J30-40XNT/XN SERIES

JXNT

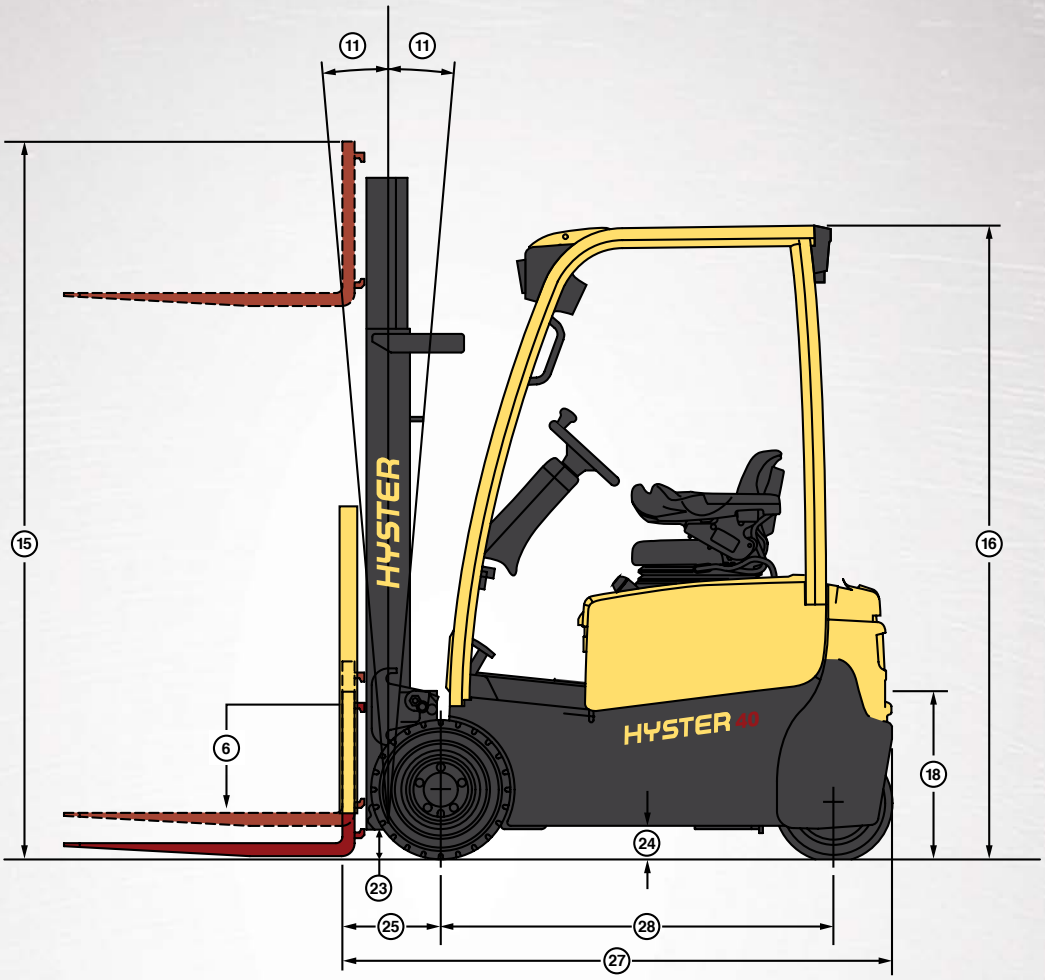
JXN

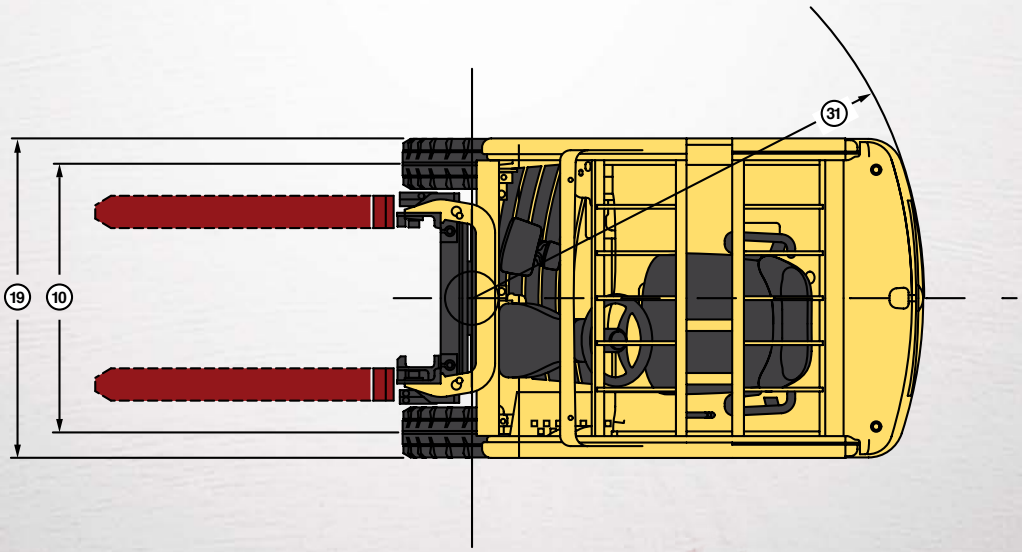
HYSTER

TECHNICAL GUIDE

Three-wheel and Four-wheel, Sit-down, Counterbalanced Electric

J30-40XNT DIMENSIONS





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

J30XNT SPECIFICATIONS

GENERAL	1	Manufacturer			Hyster	
	2	Model Designation			J30XNT	
	3	Power			Electric	
	4	Operation			Sit	
	5	Rated Capacity		lb. (kg)	3000 (1361)	
	6	Load Center		in. (mm)	24 (610)	
TIRES	7	Tire Type - Cushion, Solid, Pneumatic, etc. (Drive / Steer)			Pneumatic Shaped Solid / Pneumatic Shaped Solid	
	8	Tire Size (Drive / Steer)		in.	18 x 7-8 / 15 x 4.5-8	
	9	Wheels – Number X=Driven (Drive / Steer)			2X / 2	
	10	Tread Ctr. of Tires (Drive / Steer)		in. (mm)	35 / 7 (889 / 179)	
DIMENSIONS	11	Mast Tilt	Std Opt Opt	degrees	5F / 5B 10F / 5B 5F / 4B	
	12	Mast - Lowered Height	Std Mast	in. (mm)	78 (1980)	
		Free Lift - Top of Fork	Std 2 Stg Limited Free Lift Mast	in. (mm)	5 (140)	
	13		Opt 2 Stg Full Free Lift Mast with / without LBR	in. (mm)	29 / 55 (750 / 1405)	
	14	Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast	in. (mm)	119 (3032)	
	15	Mast - Extended Height	Std Mast with / without LBR	in. (mm)	168 / 142 (4262 / 3606)	
	16	Overhead Guard Height	Std / Flat Plate / Drive in Rack	in. (mm)	81.5 / 77.9 / 81.5 (2070 / 1979 / 2070)	
	17	SIP to Bottom Std OHG	Nominal | Std / Susp / Swivel	in. (mm)	38.9 / 39.2 / 38.7 (989 / 997 / 985)	
	18	Tow Pin Height	Vertical Center of Pin	in. (mm)	21.2 (540)	
	19	Overall Width		in. (mm)	41.3 (1050)	
	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		in. (mm)	38.5 (977)	
	22	Floor to Top of Battery Rollers		in. (mm)	7 (178)	
	23	Ground Clearance	Lowest Point (NL / RL)	in. (mm)	2.8 / 2.8 (70 / 70)	
	24	Ground Clearance	Center of Truck (NL / RL)	in. (mm)	3.7 / 3.5 (95 / 90)	
	25	Load Distance	Center of Wheel to Face of Forks	in. (mm)	12.6 (321)	
	26	Battery Compartment	Height | Std / Battery Rollers / Tall	in. (mm)	23.9 / 25.4 / 26.7 (607 / 645 / 677)	
			Width	in. (mm)	39 (990)	
			Length	in. (mm)	21.5 (546)	
	27	Length to Face of Forks	Chassis Length	in. (mm)	71.2 (1808)	
	28	Wheelbase		in. (mm)	50.8 (1290)	
	29	Right Angle Stack (See Note 2)		in. (mm)	122.2 (3103)	
	30	Equal Aisle	90˚ Intersecting Aisle	in. (mm)	69.3 (1759)	
