4 / 9.9 (18.3 / 15.9)	11.4 / 9.9 (18.3 / 15.9)
37	Lift Speed		Std 2 Stg LFL Mast	NL / RL	ft/min (m/sec)	71 / 46 (0.36 / 0.232)	89 / 57 (0.45 / 0.29)	89 / 57 (0.45 / 0.29)
			Opt 2 Stg FFL Mast	NL / RL	ft/min (m/sec)	67 / 43 (0.34 / 0.219)	84 / 54 (0.425 / 0.274)	84 / 54 (0.425 / 0.274)
38	Lower Speed		Opt 3 Stg FFL Mast	NL / RL	ft/min (m/sec)	68 / 44 (0.346 / 0.223)	85 / 55 (0.433 / 0.279)	85 / 55 (0.433 / 0.279)
			Std 2 Stg LFL Mast	NL / RL	ft/min (m/sec)	73 / 89 (0.37 / 0.45)		
39	Gradability		Opt 2 Stg FFL Mast	NL / RL	ft/min (m/sec)	57 / 81 (0.29 / 0.41)		
			Opt 3 Stg FFL Mast	NL / RL	ft/min (m/sec)	63 / 87 (0.32 / 0.44)		
40	Drawbar Pull		5 Minute Rating	NL / RL	%	19.4 / 11.8	24.6 / 14.7	25.2 / 15.1
			60 Minute Rating	NL / RL	%	7.1 / 4.5	9.1 / 5.6	9.2 / 5.8
41	Brake		5 Minute Rating	NL / RL	lbf	3323 / 3185	3994 / 3832	4074 / 3909
			60 Minute Rating	NL / RL	lbf	1242 / 1224	1497 / 1479	1527 / 1509
42	Battery		Method of Control	Service / Parking		Hydraulic / Spring Applied		
			Method of Operation	Service / Parking		Foot / Automatic		
				<b>Lead Acid</b>				
				<b>Standard Performance</b>				
				<b>VOLTS</b>				
				<b>36</b>				
				<b>48</b>				
				<b>80</b>				
43	Traction Motor		60 Minute Rating	hp (kW)	28.8 (21.5)			
44	Pump Motor		15 % Rating	hp (kW)	28.8 (21.5)			
45	Traction Motor		Type / Control Method	35.5 (26.5)				
46	Pump Motor		Type / Control Method	48.3 (36)				
47	Number of Speeds		Traction / Pump	AC / Transistor				
48	Step Height			AC / Transistor				
49	Floor Height		Lowest Point	in. (mm)	Infinitely Variable / Infinitely Variable			
50	Attachment Relief Pressure			in. (mm)	21.1 (536)			
51	Auxiliary Oil Flow		3rd and 4th Function	psi (bar)	33.7 (855)			
52	Sound Level		Measured per ANSI B56.11.5	gal/min (l/min)	2248 (155)			
				dB (A)	16 (60)			
					69/66			

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. 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.

# E100XN SPECIFICATIONS

GENERAL				Hyster		
	1	Manufacturer			Hyster	
2	Model Designation			E100XN		
3	Power			Electric		
4	Operation			Sit		
5	Rated Capacity			10000 (4536)		
6	Load Center			24 (610)		
7	Tire Type - Cushion, Solid, Pneumatic, etc.			Cushion / Cushion		
8	Tire Size			22 x 12 x 16 / 18 x 7 x 12.1		
9	Wheels - Number			2X / 2		
10	Tread			40 / 43.9 / 38.3 (1015 / 1115 / 972)		
11	Mast Tilt			Std Opt		
12	Mast - Lowered Height			Std Mast		
13	Free Lift - Top of Fork			Std 2 Stg Limited Free Lift Mast		
14	Lift Height - Top of Fork			Std 2 Stg Limited Free Lift Mast		
15	Mast - Extended Height			Std Mast with / without LBR		
16	Overhead Guard Height			Std / Opt / Opt Flat Plate		
17	SIP to Bottom Std OHG			Seat Depressed		
18	Tow Pin Height			Vertical Center of Pin		
19	Overall Width			Standard Tread / Wide Tread		
20	Forks			Thickness x Width x Length		
21	Standard Carriage Width			Class III		
22	Floor to Top of Battery Rollers			Lowest Point		
23	Ground Clearance			Center of Truck		
24	Ground Clearance			Center of Wheel to Face of Forks		
25	Load Distance			Without / With Battery Rollers		
26	Battery Compartment			Height		
27	Length to Face of Forks			Wheelbase		
28	Wheelbase			Right Angle Stack		
29	Right Angle Stack			Equal Aisle		
30	Equal Aisle			90° Intersecting Aisle		
31	Outside Turning Radius			Truck Weight		
32	Truck Weight			Without Battery		
33	Axle Loading - Drive			Static with Max. Wt. Battery		
34	Axle Loading - Steer			Static with Max. Wt. Battery		
				Standard Performance		
				VOLTS		
				36		
				48		
				80		
36	Travel Speed			Extended Shift OFF		
37	Lift Speed			Std 2 Stg LFL Mast		
38	Lower Speed			Opt 2 Stg FFL Mast		
39	Gradability			5 Minute Rating		
40	Drawbar Pull			60 Minute Rating		
41	Brake			Method of Control		
42	Battery			Type		
				Standard Performance		
				VOLTS		
				36		
				48		
				80		
43	Traction Motor			60 Minute Rating		
44	Pump Motor			15 % Rating		
45	Traction Motor			Type / Control Method		
46	Pump Motor			Type / Control Method		
47	Number of Speeds			Traction / Pump		
48	Step Height			Floor Height		
49	Floor Height			Lowest Point		
50	Attachment Relief Pressure			Auxiliary Oil Flow		
51	Auxiliary Oil Flow			3rd and 4th Function		
52	Sound Level			Measured per ANSI B56.11.5		

