

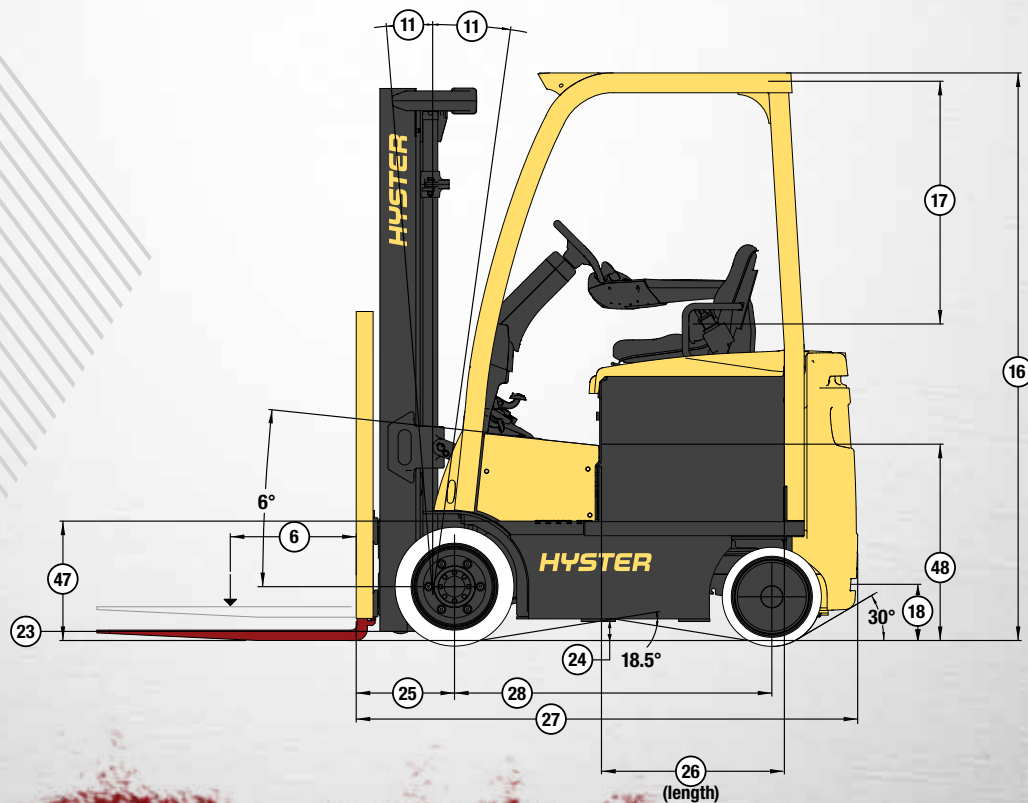
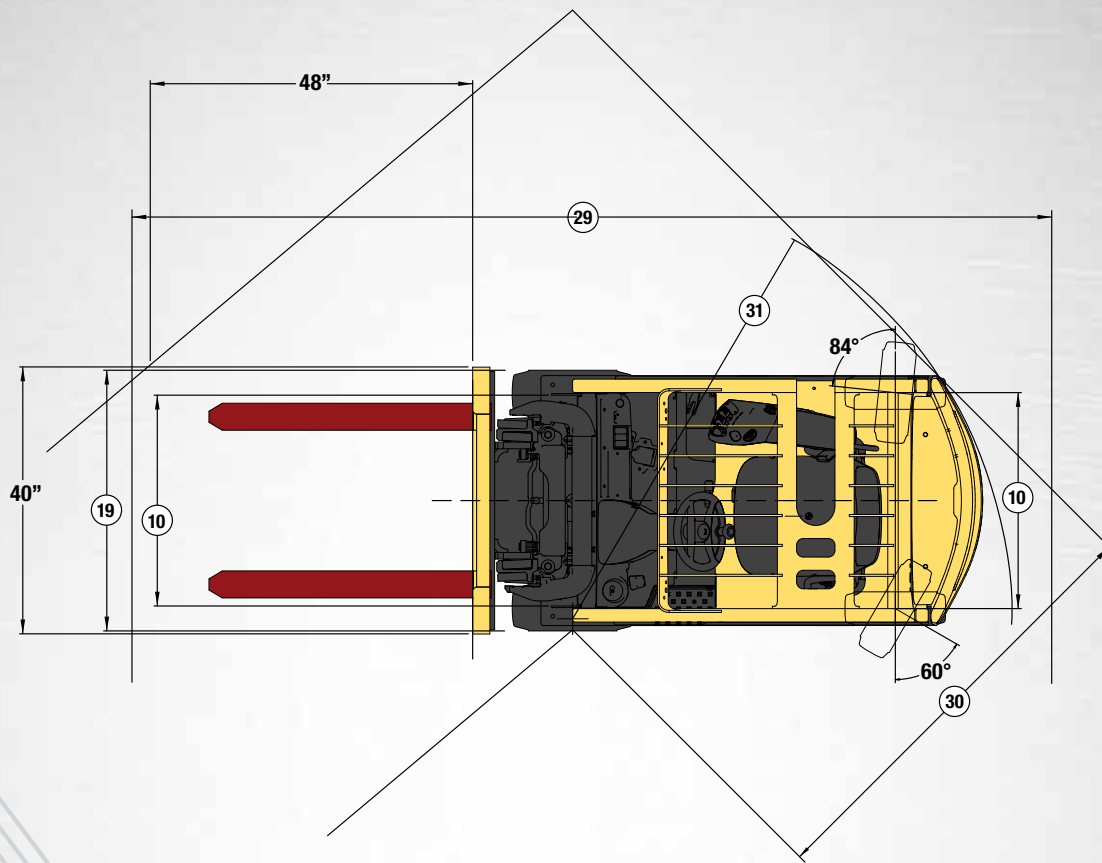
E30-40XN SERIES