	31	Outside Turning Radius		in. (mm)	58.3 (1481)	
WT.	32	Truck Weight	Without Battery (NL)	lb. (kg)	5100 (2313)	
	33	Axle Loading - Drive	Static with Max. Wt. Battery (NL / RL)	lb. (kg)	3553 / 8718 (1612 / 3954)	
	34	Axle Loading - Steer	Static with Max. Wt. Battery (NL / RL)	lb. (kg)	3743 / 1578 (1698 / 716)	
PERFORMANCE	35	Voltage			36	48
	36	Travel Speed	Extended Shift OFF (NL / RL)	mph (km / h)	9.8 / 9.8 (15.7 / 15.7)	9.8 / 9.8 (15.7 / 15.7)
			Extended Shift ON (NL / RL)	mph (km / h)	8.7 / 8.7 (14.0 / 14.0)	8.7 / 8.7 (14.0 / 14.0)
	37	Lift Speed	Std 2 Stg LFL Mast (NL / RL)	ft / min (m / sec)	128 / 77 (0.65 / 0.39)	134 / 94 (0.68 / 0.48)
			Opt 2 Stg FFL Mast (NL / RL)	ft / min (m / sec)	114 / 75 (0.58 / 0.38)	120 / 89 (0.61 / 0.45)
			Opt 3 Stg FFL Mast (NL / RL)	ft / min (m / sec)	114 / 75 (0.58 / 0.38)	120 / 89 (0.61 / 0.45)
			Opt 4 Stg FFL Mast (NL / RL)	ft / min (m / sec)	120 / 77 (0.61 / 0.39)	126 / 91 (0.64 / 0.46)
	38	Lower Speed	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)	77 / 91 (0.39 / 0.46)	
			Opt 3 Stg FFL Mast (NL / RL)	ft / min (m / sec)	81 / 91 (0.41 / 0.46)	
			Opt 4 Stg FFL Mast (NL / RL)	ft / min (m / sec)	94 / 98 (0.48 / 0.50)	
	39	Gradability	5 Minute Rating (NL / RL)	%	38.4 / 26.5	34 / 25
			60 Minute Rating (NL / RL)	%	6.0 / 4.4	9.9 / 6.5
	40	Drawbar Pull	5 Minute Rating (NL / RL)	lbf	2719 / 2714 (12096 / 12072)	2489 / 2437 (11072 / 10840)
			60 Minute Rating (NL / RL)	lbf	458 / 462 (2038 / 2054)	744 / 691 (3309 / 3074)
	41	Brake	Method of Control (Service / Parking)		Hydraulic / Mechanical	
			Method of Operation (Service / Parking)		Foot / Automatic	
ELECTRIC	42	Battery	Type		Lead Acid	
	43	Traction Motors (Dual)	60 Minute Rating (Each)	hp (kW)	6.4 (4.8)	6.7 (5.0)
	44	Pump Motor	15 Minute Rating	hp (kW)	16.1 (12.0)	16.1 (12.0)
	45	Traction Motors	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)	19.1 (484)	
	49	Floor Height	Lowest Point	in. (mm)	21.9 (557)	
	50	Attachment Relief Pressure (Mech Levers / Mini Levers)		psi (bar)	2611 / 2248 (180 / 155)	
	51	Auxiliary Oil Flow	3rd and 4th Function	gal / min (l / min)	5.3 / 10.6 (20 / 40)	
	52	Sound Level	Measured per ANSI B56.11.5	dB (A)	69	69

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 1: 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.