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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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# E120XN SPECIFICATIONS

GENERAL				Hyster			
				E120XN			
TIRES/WHEELS				Electric			
				Sit			
DIMENSIONS				12000 (5443)			
				24 (610)			
WEIGHT				Cushion / Cushion			
				22 x 12 x 16 / 18 x 7 x 12.1			
PERFORMANCE				2X / 2			
				40 / 43.9 / 38.3 (1015 / 1115 / 972)			
ELECTRIC				Std Opt			
				degrees			
OTHER				5F / 5B 8F / 5B			
				84.2 (2138)			
GENERAL				5 (150)			
				35 / 48 (897 / 1222)			
TIRES/WHEELS				109 (2790)			
				159 / 144 (4031 / 3657)			
DIMENSIONS				94 / 91 / 87.1 (2388 / 2311 / 2212)			
				38.7 / 38.9 / 38.9 (984 / 989 / 989)			
WEIGHT				12.7 (324)			
				52 / 55.9 (1320 / 1420)			
PERFORMANCE				2.4 x 5.9 x 42 (60 x 150 x 1067)			
				42 (1067)			
ELECTRIC				20 (509)			
				3.6 / 3.4 (92 / 87)			
OTHER				5.3 / 5.1 (134 / 130)			
				18.2 (462)			
GENERAL				24.4 / 24 (620 / 609)			
				45.4 (1152)			
TIRES/WHEELS				Nominal			
				SIZE			
DIMENSIONS				45"			
				in. (mm)			
WEIGHT				45.7 (1161)			
				107.2 (2724)			
PERFORMANCE				in. (mm)			
				68.5 (1739)			
ELECTRIC				161.5 (4101)			
				85.7 (2178)			
OTHER				95.3 (2420)			
				13860 (6287)			
GENERAL				7556 / 26951 (3427 / 12225)			
				11848 / 4453 (5374 / 2020)			
TIRES/WHEELS				Standard Performance			
				VOLTS			
DIMENSIONS				36			
				48			
WEIGHT				80			
				mph (km/h)			
PERFORMANCE				9.4 / 8 (15.1 / 12.9)			
				10.4 / 10 (16.7 / 16.1)			
ELECTRIC				10.4 / 9 (16.7 / 14.5)			
				8.2 / 7 (13.2 / 11.3)			
OTHER				10.4 / 9 (16.7 / 14.5)			
				ft/min (m/sec)			
GENERAL				71 / 43 (0.36 / 0.216)			
				89 / 53 (0.45 / 0.27)			
TIRES/WHEELS				89 / 53 (0.45 / 0.27)			
				ft/min (m/sec)			
DIMENSIONS				67 / 40 (0.34 / 0.204)			
				84 / 50 (0.425 / 0.255)			
WEIGHT				84 / 50 (0.425 / 0.255)			
				ft/min (m/sec)			
PERFORMANCE				68 / 41 (0.346 / 0.208)			
				85 / 51 (0.433 / 0.26)			
ELECTRIC				85 / 51 (0.433 / 0.26)			
				ft/min (m/sec)			
OTHER				73 / 89 (0.37 / 0.45)			
				57 / 81 (0.29 / 0.41)			
GENERAL				63 / 87 (0.32 / 0.44)			
				ft/min (m/sec)			
TIRES/WHEELS				18.5 / 10.4			
				22.8 / 13.1			
DIMENSIONS				23.3 / 13.4			
				%			
WEIGHT				6.6 / 4			
				8.3 / 5.1			
PERFORMANCE				8.5 / 5.1			
				3320 / 3179			
ELECTRIC				3918 / 3755			
				3996 / 3830			
OTHER				1239 / 1218			
				1466 / 1445			
GENERAL				1495 / 1474			
				Hydraulic / Spring Applied			
TIRES/WHEELS				Foot / Automatic			
				Lead Acid			
DIMENSIONS				Standard Performance			
				VOLTS			
WEIGHT				36			
				48			
PERFORMANCE				80			
				hp (kW)			
ELECTRIC				28.8 (21.5)			
				28.8 (21.5)			
OTHER				28.2 (21)			
				35.5 (26.5)			
GENERAL				48.3 (36)			
				48.3 (36)			
TIRES/WHEELS				hp (kW)			
				AC / Transistor			
DIMENSIONS				AC / Transistor			
				AC / Transistor			
WEIGHT				AC / Transistor			
				AC / Transistor			
PERFORMANCE				AC / Transistor			
				AC / Transistor			
ELECTRIC				AC / Transistor			
				AC / Transistor			
OTHER				AC / Transistor			
				AC / Transistor			
GENERAL				AC / Transistor			
				AC / Transistor			
TIRES/WHEELS				AC / Transistor			
				AC / Transistor			
DIMENSIONS				AC / Transistor			
				AC / Transistor			
WEIGHT				AC / Transistor			
				AC / Transistor			
PERFORMANCE				AC / Transistor			
				AC / Transistor			
ELECTRIC				AC / Transistor			
				AC / Transistor			
OTHER				AC / Transistor			
				AC / Transistor			