**STRONG PARTNERS.
TOUGH TRUCKS.™**

TECHNICAL GUIDE
Counterbalanced Electric, Cushion Tire

E30-40XN DIMENSIONS



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

E30XN SPECIFICATIONS

	GENERAL				Hyster			
	1	Manufacturer				E30XN		
2	Model Designation				Electric			
3	Power				Sit			
4	Operation				3000 (1361)			
5	Rated Capacity		lb (kg)		24 (610)			
6	Load Center		in (mm)		Cushion / Cushion			
TIRES	7	Tire Type - Cushion, Solid, Pneumatic, etc.		Drive / Steer		18 x 6 x 12.1 / 14 x 4.5 x 8		
	8	Tire Size	Std	Drive / Steer	in	18 x 7 x 12.1 / 15 x 5 x 11.25		
			Opt	Drive / Steer	in	2X / 2		
	9	Wheels - Number	X=Driven	Drive / Steer	31 / 31.8 / 37 / 35.7 (788 / 808 / 939 / 906)			
DIMENSIONS	10	Tread - Drive	Center of Tires	Nar / Int / Wide 6" / Wide 7"	in (mm)	32.4 (822)		
		Tread - Steer	Center of Tires		in (mm)	5F / 5B 10F / 5B		
	11	Mast Tilt	Std Opt		degrees	82 (2080)		
	12	Mast - Lowered Height	Std Mast		in (mm)	5 (140)		
	13	Free Lift - Top of Fork	Std 2 Stg Limited Free Lift Mast		in (mm)	31 / 57 (807 / 1456)		
			Opt 2 Stg Full Free Lift Mast with / without LBR		in (mm)	127 (3232)		
	14	Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast		in (mm)	176 / 150 (4455 / 3806)		
	15	Mast - Extended Height	Std Mast with / without LBR		in (mm)	88.5 / 86.5 / 83.5 (2248 / 2197 / 2121)		
	16	Overhead Guard Height	Std & DIR / Opt Grid / Flat Plate		in (mm)	38.7 / 37.3 (984 / 949)		
	17	SIP to Underside OHG	Susp at Mid-Point	Std / Full Susp	in (mm)	9.1 (232)		
	18	Tow Pin Height	Vertical Center of Pin		in (mm)	37.2 / 38.8 / 43 / 42.7 (945 / 986 / 1091 / 1084)		
	19	Overall Width	Nar / Int / Wide 6" / Wide 7" Tread		in (mm)	1.6 x 3.9 x 42 (40 x 100 x 1067)		
	20	Forks	Thickness x Width x Length		in (mm)	35.7 (907)		
	21	Standard Carriage Width	Class II		in (mm)	17.1 (435)		
	22	Floor to Top of Battery Rollers			in (mm)	3.5 / 3.3 (90 / 84)		
	23	Ground Clearance	Lowest Point	NL / RL	in (mm)	3.9 / 3.6 (98 / 92)		
	24	Ground Clearance	Center of Truck	NL / RL	in (mm)	14.2 (360)		
	25	Load Distance	Center of Wheel to Face of Forks		in (mm)	24 / 23.5 (610 / 597)		
	26	Battery Compartment	Height	Std / Battery Rollers	in (mm)	35.8 / 35.6 (909 / 904)		
			Width	UL Classification "E"/"EE"	in (mm)	27.6 (700)		
		Length		in (mm)	75.1 (1908)			
27	Length to Face of Forks	Chassis Length		in (mm)	48 (1220)			