J35XNT SPECIFICATIONS

GENERAL	1	Manufacturer			Hyster	
	2	Model Designation			J35XNT	
	3	Power			Electric	
	4	Operation			Sit	
	5	Rated Capacity		lb. (kg)	3500 (1588)	
	6	Load Center		in. (mm)	24 (610)	
TIRES	7	Tire Type - Cushion, Solid, Pneumatic, etc. (Drive / Steer)			Pneumatic Shaped Solid / Pneumatic Shaped Solid	
	8	Tire Size (Drive / Steer)		in.	18 x 7-8 / 15 x 4.5-8	
	9	Wheels – Number X=Driven (Drive / Steer)			2X / 2	
	10	Tread Ctr. of Tires (Drive / Steer)		in. (mm)	35 / 7 (889 / 179)	
DIMENSIONS	11	Mast Tilt	Std Opt Opt	degrees	5F / 5B 10F / 5B 5F / 4B	
	12	Mast - Lowered Height	Std Mast	in. (mm)	78 (1980)	
		Free Lift - Top of Fork	Std 2 Stg Limited Free Lift Mast	in. (mm)	5 (140)	
	13		Opt 2 Stg Full Free Lift Mast with / without LBR	in. (mm)	29 / 55 (750 / 1405)	
	14	Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast	in. (mm)	119 (3032)	
	15	Mast - Extended Height	Std Mast with / without LBR	in. (mm)	168 / 142 (4262 / 3606)	
	16	Overhead Guard Height	Std / Flat Plate / Drive in Rack	in. (mm)	81.5 / 77.9 / 81.5 (2070 / 1979 / 2070)	
	17	SIP to Bottom Std OHG	Nominal | Std / Susp / Swivel	in. (mm)	38.9 / 39.2 / 38.7 (989 / 997 / 985)	
	18	Tow Pin Height	Vertical Center of Pin	in. (mm)	21.2 (540)	
	19	Overall Width		in. (mm)	41.3 (1050)	
	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		in. (mm)	38.5 (977)	
	22	Floor to Top of Battery Rollers		in. (mm)	7 (178)	
	23	Ground Clearance	Lowest Point (NL / RL)	in. (mm)	2.8 / 2.8 (70 / 70)	
	24	Ground Clearance	Center of Truck (NL / RL)	in. (mm)	3.7 / 3.5 (95 / 90)	
	25	Load Distance	Center of Wheel to Face of Forks	in. (mm)	12.6 (321)	
	26	Battery Compartment	Height | Std / Battery Rollers / Tall	in. (mm)	23.9 / 25.4 / 26.7 (607 / 645 / 677)	
			Width	in. (mm)	39 (990)	
			Length	in. (mm)	25.3 (642)	
	27	Length to Face of Forks	Chassis Length	in. (mm)	74.9 (1903)	
	28	Wheelbase		in. (mm)	54.6 (1386)	
	29	Right Angle Stack (See Note 2)		in. (mm)	125.9 (3199)	
	30	Equal Aisle	90˚ Intersecting Aisle	in. (mm)	70.6 (1793)	
	31	Outside Turning Radius		in. (mm)	62.1 (1577)	
WT.	32	Truck Weight	Without Battery (NL)	lb. (kg)	5230 (2372)	
	33	Axle Loading - Drive	Static with Max. Wt. Battery (NL / RL)	lb. (kg)	3704 / 9557 (1680 / 4335)	
	34	Axle Loading - Steer	Static with Max. Wt. Battery (NL / RL)	lb. (kg)	3917 / 1565 (1777 / 710)	
PERFORMANCE	35	Voltage			36	48
	36	Travel Speed	Extended Shift OFF (NL / RL)	mph (km / h)	9.8 / 9.8 (15.7 / 15.7)	9.8 / 9.8 (15.7 / 15.7)
			Extended Shift ON (NL / RL)	mph (km / h)	8.7 / 8.7 (14.0 / 14.0)	8.7 / 8.7 (14.0 / 14.0)
	37	Lift Speed	Std 2 Stg LFL Mast (NL / RL)	ft / min (m / sec)	128 / 71 (0.65 / 0.36)	134 / 89 (0.68 / 0.45)
			Opt 2 Stg FFL Mast (NL / RL)	ft / min (m / sec)	114 / 69 (0.58 / 0.35)	120 / 85 (0.61 / 0.43)
			Opt 3 Stg FFL Mast (NL / RL)	ft / min (m / sec)	114 / 69 (0.78 / 0.35)	120 / 85 (0.61 / 0.43)
			Opt 4 Stg FFL Mast (NL / RL)	ft / min (m / sec)	120 / 73 (0.61 / 0.37)	126 / 89 (0.64 / 0.45)
	38	Lower Speed	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)	77 / 91 (0.39 / 0.46)	
			Opt 3 Stg FFL Mast (NL / RL)	ft / min (m / sec)	81 / 91 (0.41 / 0.46)	
			Opt 4 Stg FFL Mast (NL / RL)	ft / min (m / sec)	94 / 98 (0.48 / 0.50)	
	39	Gradability	5 Minute Rating (NL / RL)	%	36.2 / 24.3	35.0 / 25.0
			60 Minute Rating (NL / RL)	%	5.7 / 4.0	9.2 / 5.9
	40	Drawbar Pull	5 Minute Rating (NL / RL)	lbf	2719 / 2712 (12093 / 12065)	2479 / 2417 (11027 / 10751)
			60 Minute Rating (NL / RL)	lbf	457 / 460 (2035 / 2047)	733 / 672 (3261 / 2989)
	41	Brake	Method of Control (Service / Parking)		Hydraulic / Mechanical	
			Method of Operation (Service / Parking)		Foot / Automatic	
ELECTRIC	42	Battery	Type		Lead Acid	
	43	Traction Motors (Dual)	60 Minute Rating (Each)	hp (kW)	6.4 (4.8)	6.7 (5.0)
	44	Pump Motor	15 Minute Rating	hp (kW)	16.1 (12.0)	16.1 (12.0)
	45	Traction Motors	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)	19.1 (484)	
	49	Floor Height	Lowest Point	in. (mm)	21.9 (557)	
	50	Attachment Relief Pressure (Mech Levers / Mini Levers)		psi (bar)	2611 / 2248 (180 / 155)	
	51	Auxiliary Oil Flow	3rd and 4th Function	gal / min (l / min)	5.3 / 10.6 (20 / 40)	
	52	Sound Level	Measured per ANSI B56.11.5	dB (A)	69	69

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 1: 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.