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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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# MAST DIMENSIONS AND BATTERY SPECIFICATIONS

## E80XN MAST DIMENSIONS

Maximum Fork Height (TOF) +	Overall Lowered Ht.	Overall Extended Height w/Load Backrest	Overall Extended Height w/o Load Backrest	Free-Lift (TOF) w/ Load Backrest	Free-Lift (TOF) w/o Load Backrest
in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)
<b>2-STAGE LIMITED FREE-LIFT (LFL) MAST</b>					
120 (3050)	84 (2134)	176 (4455)	149 (3783)	5 (150)	5 (150)
143 (3650)	96 (2434)	193 (4884)	173 (4383)	5 (150)	5 (150)
<b>2-STAGE FULL FREE-LIFT (FFL) MAST</b>					
121 (3075)	84 (2134)	170 (4309)	152 (3857)	35 (900)	53 (1352)
144 (3675)	96 (2434)	194 (4909)	176 (4457)	47 (1200)	65 (1652)
<b>3-STAGE FULL FREE-LIFT (FFL) MAST</b>					
173 (4415)	84 (2134)	223 (5649)	205 (5197)	35 (900)	53 (1352)
185 (4715)	88 (2234)	235 (5949)	217 (5497)	39 (1000)	57 (1452)
194 (4950)	92 (2334)	244 (6184)	226 (5732)	43 (1100)	61 (1552)
218 (5550)	100 (2534)	268 (6784)	250 (6332)	51 (1300)	69 (1752)

## E100XNS, E100XN, E120XN MAST DIMENSIONS

Maximum Fork Height (TOF) +	Overall Lowered Ht.	Overall Extended Height w/Load Backrest	Overall Extended Height w/o Load Backrest	Free-Lift (TOF) w/ Load Backrest	Free-Lift (TOF) w/o Load Backrest
in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)
<b>2-STAGE LIMITED FREE-LIFT (LFL) MAST</b>					
109 (2790)	85 (2138)	159 (4031)	144 (3657)	5 (150)	5 (150)
133 (3390)	96 (2438)	183 (4631)	168 (4257)	5 (150)	5 (150)
157 (3990)	108 (2738)	206 (5231)	192 (4857)	5 (150)	5 (150)
<b>2-STAGE FULL FREE-LIFT (FFL) MAST</b>					
110 (2815)	85 (2138)	160 (4056)	147 (3731)	35 (897)	48 (1222)
134 (3415)	96 (2438)	184 (4656)	171 (4331)	47 (1197)	59 (1522)
<b>3-STAGE FULL FREE-LIFT (FFL) MAST</b>					
162 (4137)	85 (2138)	212 (5378)	200 (5058)	35 (897)	47 (1217)
184 (4690)	92 (2338)	234 (5931)	221 (5611)	43 (1097)	55 (1417)
208 (5290)	100 (2538)	258 (6531)	245 (6211)	51 (1297)	63 (1617)

## BATTERY and COMPARTMENT SPECIFICATIONS

Truck Model	Battery Compartment Dimensions			Battery Dimensions and Specifications			Volts	No. of Cells	Plates per Cell	Max Capacity 6 Hour Rate amp hr (kwh)	Weight	
	Width	Length	Height	"X"	"Y"	"Z"					Min	Max
	in (mm)			in (mm)							lb (kg)	
E80XN E100XNS 39" Compartment	45.4 (1152)	39.2 (996)	24.5 (622)	45 (1143)	39 (990)	23.9 (608)	36	18	33	2300 (80.3)	3400 (1542)	4800 (2177)
							48	24	29	1800 (83.8)		
							80	40	15	1000 (77.6)		
E100XN E120XN 45" Compartment	45.4 (1152)	45.7 (1161)	24.5 (622)	45 (1143)	45.3 (1150)	23.9 (608)	36	36	19	2300 (160.6)	4000 (1814)	5500 (2517)
							48	24	33	1800 (83.8)		
							80	40	17	1000 (77.6)		