28	Wheelbase			in (mm)	127 (3226)			
29	Right Angle Stack			in (mm)	68.7 (1745)			
30	Equal Aisle	90° Intersecting Aisle		in (mm)	64.7 (1644)			
WT.	31	Outside Turning Radius			in (mm)	5130 (2327)		
	32	Truck Weight	Without Battery	NL	lb (kg)	3460 / 8842 (1569 / 4011)		
	33	Axle Loading - Drive	Static with Max. Wt. Battery	NL / RL	lb (kg)	4163 / 1780 (1888 / 807)		
34	Axle Loading - Steer	Static with Max. Wt. Battery	NL / RL	lb (kg)	VOLTS			
PERFORMANCE					36	48		
	35	Travel Speed	Extended Shift OFF	NL / RL	mph (km/h)	11.4 / 11.4 (18.4 / 18.4)	11.4 / 11.4 (18.4 / 18.4)	
			Extended Shift ON	NL / RL	mph (km/h)	11.4 / 11.4 (18.4 / 18.4)	11.4 / 11.4 (18.4 / 18.4)	
	36	Lift Speed	Std 2 Stg LFL Mast	NL / RL	ft/min (m/sec)	126 / 83 (0.64 / 0.424)	142 / 104 (0.72 / 0.53)	
			Opt 2 Stg FFL Mast	NL / RL	ft/min (m/sec)	113 / 75 (0.573 / 0.38)	127 / 94 (0.645 / 0.475)	
	37	Lower Speed	Opt 3 Stg FFL Mast	NL / RL	ft/min (m/sec)	117 / 77 (0.594 / 0.393)	131 / 97 (0.668 / 0.492)	
			Std 2 Stg LFL Mast	NL / RL	ft/min (m/sec)	93 / 100 (0.47 / 0.51)		
			Opt 2 Stg FFL Mast	NL / RL	ft/min (m/sec)	73 / 91 (0.37 / 0.46)		
			Opt 3 Stg FFL Mast	NL / RL	ft/min (m/sec)	81 / 94 (0.41 / 0.48)		
	38	Gradeability	5 Minute Rating	NL / RL	%	31.1 / 23.7	34 / 24.2	
60 Minute Rating			NL / RL	%	7 / 5.4	7.4 / 5.8		
39	Drawbar Pull	5 Minute Rating	NL / RL	lbf (N)	2734 / 2856 (12163 / 12705)	2793 / 2914 (12422 / 12964)		
		60 Minute Rating	NL / RL	lbf (N)	630 / 694 (2804 / 3087)	643 / 709 (2862 / 3156)		
40	Brake	Method of Control	Service / Parking	Hydraulic / Mechanical				
		Method of Operation	Service / Parking	Foot / Foot (Optional Park Brake – Automatic)				
ELECTRIC	41	Battery	Type	Lead Acid				
	42	Traction Motor	60 Minute Rating	hp (kW)	24.7 (18.4)	24.7 (18.4)		
	43	Pump Motor	S3-15%	hp (kW)	21.5 (16)	21.5 (16)		
	44	Traction Motor	Type / Control Method	AC / Transistor				
	45	Pump Motor	Type / Control Method	AC / Transistor				
46	Number of Speeds	Traction / Pump		Infinitely Variable / Infinitely Variable				
OTHER	47	Step Height			in (mm)	18.7 (475)		
	48	Floor Height	Lowest Point			in (mm)	30.4 (772)	
	49	Attachment Relief Pressure	Mech Levers / Mini-levers		psi (bar)	2596 / 2596 (179 / 179)		
	50	Auxiliary Oil Flow	3rd Function / 4th Function		gal/min (l/min)	10.6 / 10.6 (40 / 40)		
	51	Sound Level	Measured per ANSI B56.11.5		dB (A)	64		