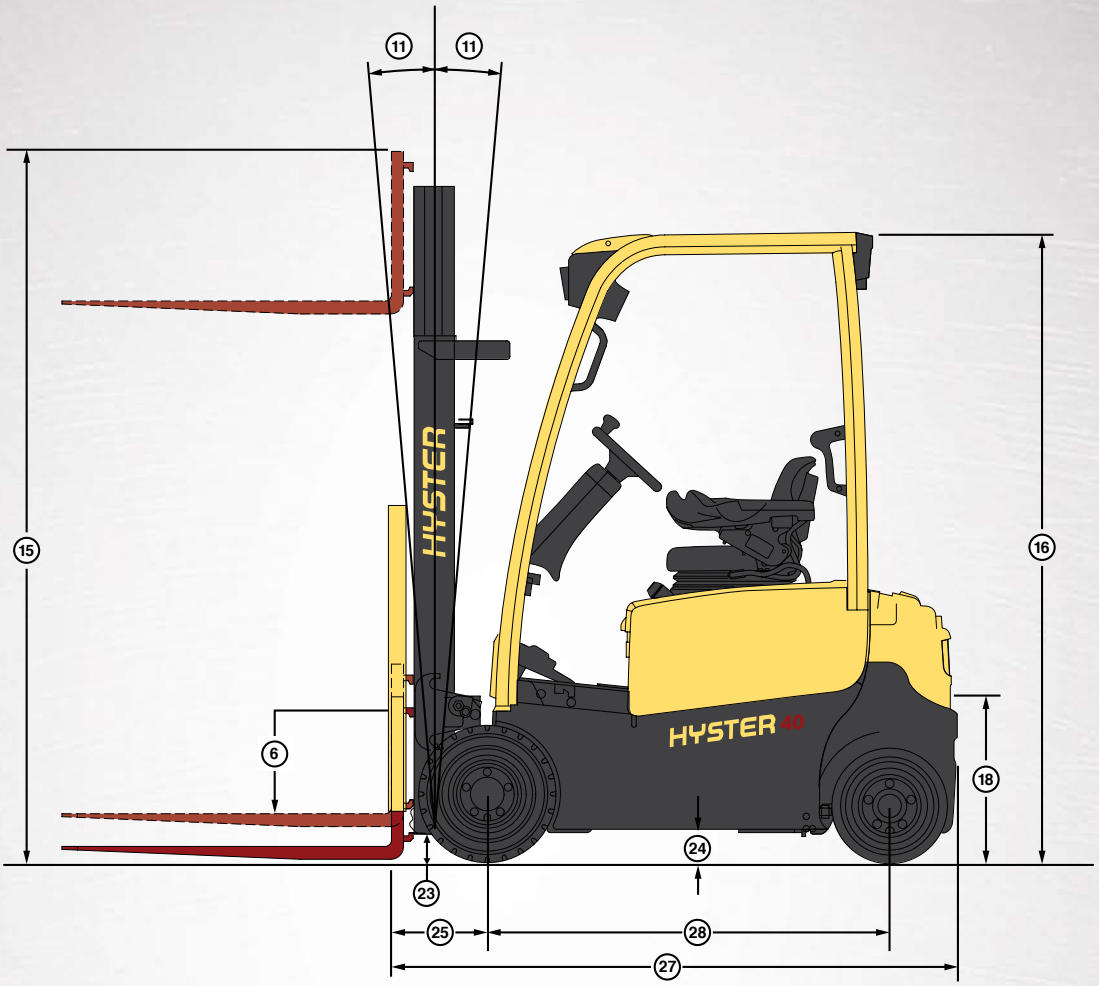
J40XNT SPECIFICATIONS

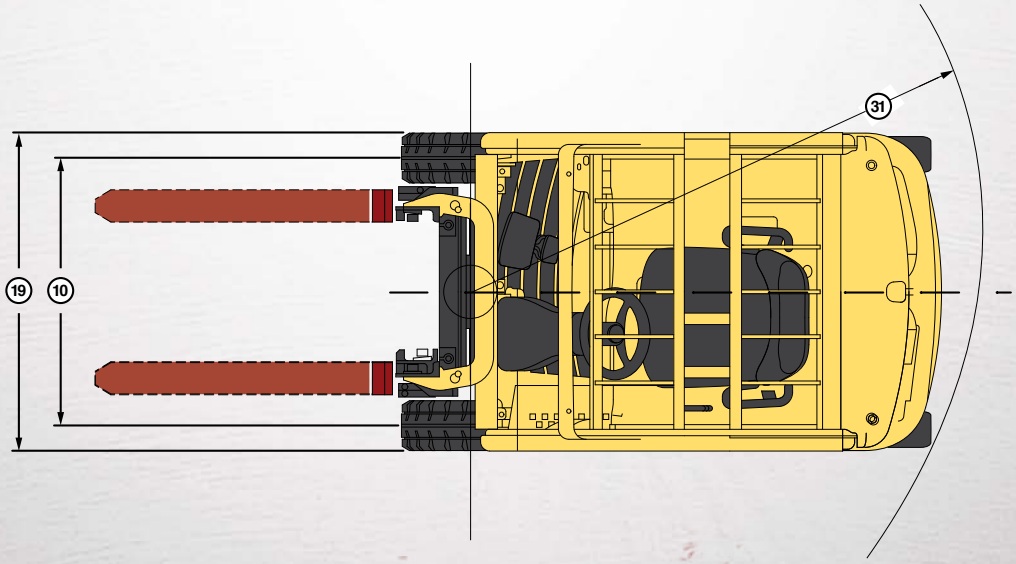
GENERAL	1	Manufacturer			Hyster	
	2	Model Designation			J40XNT	
	3	Power			Electric	
	4	Operation			Sit	
	5	Rated Capacity		lb. (kg)	4000 (1814)	
	6	Load Center		in. (mm)	24 (610)	
TIRES	7	Tire Type - Cushion, Solid, Pneumatic, etc. (Drive / Steer)			Pneumatic Shaped Solid / Pneumatic Shaped Solid	
	8	Tire Size (Drive / Steer)		in.	200 / 50-10 / 15 x 4.5-8	
	9	Wheels – Number X=Driven (Drive / Steer)			2X / 2	
	10	Tread Ctr. of Tires (Drive / Steer)		in. (mm)	35.7 / 7 (908 / 179)	
DIMENSIONS	11	Mast Tilt	Std Opt Opt	degrees	5F / 5B 10F / 5B 5F / 4B	
	12	Mast - Lowered Height	Std Mast	in. (mm)	78 (1980)	
		Free Lift - Top of Fork	Std 2 Stg Limited Free Lift Mast	in. (mm)	5 (140)	
	13		Opt 2 Stg Full Free Lift Mast with / without LBR	in. (mm)	29 / 55 (750 / 1405)	
	14	Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast	in. (mm)	119 (3032)	
	15	Mast - Extended Height	Std Mast with / without LBR	in. (mm)	168 / 142 (4262 / 3606)	
	16	Overhead Guard Height	Std / Flat Plate / Drive in Rack	in. (mm)	81.5 / 77.9 / 81.5 (2070 / 1979 / 2070)	
	17	SIP to Bottom Std OHG	Nominal | Std / Susp / Swivel	in. (mm)	38.9 / 39.2 / 38.7 (989 / 997 / 985)	
	18	Tow Pin Height	Vertical Center of Pin	in. (mm)	21.2 (540)	
	19	Overall Width		in. (mm)	43.9 (1116)	
	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		in. (mm)	38.5 (977)	
	22	Floor to Top of Battery Rollers		in. (mm)	7 (178)	
	23	Ground Clearance	Lowest Point (NL / RL)	in. (mm)	2.8 / 2.8 (70 / 70)	
	24	Ground Clearance	Center of Truck (NL / RL)	in. (mm)	3.7 / 3.5 (95 / 90)	
	25	Load Distance	Center of Wheel to Face of Forks	in. (mm)	12.6 (321)	
	26	Battery Compartment	Height | Std / Battery Rollers / Tall	in. (mm)	23.9 / 25.4 / 26.7 (607 / 645 / 677)	
			Width	in. (mm)	39 (990)	
			Length	in. (mm)	25.3 (642)	
	27	Length to Face of Forks	Chassis Length	in. (mm)	74.9 (1903)	
	28	Wheelbase		in. (mm)	54.6 (1386)	
	29	Right Angle Stack (See Note 2)		in. (mm)	125.9 (3199)	
	30	Equal Aisle	90˚ Intersecting Aisle	in. (mm)	71.5 (1816)	
	31	Outside Turning Radius		in. (mm)	62.1 (1577)	