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 24.0" (609mm) & max battery height to 23.4" (595mm)

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 - Grey SB®350 (Anderson Power Products® P/N 6320G2 or equivalent)

48 volt - Blue SB®350 (Anderson Power Products® P/N 6321G2 or equivalent)

80 volt - Black SBE®320 (Anderson Power Products® P/N E6359G3 or equivalent)

Handle (not required): SB®350 and SBE®320 (Anderson Power Products® : "A" TYPE (Grey) P/N 995G2 or equivalent)

Battery Lead: Length 20" (508 mm), Position "B", 4/0 AWG

### Battery Notes – Rapid/Fast Charging (Opt G26202)

Battery Connector: Requires Dual Positive / Negative Cabling terminating in (2) Female EBC-320 DIN Connectors (Anderson Power Products® P/N E32504-00X9 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 4/0 AWG



## STANDARD EQUIPMENT

- 2-Stage Limited Free Lift (LFL) mast with Maximum Fork Height of 120" (3050mm) (E80XN) or 109" (2790mm) (E100-120XN)
- 5° Forward and 5° Back Mast Tilt
- 42" (1067mm) Wide Class III (E80XN) or Class IV (E100-120XN) Hook-type Carriage with 48" (1219mm) High Load Backrest Extension
- 42" (1067mm) Long Forks
- Smooth Tread Rubber Drive Tire and Steer Tire
- Battery Compartment Size (Length)
  - 39" for the E80XN-100XNS
  - 45.5" for the E100-120XN
- Lift Out Battery Extraction
- 36 Volt Electrical System
- Standard Construction
- UL Classification Type "E"
- 12" Steering Wheel with Integral Spinner Knob
- On-Demand Hydrostatic Power Assist Steer System
- Non-Suspension Vinyl Seat
- Black ELR Non-Cinch Seat Belt
- Auto Park Brake
- Key Switch Start
- 94" Grid Style Overhead Guard
- MONOTROL™ Foot Direction Control
- 3 Function Hydraulic Control Valve w/Seat Side 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
- Hyster Stability System™
- Power Assist Braking
- ADS (Auto Deceleration System) with Regenerative Braking
- Multifunction Display
  - Battery State of Charge Indicator with Lift Interrupt
  - Hour Meters – Traction Motor, Lift Pump Motor and Truck
  - Performance Mode Indicator
  - Direction Indicator
  - Fault Indicator (Audible & Visible)
  - 4 Operator Selectable, Programmable Performance Modes
- Easy Ingress/Egress w/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
- Anti Cinch Operator Restraint System
- Operator Presence System
- 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)
- 12 Month / 2,000 Hour Full Truck Warranty
- 24 Month / 4,000 Hour Powertrain Warranty
- Operating Manual


## OPTIONAL EQUIPMENT:

- Side Extraction Battery Removal with Rollers
- 48 or 80 Volt Electrical System
- Rapid / Fast Charge
- Cooler / Freezer Package
- UL Classification Type "EE"
- Available with 2-stage Limited Free Lift (LFL) and 2- or 3-stage Full Free Lift (FFL) masts
- Carriage with Integral Sideshift
- Attachment Carriages (E100XN/XNS)
- Mast Tilt Option – 8° Forward / 5° Back
- Return to Set Tilt
- Accumulator
- TouchPoint Hydraulic Mini-levers 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)
- Swivel Seat, Full Suspension (Vinyl or Cloth)
- 91" Grid Style Overhead Guard
- 87" Flat Plate Overhead Guard
- Keyless Start (with Auxiliary Key Switch)
- Seat Side Directional Control
- Telescopic Steering Column with Tilt Memory
- LED and Halogen work light packages
- LED Dome / Reading Light
- LED Brake / Tail / Back-Up light packages
- Audible Reverse Activated Alarm
- Visible Amber Strobe Light - Continuous Activated, Overhead Guard Mounted
- Rear Drive Handle with Integrated Horn Button
- Mirrors – Dual Rear View or Single 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 and without Quick Disconnect Fittings
- Maintenance Reminder
- Fire Extinguisher – 2.5 lb. Dry Chemical
- Red (HI-VIS) ELR (Emergency Locking Retractor) Non-cinch Seat Belt
- Red (HI-VIS) ELR (Emergency Locking Retractor) Non-cinch Seat Belt with Start Interlock
- Low Mount Display



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