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.

E35XN SPECIFICATIONS

						Hyster			
GENERAL	1	Manufacturer				Hyster			
	2	Model Designation				E35XN			
	3	Power				Electric			
	4	Operation				Sit			
	5	Rated Capacity		lb (kg)			3500 (1588)		
TIRES	6	Load Center		in (mm)			24 (610)		
	7	Tire Type - Cushion, Solid, Pneumatic, etc.		Drive / Steer		Cushion / Cushion			
	8	Tire Size	Std	Drive / Steer		in	18 x 6 x 12.1 / 14 x 4.5 x 8		
			Opt	Drive / Steer		in	18 x 7 x 12.1 / 15 x 5 x 11.25		
	9	Wheels - Number	X=Driven	Drive / Steer				2X / 2	
	10	Tread - Drive	Center of Tires	Nar / Int / Wide 6" / Wide 7"		in (mm)	31 / 31.8 / 37 / 35.7 (788 / 808 / 939 / 906)		
		Tread - Steer	Center of Tires			in (mm)	32.4 (822)		
	11	Mast Tilt	Std Opt			degrees	5F / 5B 10F / 5B		
	12	Mast - Lowered Height	Std Mast			in (mm)	82 (2080)		
	DIMENSIONS	13	Free Lift - Top of Fork	Std 2 Stg Limited Free Lift Mast		in (mm)	5 (140)		
			Opt 2 Stg Full Free Lift Mast with / without LBR		in (mm)	31 / 57 (807 / 1456)			
14		Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast		in (mm)	127 (3232)			
15		Mast - Extended Height	Std Mast with / without LBR		in (mm)	176 / 150 (4455 / 3806)			
16		Overhead Guard Height	Std & DIR / Opt Grid / Flat Plate		in (mm)	88.5 / 86.5 / 83.5 (2248 / 2197 / 2121)			
17		SIP to Underside OHG	Susp at Mid-Point	Std / Full Susp		in (mm)	38.7 / 37.3 (984 / 949)		
18		Tow Pin Height	Vertical Center of Pin		in (mm)	9.1 (232)			
19		Overall Width	Nar / Int / Wide 6" / Wide 7" Tread		in (mm)	37.2 / 38.8 / 43 / 42.7 (945 / 986 / 1091 / 1084)			
20		Forks	Thickness x Width x Length		in (mm)	1.6 x 3.9 x 42 (40 x 100 x 1067)			
21		Standard Carriage Width	Class II		in (mm)	35.7 (907)			
22		Floor to Top of Battery Rollers			in (mm)	17.1 (435)			
23		Ground Clearance	Lowest Point	NL / RL		in (mm)	3.5 / 3.3 (90 / 84)		
24		Ground Clearance	Center of Truck	NL / RL		in (mm)	3.9 / 3.6 (98 / 92)		
25		Load Distance	Center of Wheel to Face of Forks		in (mm)	14.2 (360)			
26		Battery Compartment	Height	Std / Battery Rollers		in (mm)	24 / 23.5 (610 / 597)		
			Width	UL Classification "E"/"EE"		in (mm)	35.8 / 35.6 (909 / 904)		
			Length			in (mm)	27.6 (700)		
27		Length to Face of Forks	Chassis Length		in (mm)	75.9 (1929)			
28		Wheelbase			in (mm)	48 (1220)			
29		Right Angle Stack			in (mm)	127.8 (3247)			