WT.	32	Truck Weight	Without Battery (NL)	lb. (kg)	5270 (2390)	
	33	Axle Loading - Drive	Static with Max. Wt. Battery (NL / RL)	lb. (kg)	3748 / 10437 (1700 / 4734)	
	34	Axle Loading - Steer	Static with Max. Wt. Battery (NL / RL)	lb. (kg)	3917 / 1229 (1777 / 557)	
PERFORMANCE	35	Voltage			36	48
	36	Travel Speed	Extended Shift OFF (NL / RL)	mph (km / h)	9.8 / 9.8 (15.7 / 15.7)	9.8 / 9.8 (15.7 / 15.7)
			Extended Shift ON (NL / RL)	mph (km / h)	8.7 / 8.7 (14.0 / 14.0)	8.7 / 8.7 (14.0 / 14.0)
	37	Lift Speed	Std 2 Stg LFL Mast (NL / RL)	ft / min (m / sec)	128 / 67 (0.65 / 0.34)	134 / 83 (0.68 / 0.42)
			Opt 2 Stg FFL Mast (NL / RL)	ft / min (m / sec)	114 / 66 (0.58 / 0.33)	120 / 81 (0.61 / 0.41)
			Opt 3 Stg FFL Mast (NL / RL)	ft / min (m / sec)	114 / 66 (0.58 / 0.33)	120 / 81 (0.61 / 0.41)
			Opt 4 Stg FFL Mast (NL / RL)	ft / min (m / sec)	120 / 71 (0.61 / 0.36)	126 / 89 (0.64 / 0.45)
	38	Lower Speed	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)	77 / 93 (0.39 / 0.47)	
			Opt 3 Stg FFL Mast (NL / RL)	ft / min (m / sec)	81 / 93 (0.41 / 0.47)	
			Opt 4 Stg FFL Mast (NL / RL)	ft / min (m / sec)	94 / 98 (0.48 / 0.50)	
	39	Gradability	5 Minute Rating (NL / RL)	%	36.0 / 23.6	34.0 / 21.0
			60 Minute Rating (NL / RL)	%	5.7 / 3.9	9.2 / 5.6
	40	Drawbar Pull	5 Minute Rating (NL / RL)	lbf	2719 / 2712 (12093 / 12062)	2479 / 2409 (11027 / 10716)
			60 Minute Rating (NL / RL)	lbf	457 / 460 (2034 / 2044)	733 / 663 (3261 / 2949)
	41	Brake	Method of Control (Service / Parking)		Hydraulic / Mechanical	
			Method of Operation (Service / Parking)		Foot / Automatic	
ELECTRIC	42	Battery	Type		Lead Acid	
	43	Traction Motors (Dual)	60 Minute Rating (Each)	hp (kW)	6.4 (4.8)	6.7 (5.0)
	44	Pump Motor	15 Minute Rating	hp (kW)	16.1 (12.0)	16.1 (12.0)
	45	Traction Motors	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)	19.1 (484)	
	49	Floor Height	Lowest Point	in. (mm)	21.9 (557)	
	50	Attachment Relief Pressure (Mech Levers / Mini Levers)		psi (bar)	2611 / 2248 (180 / 155)	
	51	Auxiliary Oil Flow	3rd and 4th Function	gal / min (l / min)	5.3 / 10.6 (20 / 40)	
	52	Sound Level	Measured per ANSI B56.11.5	dB (A)	69	69