30	Equal Aisle	90° Intersecting Aisle		in (mm)	68.8 (1748)				
31	Outside Turning Radius			in (mm)	65.2 (1657)				
WT.	32	Truck Weight	Without Battery	NL	lb (kg)	5390 (2445)			
	33	Axle Loading - Drive	Static with Max. Wt. Battery	NL / RL	lb (kg)	3400 / 9679 (1542 / 4390)			
	34	Axle Loading - Steer	Static with Max. Wt. Battery	NL / RL	lb (kg)	4483 / 1704 (2033 / 773)			
PERFORMANCE	35	Travel Speed	Extended Shift OFF	NL / RL	mph (km/h)	11.4 / 11.4 (18.4 / 18.4)	48		
			Extended Shift ON	NL / RL	mph (km/h)	11.4 / 10.7 (18.4 / 17.3)	11.4 / 11.4 (18.4 / 18.4)		
	36	Lift Speed	Std 2 Stg LFL Mast	NL / RL	ft/min (m/sec)	126 / 77 (0.64 / 0.392)	142 / 96 (0.72 / 0.49)		
			Opt 2 Stg FFL Mast	NL / RL	ft/min (m/sec)	113 / 69 (0.573 / 0.351)	127 / 86 (0.645 / 0.439)		
	37	Lower Speed	Opt 3 Stg FFL Mast	NL / RL	ft/min (m/sec)	117 / 72 (0.594 / 0.364)	131 / 90 (0.668 / 0.455)		
			Std 2 Stg LFL Mast	NL / RL	ft/min (m/sec)	93 / 100 (0.47 / 0.51)			
			Opt 2 Stg FFL Mast	NL / RL	ft/min (m/sec)	73 / 91 (0.37 / 0.46)			
			Opt 3 Stg FFL Mast	NL / RL	ft/min (m/sec)	81 / 94 (0.41 / 0.48)			
	38	Gradeability	5 Minute Rating	NL / RL	%	30.8 / 23			
			60 Minute Rating	NL / RL	%	7 / 5.2			
39	Drawbar Pull	5 Minute Rating	NL / RL	lbf (N)	2681 / 2800 (11924 / 12455)	2738 / 2857 (12178 / 12709)			
		60 Minute Rating	NL / RL	lbf (N)	618 / 680 (2748 / 3026)	630 / 694 (2804 / 3088)			
40	Brake	Method of Control	Service / Parking		Hydraulic / Mechanical				
		Method of Operation	Service / Parking		Foot / Foot (Optional Park Brake - Automatic)				
ELECTRIC	41	Battery	Type		Lead Acid				
	42	Traction Motor	60 Minute Rating		hp (kW)	24.7 (18.4)	24.7 (18.4)		
	43	Pump Motor	S3-15%		hp (kW)	21.5 (16)	21.5 (16)		
	44	Traction Motor	Type / Control Method		AC / Transistor				
	45	Pump Motor	Type / Control Method		AC / Transistor				
46	Number of Speeds	Traction / Pump		Infinitely Variable / Infinitely Variable					
OTHER	47	Step Height			in (mm)	18.7 (475)			
	48	Floor Height	Lowest Point		in (mm)	30.4 (772)			
	49	Attachment Relief Pressure	Mech Levers / Mini-levers		psi (bar)	2596 / 2596 (179 / 179)			
	50	Auxiliary Oil Flow	3rd Function / 4th Function		gal/min (l/min)	10.6 / 10.6 (40 / 40)			
	51	Sound Level	Measured per ANSI B56.11.5		dB (A)	64			

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.