† *NOTE 2: The Industrial Truck Association (ITA) defines the formula for calculating Right Angle Stack on 3-wheel trucks with counter rotating load wheels as:* $\text{Right Angle Stack} = \text{OTR} + \sqrt{(\text{Load Distance} + \text{Load Length})^2 + (\frac{\text{Load Width}}{2})^2}$ *(For a 40" wide by 48" long pallet load.) Hyster uses this ITA formula to calculate Right Angle Stack on our 3 and 4 wheel trucks with a zero turn steer axle and counter rotating load wheels.*

Some documentation incorrectly calculates Right Angle Stack on a 3-wheel zero-turn truck with counter rotating load wheels using the following formula: $\text{Right Angle Stack} = \text{OTR} + \text{Load Distance} + \text{Load Length}$. *This formula generates a value which is invalid and lower than actual Right Angle Stack. When making comparisons, be sure the correct ITA formula is used to calculate Right Angle Stack.*

J30-40XN DIMENSIONS





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

J30XN SPECIFICATIONS

GENERAL	1	Manufacturer			Hyster	
	2	Model Designation			J30XN	
	3	Power			Electric	
	4	Operation			Sit	
	5	Rated Capacity		lb. (kg)	3000 (1361)	
	6	Load Center		in. (mm)	24 (610)	
TIRES	7	Tire Type - Cushion, Solid, Pneumatic, etc. (Drive / Steer)			Pneumatic Shaped Solid / Pneumatic Shaped Solid	
	8	Tire Size (Drive / Steer)		in.	18 x 7-8 / 140 / 55-9	
	9	Wheels – Number X=Driven (Drive / Steer)			2X / 2	
	10	Tread Ctr. of Tires (Drive / Steer)		in. (mm)	35 / 35.4 (889 / 898)	
DIMENSIONS	11	Mast Tilt	Std Opt Opt	degrees	5F / 5B 10F / 5B 5F / 4B	
	12	Mast - Lowered Height	Std Mast	in. (mm)	78 (1980)	
		Free Lift - Top of Fork	Std 2 Stg Limited Free Lift Mast	in. (mm)	5 (140)	
	13		Opt 2 Stg Full Free Lift Mast with / without LBR	in. (mm)	29 / 55 (750 / 1405)	
	14	Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast	in. (mm)	119 (3032)	
	15	Mast - Extended Height	Std Mast with / without LBR	in. (mm)	168 / 142 (4262 / 3606)	
	16	Overhead Guard Height	Std / Flat Plate / Drive in Rack	in. (mm)	81.5 / 77.9 / 81.5 (2070 / 1979 / 2070)	
	17	SIP to Bottom Std OHG	Nominal | Std / Susp / Swivel	in. (mm)	38.9 / 39.2 / 38.7 (989 / 997 / 985)	
	18	Tow Pin Height	Vertical Center of Pin	in. (mm)	14.1 (360)	
	19	Overall Width		in. (mm)	41.7 (1060)	
	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		in. (mm)	38.5 (977)	
	22	Floor to Top of Battery Rollers		in. (mm)	7 (178)	
	23	Ground Clearance	Lowest Point (NL / RL)	in. (mm)	2.8 / 2.8 (70 / 70)	
	24	Ground Clearance	Center of Truck (NL / RL)	in. (mm)	3.7 / 3.5 (95 / 90)	
	25	Load Distance	Center of Wheel to Face of Forks	in. (mm)	12.6 (321)	
	26	Battery Compartment	Height | Std / Battery Rollers / Tall	in. (mm)	23.9 / 25.4 / 26.7 (607 / 645 / 677)	
			Width	in. (mm)	39 (990)	
			Length	in. (mm)	21.5 (546)	
	27	Length to Face of Forks	Chassis Length	in. (mm)	74.1 (1881)	
	28	Wheelbase		in. (mm)	52.6 (1335)	
	29	Right Angle Stack (See Note 2)		in. (mm)	125.3 (3182)	
	30	Equal Aisle	90˚ Intersecting Aisle	in. (mm)	70 (1779)	
	31	Outside Turning Radius		in. (mm)	61.4 (1560)	
WT.	32	Truck Weight	Without Battery (NL)	lb. (kg)	5140 (2331)	
	33	Axle Loading - Drive	Static with Max. Wt. Battery (NL / RL)	lb. (kg)	3641 / 8733 (1652 / 3961)	
	34	Axle Loading - Steer	Static with Max. Wt. Battery (NL / RL)	lb. (kg)	3695 / 1603 (1676 / 727)	
PERFORMANCE	35	Voltage			36	48
	36	Travel Speed	Extended Shift OFF (NL / RL)	mph (km / h)	9.8 / 9.8 (15.7 / 15.7)	9.8 / 9.8 (15.7 / 15.7)
			Extended Shift ON (NL / RL)	mph (km / h)	8.7 / 8.7 (14.0 / 14.0)	8.7 / 8.7 (14.0 / 14.0)
	37	Lift Speed	Std 2 Stg LFL Mast (NL / RL)	ft / min (m / sec)	128 / 77 (0.65 / 0.39)	134 / 94 (0.68 / 0.48)
			Opt 2 Stg FFL Mast (NL / RL)	ft / min (m / sec)	114 / 75 (0.58 / 0.38)	120 / 89 (0.61 / 0.45)
			Opt 3 Stg FFL Mast (NL / RL)	ft / min (m / sec)	114 / 75 (0.58 / 0.38)	120 / 89 (0.61 / 0.45)
			Opt 4 Stg FFL Mast (NL / RL)	ft / min (m / sec)	120 / 77 (0.61 / 0.39)	126 / 91 (0.64 / 0.46)
	38	Lower Speed	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)	77 / 91 (0.39 / 0.46)	
			Opt 3 Stg FFL Mast (NL / RL)	ft / min (m / sec)	81 / 91 (0.41 / 0.46)	
			Opt 4 Stg FFL Mast (NL / RL)	ft / min (m / sec)	94 / 98 (0.48 / 0.50)	
	39	Gradability	5 Minute Rating (NL / RL)	%	38.4 / 26.5	34 / 25
			60 Minute Rating (NL / RL)	%	6.0 / 4.4	9.9 / 6.5
	40	Drawbar Pull	5 Minute Rating (NL / RL)	lbf	2719 / 2714 (12096 / 12072)	2489 / 2437 (11072 / 10840)
			60 Minute Rating (NL / RL)	lbf	458 / 462 (2038 / 2054)	744 / 691 (3309 / 3074)
	41	Brake	Method of Control (Service / Parking)		Hydraulic / Mechanical	
			Method of Operation (Service / Parking)		Foot / Automatic	
ELECTRIC	42	Battery	Type		Lead Acid	
	43	Traction Motors (Dual)	60 Minute Rating (Each)	hp (kW)	6.4 (4.8)	6.7 (5.0)
	44	Pump Motor	15 Minute Rating	hp (kW)	16.1 (12.0)	16.1 (12.0)
	45	Traction Motors	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)	19.1 (484)	
	49	Floor Height	Lowest Point	in. (mm)	21.9 (557)	
	50	Attachment Relief Pressure (Mech Levers / Mini Levers)		psi (bar)	2611 / 2248 (180 / 155)	
	51	Auxiliary Oil Flow	3rd and 4th Function	gal / min (l / min)	5.3 / 10.6 (20 / 40)	
	52	Sound Level	Measured per ANSI B56.11.5	dB (A)	69	69

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 1: 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.*

J35XN SPECIFICATIONS

GENERAL	1	Manufacturer			Hyster	
	2	Model Designation			J35XN	
	3	Power			Electric	
	4	Operation			Sit	
	5	Rated Capacity		lb. (kg)	3500 (1588)	
	6	Load Center		in. (mm)	24 (610)	
TIRES	7	Tire Type - Cushion, Solid, Pneumatic, etc. (Drive / Steer)			Pneumatic Shaped Solid / Pneumatic Shaped Solid	
	8	Tire Size (Drive / Steer)		in.	18 x 7-8 / 140 / 55-9	
	9	Wheels – Number X=Driven (Drive / Steer)			2X / 2	
	10	Tread Ctr. of Tires (Drive / Steer)		in. (mm)	35 / 35.4 (889 / 898)	
DIMENSIONS	11	Mast Tilt	Std Opt Opt	degrees	5F / 5B 10F / 5B 5F / 4B	
	12	Mast - Lowered Height	Std Mast	in. (mm)	78 (1980)	
		Free Lift - Top of Fork	Std 2 Stg Limited Free Lift Mast	in. (mm)	5 (140)	
	13		Opt 2 Stg Full Free Lift Mast with / without LBR	in. (mm)	29 / 55 (750 / 1405)	
	14	Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast	in. (mm)	119 (3032)	
	15	Mast - Extended Height	Std Mast with / without LBR	in. (mm)	168 / 142 (4262 / 3606)	
	16	Overhead Guard Height	Std / Flat Plate / Drive in Rack	in. (mm)	81.5 / 77.9 / 81.5 (2070 / 1979 / 2070)	
	17	SIP to Bottom Std OHG	Nominal | Std / Susp / Swivel	in. (mm)	38.9 / 39.2 / 38.7 (989 / 997 / 985)	
	18	Tow Pin Height	Vertical Center of Pin	in. (mm)	14.1 (360)	
	19	Overall Width		in. (mm)	41.7 (1060)	
	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		in. (mm)	38.5 (977)	
	22	Floor to Top of Battery Rollers		in. (mm)	7 (178)	
	23	Ground Clearance	Lowest Point (NL / RL)	in. (mm)	2.8 / 2.8 (70 / 70)	
	24	Ground Clearance	Center of Truck (NL / RL)	in. (mm)	3.7 / 3.5 (95 / 90)	
	25	Load Distance	Center of Wheel to Face of Forks	in. (mm)	12.6 (321)	
	26	Battery Compartment	Height | Std / Battery Rollers / Tall	in. (mm)	23.9 / 25.4 / 26.7 (607 / 645 / 677)	
			Width	in. (mm)	39 (990)	
			Length	in. (mm)	25.3 (642)	
	27	Length to Face of Forks	Chassis Length	in. (mm)	77.8 (1975)	
	28	Wheelbase		in. (mm)	56.3 (1431)	
	29	Right Angle Stack (See Note 2)		in. (mm)	129 (3278)	
	30	Equal Aisle	90˚ Intersecting Aisle	in. (mm)	71.3 (1812)	
	31	Outside Turning Radius		in. (mm)	65.2 (1656)	
WT.	32	Truck Weight	Without Battery (NL)	lb. (kg)	5270 (2390)	
	33	Axle Loading - Drive	Static with Max. Wt. Battery (NL / RL)	lb. (kg)	3795 / 9573 (1721 / 4342)	
	34	Axle Loading - Steer	Static with Max. Wt. Battery (NL / RL)	lb. (kg)	3866 / 1588 (1754 / 720)	
PERFORMANCE	35	Voltage			36	48
	36	Travel Speed	Extended Shift OFF (NL / RL)	mph (km / h)	9.8 / 9.8 (15.7 / 15.7)	9.8 / 9.8 (15.7 / 15.7)
			Extended Shift ON (NL / RL)	mph (km / h)	8.7 / 8.7 (14.0 / 14.0)	8.7 / 8.7 (14.0 / 14.0)
	37	Lift Speed	Std 2 Stg LFL Mast (NL / RL)	ft / min (m / sec)	128 / 71 (0.65 / 0.36)	134 / 89 (0.68 / 0.45)
			Opt 2 Stg FFL Mast (NL / RL)	ft / min (m / sec)	114 / 69 (0.58 / 0.35)	120 / 85 (0.61 / 0.43)
			Opt 3 Stg FFL Mast (NL / RL)	ft / min (m / sec)	114 / 69 (0.58 / 0.35)	120 / 85 (0.61 / 0.43)
			Opt 4 Stg FFL Mast (NL / RL)	ft / min (m / sec)	120 / 73 (0.61 / 0.37)	126 / 89 (0.64 / 0.45)
	38	Lower Speed	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)	77 / 91 (0.39 / 0.46)	
			Opt 3 Stg FFL Mast (NL / RL)	ft / min (m / sec)	81 / 91 (0.41 / 0.46)	
			Opt 4 Stg FFL Mast (NL / RL)	ft / min (m / sec)	94 / 98 (0.48 / 0.50)	
	39	Gradability	5 Minute Rating (NL / RL)	%	36.2 / 24.3	35.0 / 25.0
			60 Minute Rating (NL / RL)	%	5.7 / 4.0	9.2 / 5.9
	40	Drawbar Pull	5 Minute Rating (NL / RL)	lbf	2719 / 2712 (12093 / 12065)	2479 / 2417 (11027 / 10751)
			60 Minute Rating (NL / RL)	lbf	457 / 460 (2035 / 2047)	733 / 672 (3261 / 2989)
	41	Brake	Method of Control (Service / Parking)		Hydraulic / Mechanical	
			Method of Operation (Service / Parking)		Foot / Automatic	
ELECTRIC	42	Battery	Type		Lead Acid	
	43	Traction Motors (Dual)	60 Minute Rating (Each)	hp (kW)	6.4 (4.8)	6.7 (5.0)
	44	Pump Motor	15 Minute Rating	hp (kW)	16.1 (12.0)	16.1 (12.0)
	45	Traction Motors	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)	19.1 (484)	
	49	Floor Height	Lowest Point	in. (mm)	21.9 (557)	
	50	Attachment Relief Pressure (Mech Levers / Mini Levers)		psi (bar)	2611 / 2248 (180 / 155)	
	51	Auxiliary Oil Flow	3rd and 4th Function	gal / min (l / min)	5.3 / 10.6 (20 / 40)	
	52	Sound Level	Measured per ANSI B56.11.5	dB (A)	69	69

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 1: 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.*