E40XN SPECIFICATIONS

	GENERAL						
	1	Manufacturer				Hyster	
2	Model Designation				E40XN		
3	Power				Electric		
4	Operation				Sit		
5	Rated Capacity		lb (kg)		4000 (1814)		
6	Load Center		in (mm)		24 (610)		
TIRES	7	Tire Type - Cushion, Solid, Pneumatic, etc.		Drive / Steer		Cushion / Cushion	
	8	Tire Size		Std Drive / Steer		in 18 x 7 x 12.1 / 15 x 5 x 11.25	
	9	Wheels - Number		X=Driven Drive / Steer		in N / A / N / A	
	10	Tread - Drive		Center of Tires Nar / Int / Wide 6" / Wide 7"		in (mm) N/A / 31.8 / N/A / 35.7 (N/A / 808 / N/A / 906)	
DIMENSIONS		Tread - Steer		Center of Tires		in (mm) 32.2 (817)	
	11	Mast Tilt		Std Opt		degrees 5F / 5B 10F / 5B	
	12	Mast - Lowered Height		Std Mast		in (mm) 82 (2080)	
	13	Free Lift - Top of Fork		Std 2 Stg Limited Free Lift Mast		in (mm) 5 (140)	
				Opt 2 Stg Full Free Lift Mast with / without LBR		in (mm) 31 / 57 (807 / 1456)	
	14	Lift Height - Top of Fork		Std 2 Stg Limited Free Lift Mast		in (mm) 127 (3232)	
	15	Mast - Extended Height		Std Mast with / without LBR		in (mm) 176 / 150 (4455 / 3806)	
	16	Overhead Guard Height		Std & DIR / Opt Grid / Flat Plate		in (mm) 88.5 / 86.5 / 83.5 (2248 / 2197 / 2121)	
	17	SIP to Underside OHG		Susp at Mid-Point Std / Full Susp		in (mm) 38.7 / 37.3 (984 / 949)	
	18	Tow Pin Height		Vertical Center of Pin		in (mm) 9.1 (232)	
	19	Overall Width		Nar / Int / Wide 6" / Wide 7" Tread		in (mm) 38.8 / 42.7 (986 / 1084)	
	20	Forks		Thickness x Width x Length		in (mm) 1.6 x 3.9 x 42 (40 x 100 x 1067)	
	21	Standard Carriage Width		Class II		in (mm) 35.7 (907)	
	22	Floor to Top of Battery Rollers				in (mm) 17.1 (435)	
	23	Ground Clearance		Lowest Point NL / RL		in (mm) 3.5 / 3.3 (90 / 84)	
	24	Ground Clearance		Center of Truck NL / RL		in (mm) 3.9 / 3.6 (98 / 92)	
	25	Load Distance		Center of Wheel to Face of Forks		in (mm) 14.2 (360)	
	26	Battery Compartment		Height Std / Battery Rollers		in (mm) 24 / 23.5 (610 / 597)	
				Width UL Classification "E"/"EE"		in (mm) 35.8 / 35.6 (909 / 904)	
				Length		in (mm) 27.6 (700)	
27	Length to Face of Forks		Chassis Length		in (mm) 77.5 (1968)		
28	Wheelbase				in (mm) 48 (1220)		
29	Right Angle Stack				in (mm) 128.7 (3270)		
30	Equal Aisle		90° Intersecting Aisle		in (mm) 69.1 (1754)		
31	Outside Turning Radius				in (mm) 66.6 (1692)		
WT.	32	Truck Weight		Without Battery NL		lb (kg) 5770 (2617)	
	33	Axle Loading - Drive		Static with Max. Wt. Battery NL / RL		lb (kg) 3336 / 10512 (1513 / 4768)	
	34	Axle Loading - Steer		Static with Max. Wt. Battery NL / RL		lb (kg) 4925 / 1749 (2234 / 793)	
PERFORMANCE				VOLTS		36 48	
	35	Travel Speed		Extended Shift OFF NL / RL		mph (km/h) 11.4 / 10.5 (18.4 / 16.9)	
				Extended Shift ON NL / RL		mph (km/h) 11.4 / 9.5 (18.4 / 15.3)	
	36	Lift Speed		Std 2 Stg LFL Mast NL / RL		ft/min (m/sec) 126 / 74 (0.64 / 0.376)	
				Opt 2 Stg FFL Mast NL / RL		ft/min (m/sec) 113 / 66 (0.573 / 0.337)	
	37	Lower Speed		Opt 3 Stg FFL Mast NL / RL		ft/min (m/sec) 117 / 69 (0.594 / 0.349)	
				Std 2 Stg LFL Mast NL / RL		ft/min (m/sec) 93 / 100 (0.47 / 0.51)	
				Opt 2 Stg FFL Mast NL / RL		ft/min (m/sec) 73 / 91 (0.37 / 0.46)	
				Opt 3 Stg FFL Mast NL / RL		ft/min (m/sec) 81 / 94 (0.41 / 0.48)	
	38	Gradeability		5 Minute Rating NL / RL		% 30.4 / 22.7	
		60 Minute Rating NL / RL		% 7 / 5			
39	Drawbar Pull		5 Minute Rating NL / RL		lbf (N) 2621 / 2744 (11658 / 12205)		
			60 Minute Rating NL / RL		lbf (N) 605 / 667 (2693 / 2965)		
40	Brake		Method of Control Service / Parking		Hydraulic / Mechanical		
			Method of Operation Service / Parking		Foot / Foot (Optional Park Brake - Automatic)		
ELECTRIC	41	Battery		Type		Lead Acid	
	42	Traction Motor		60 Minute Rating		hp (kW) 24.7 (18.4)	
	43	Pump Motor		S3-15%		hp (kW) 21.5 (16)	
	44	Traction Motor		Type / Control Method		AC / Transistor	
	45	Pump Motor		Type / Control Method		AC / Transistor	
46	Number of Speeds		Traction / Pump		Infinitely Variable / Infinitely Variable		
OTHER	47	Step Height				in (mm) 18.7 (475)	
	48	Floor Height		Lowest Point		in (mm) 30.4 (772)	
	49	Attachment Relief Pressure		Mech Levers / Mini-levers		psi (bar) 2596 / 2596 (179 / 179)	
	50	Auxiliary Oil Flow		3rd Function / 4th Function		gal/min (l/min) 10.6 / 10.6 (40 / 40)	
	51	Sound Level		Measured per ANSI B56.11.5		dB (A) 64	

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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E30-40XN MAST AND BATTERY DIMENSIONS

E30-40XN MAST DIMENSIONS					
Maximum Fork Height (TOF)	Overall Lowered Height	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)
2-STAGE LIMITED FREE LIFT (LFL) MAST					
127 (3232)	82 (2080)	176 (4455)	150 (3806)	5 (140)	5 (140)
2-STAGE FULL FREE LIFT (FFL) MAST					
126 (3218)	82 (2080)	176 (4461)	151 (3812)	31 (807)	57 (1456)
138 (3518)	88 (2230)	188 (4761)	162 (4112)	37 (957)	63 (1606)
3-STAGE FULL FREE LIFT (FFL) MAST					
181 (4600)	80 (2030)	230 (5823)	204 (5174)	29 (757)	55 (1406)
187 (4750)	82 (2080)	236 (5973)	210 (5324)	31 (807)	57 (1455)
192 (4900)	84 (2130)	242 (6123)	216 (5474)	33 (857)	59 (1506)
198 (5050)	88 (2230)	247 (6273)	222 (5624)	37 (957)	63 (1606)
216 (5500)	94 (2380)	265 (6723)	240 (6074)	43 (1107)	69 (1756)

BATTERY AND COMPARTMENT SPECIFICATIONS TRUCKS WITH UL TYPE "E" CONSTRUCTION													
BATTERY COMPARTMENT DIMENSIONS				BATTERY DIMENSIONS AND SPECIFICATIONS									
Compartment Type	Width	Length	Height	"X"		"Y"		"Z"	Volts	No. of Cells	Max Capacity 6 Hour Rate	Weight	
				Min	Max	Min	Max	Max				Min	Max
	in (mm)			in (mm)					amp hr (kwh)	lb (kg)			
Vertical Removal (Lift Out)	35.8 (909)	27.6 (700)	24.0 (610)	30.9 (784)	35.7 (907)	25.7 (654)	27.2 (692)	23.5 (598)	36	18	1200 (40.6)	1850 (839)	2500 (1132)
									48	24	1000 (45.2)		
Horizontal Removal with Battery Rollers	35.8 (909)	27.6 (700)	23.5 (597)	30.9 (784)	35.7 (907)	25.7 (654)	27.2 (692)	23.0 (585)	36	18	1200 (40.6)	1850 (839)	2500 (1132)
									48	24	1000 (45.2)		

BATTERY AND COMPARTMENT SPECIFICATIONS TRUCKS WITH UL TYPE "EE" CONSTRUCTION													
BATTERY COMPARTMENT DIMENSIONS				BATTERY DIMENSIONS AND SPECIFICATIONS									
Compartment Type	Width	Length	Height	"X"		"Y"		"Z"	Volts	No. of Cells	Max Capacity 6 Hour Rate	Weight	
				Min	Max	Min	Max	Max				Min	Max
	in (mm)			in (mm)					amp hr (kwh)	lb (kg)			
Vertical Removal (Lift Out)	35.6 (904)	27.6 (700)	24.0 (610)	30.9 (784)	35.5 (902)	25.7 (654)	27.2 (692)	23.5 (598)	36	18	1200 (40.6)	1850 (839)	2500 (1132)
									48	24	1000 (45.2)		
Horizontal Removal with Battery Rollers	35.6 (904)	27.6 (700)	23.5 (597)	30.9 (784)	35.5 (902)	25.7 (654)	27.2 (692)	23.0 (585)	36	18	1200 (40.6)	1850 (839)	2500 (1132)
									48	24	1000 (45.2)		

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 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 6320G1 or equivalent)
 48 volt - Blue SB®350 (Anderson Power Products® P/N 6321G1 or equivalent)
 Battery Lead: Length 20" (508mm). Position "B", 2/0 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 A32503-0009 or equivalent)
 Each individual DIN connector to include 1 Red Conductor to (+) and 1 Black Conductor to (-)
 Battery Lead: Length 25" (635mm). Position "B", Minimum Cable Size 3/0 AWG

STANDARD EQUIPMENT

- 2-stage limited free lift (LFL) mast with maximum fork height of 127" (3232mm)
- 5° forward and 5° back mast tilt
- 35.7" (907mm) wide Class II hook-type carriage with 48" (1220mm) high load backrest extension
- 42" (1067mm) long forks
- Smooth tread rubber drive tire and steer tire
- Battery compartment size – 27.6"
- Lift out battery extraction
- 36-volt electrical system
- Standard construction
- UL Classification Type "E"
- 12" steering wheel with integral spinner knob
- Non-suspension vinyl seat
- 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 hydrostatic power assist steer system
- Hyster Stability System (HSS®)
- Power assist braking
- ADS (Auto Deceleration System) 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 enhanced visibility
- Black, non-cinch seat belt with Emergency Locking Retractor (ELR)
- Cushioned floormat
- 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-volt electrical system
- Rapid / fast charge
- Cooler / freezer package – operating temperatures: -20°F to +120° F
- UL Classification Type "EE"
- Available with 2-stage limited free lift (LFL) and 2 or 3-stage full free lift (FFL) VISTA™ masts
- Carriage with integral sideshift
- Carriage with integral sideshifting fork positioner
- Mast tilt option – 10° forward / 5° back
- Return to set tilt
- Accumulator
- TouchPoint hydraulic mini-levers with fully adjustable armrest
- 4-function hydraulic control valve
- Non-marking smooth rubber tires
- Lug tread tires
- Intermediate and wide tread
- Non-suspension seat (cloth)
- Full-suspension seat (vinyl or cloth)
- 86.5" grid style overhead guard
- 83.5" 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
- Key switch controlled lights
- LED and halogen work light packages
- LED dome / reading light
- Basic and premium LED brake / tail / back-up light packages
- 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 – 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 quick disconnect fittings
- Fire extinguisher – 2.5 lb. dry chemical
- Red, high-visibility, non-cinch seat belt with or without start interlock
- Low mount display



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