J40XN SPECIFICATIONS

GENERAL	1	Manufacturer				Hyster
	2	Model Designation				J40XN
	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)				Pneumatic Shaped Solid / Pneumatic Shaped Solid
	8	Tire Size (Drive / Steer)			in.	200 / 50-10 / 140 / 55-9
	9	Wheels – Number X=Driven (Drive / Steer)				2X / 2
	10	Tread Ctr. of Tires (Drive / Steer)			in. (mm)	35.7 / 35.4 (908 / 898)
DIMENSIONS	11	Mast Tilt	Std Opt Opt		degrees	5F / 5B 10F / 5B 5F / 4B
	12	Mast - Lowered Height	Std Mast		in. (mm)	78 (1980)
		Free Lift - Top of Fork	Std 2 Stg Limited Free Lift Mast		in. (mm)	5 (140)
	13		Opt 2 Stg Full Free Lift Mast with / without LBR		in. (mm)	29 / 55 (750 / 1405)
	14	Lift Height - Top of Fork	Std 2 Stg Limited Free Lift Mast		in. (mm)	119 (3032)
	15	Mast - Extended Height	Std Mast with / without LBR		in. (mm)	168 / 142 (4262 / 3606)
	16	Overhead Guard Height	Std / Flat Plate / Drive in Rack		in. (mm)	81.5 / 77.9 / 81.5 (2070 / 1979 / 2070)
	17	SIP to Bottom Std OHG	Nominal	Std / Susp / Swivel	in. (mm)	38.9 / 39.2 / 38.7 (989 / 997 / 985)
	18	Tow Pin Height	Vertical Center of Pin		in. (mm)	14.1 (360)
	19	Overall Width			in. (mm)	43.9 (1116)
	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			in. (mm)	38.5 (977)
	22	Floor to Top of Battery Rollers			in. (mm)	7 (178)
	23	Ground Clearance	Lowest Point (NL / RL)		in. (mm)	2.8 / 2.8 (70 / 70)
	24	Ground Clearance	Center of Truck (NL / RL)		in. (mm)	3.7 / 3.5 (95 / 90)
	25	Load Distance	Center of Wheel to Face of Forks		in. (mm)	12.6 (321)
	26	Battery Compartment	Height	Std / Battery Rollers / Tall	in. (mm)	23.9 / 25.4 / 26.7 (607 / 645 / 677)
			Width		in. (mm)	39 (990)
			Length		in. (mm)	25.3 (642)
	27	Length to Face of Forks	Chassis Length		in. (mm)	77.7 (1975)
	28	Wheelbase			in. (mm)	56.3 (1431)
	29	Right Angle Stack (See Note 2)			in. (mm)	129 (3278)
	30	Equal Aisle	90˚ Intersecting Aisle		in. (mm)	72.2 (1835)
	31	Outside Turning Radius			in. (mm)	65.2 (1656)
WT.	32	Truck Weight	Without Battery (NL)		lb. (kg)	5310 (2409)
	33	Axle Loading - Drive	Static with Max. Wt. Battery (NL / RL)		lb. (kg)	3839 / 10443 (1741 / 4737)
	34	Axle Loading - Steer	Static with Max. Wt. Battery (NL / RL)		lb. (kg)	3866 / 1262 (1754 / 572)
PERFORMANCE	35	Voltage				36 / 48
	36	Travel Speed	Extended Shift OFF (NL / RL)		mph (km / h)	9.8 / 9.8 (15.7 / 15.7) / 9.8 / 9.8 (15.7 / 15.7)
			Extended Shift ON (NL / RL)		mph (km / h)	8.7 / 8.7 (14.0 / 14.0) / 8.7 / 8.7 (14.0 / 14.0)
	37	Lift Speed	Std 2 Stg LFL Mast (NL / RL)		ft / min (m / sec)	128 / 67 (0.65 / 0.34) / 134 / 83 (0.68 / 0.42)
			Opt 2 Stg FFL Mast (NL / RL)		ft / min (m / sec)	114 / 65 (0.58 / 0.33) / 120 / 81 (0.61 / 0.41)
			Opt 3 Stg FFL Mast (NL / RL)		ft / min (m / sec)	114 / 65 (0.58 / 0.33) / 120 / 81 (0.61 / 0.41)
			Opt 4 Stg FFL Mast (NL / RL)		ft / min (m / sec)	120 / 71 (0.61 / 0.36) / 126 / 89 (0.64 / 0.45)
	38	Lower Speed	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)	77 / 93 (0.39 / 0.47)
			Opt 3 Stg FFL Mast (NL / RL)		ft / min (m / sec)	81 / 93 (0.41 / 0.47)
			Opt 4 Stg FFL Mast (NL / RL)		ft / min (m / sec)	94 / 98 (0.48 / 0.50)
	39	Gradability	5 Minute Rating (NL / RL)		%	36.0 / 23.6 / 34.0 / 21.0
			60 Minute Rating (NL / RL)		%	5.7 / 3.9 / 9.2 / 5.6
	40	Drawbar Pull	5 Minute Rating (NL / RL)		lbf	2719 / 2712 (12093 / 12062) / 2479 / 2409 (11027 / 10716)
			60 Minute Rating (NL / RL)		lbf	457 / 460 (2034 / 2044) / 733 / 663 (3261 / 2949)
	41	Brake	Method of Control (Service / Parking)			Hydraulic / Mechanical
			Method of Operation (Service / Parking)			Foot / Automatic
ELECTRIC	42	Battery	Type			Lead Acid
	43	Traction Motors (Dual)	60 Minute Rating (Each)		hp (kW)	6.4 (4.8) / 6.7 (5.0)
	44	Pump Motor	15 Minute Rating		hp (kW)	16.1 (12.0) / 16.1 (12.0)
	45	Traction Motors	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)	19.1 (484)
	49	Floor Height	Lowest Point		in. (mm)	21.9 (557)
	50	Attachment Relief Pressure (Mech Levers / Mini Levers)			psi (bar)	2611 / 2248 (180 / 155)
	51	Auxiliary Oil Flow	3rd and 4th Function		gal / min (l / min)	5.3 / 10.6 (20 / 40)
	52	Sound Level	Measured per ANSI B56.11.5		dB (A)	69 / 69

† *NOTE 2: The Industrial Truck Association (ITA) defines the formula for calculating Right Angle Stack on 3-wheel trucks with counter rotating load wheels as:* $\text{Right Angle Stack} = \text{OTR} + \sqrt{(\text{Load Distance} + \text{Load Length})^2 + (\frac{\text{Load Width}}{2})^2}$ *(For a 40" wide by 48" long pallet load.) Hyster uses this ITA formula to calculate Right Angle Stack on our 3 and 4 wheel trucks with a zero turn steer axle and counter rotating load wheels.*

Some documentation incorrectly calculates Right Angle Stack on a 3-wheel zero-turn truck with counter rotating load wheels using the following formula: $\text{Right Angle Stack} = \text{OTR} + \text{Load Distance} + \text{Load Length}$. *This formula generates a value which is invalid and lower than actual Right Angle Stack. When making comparisons, be sure the correct ITA formula is used to calculate Right Angle Stack.*

MAST DIMENSIONS / BATTERY SPECIFICATIONS

J30-40XNT / XN MAST DIMENSIONS

Maximum Fork Height (TOF) †	Overall Lowered Ht.	Overall Extended Height		Free-Lift (TOF)	
		w/ Load Backrest	w/o Load Backrest	w/ Load Backrest	w/o Load Backrest
in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)
2-STAGE LIMITED FREE-LIFT (LFL) MAST					
119 (2032)	78 (1980)	168 (4262)	142 (3606)	5 (140)	5 (140)
127 (3232)	82 (2080)	176 (4462)	150 (3806)	5 (140)	5 (140)
2-STAGE FULL FREE-LIFT (FFL) MAST					
118 (3018)	78 (1980)	168 (4262)	143 (3613)	29 (750)	55 (1405)
126 (3218)	82 (2080)	176 (4462)	151 (3813)	33 (850)	59 (1505)
138 (3518)	88 (2230)	188 (4768)	162 (4113)	39 (1000)	65 (1655)
3-STAGE FULL FREE-LIFT (FFL) MAST					
175 (4450)	78 (1980)	224 (5025)	198 (5025)	29 (750)	55 (1405)
187 (4750)	82 (2080)	236 (5325)	210 (5325)	33 (850)	59 (1505)
192 (4900)	84 (2130)	238 (5375)	212 (5375)	35 (900)	61 (1555)
198 (5050)	88 (2230)	248 (5625)	222 (5625)	39 (1000)	65 (1655)
216 (5500)	94 (2380)	265 (6075)	240 (6075)	45 (1150)	71 (1805)
4-STAGE FULL FREE-LIFT (FFL) MAST					
241 (6121)	84 (2121)	291 (7380)	265 (6721)	34 (873	59 (1511)
259 (6578)	90 (2273)	309 (7837)	283 (7179)	40 (1025)	65 (1663)

BATTERY AND COMPARTMENT SPECIFICATIONS

J30XNT / XN with 21.5" Long Compartment

Battery Compartment Dimensions				Battery Dimensions and Specifications										
Compartment Type	Width	Length	Height	"X"		"Y"		"Z"	Volts	No. of Cells	Plates per Cell	"Max Capacity 6 Hour Rate"	Weight	
				Min	Max	Min	Max	Max					Min	Max
	in (mm)			in (mm)								amp hr (kwh)	lb (kg)	
With Auxiliary CTWT Platform	39 (990)	21.5 (546)	23.9 (607)	38.2 (970)	38.8 (986)	20 (508)	21.2 (539)	23.4 (594)	36	18	17	880 (30.6)	1700 (771)	2200 (998)
									48	24	13	660 (30.5)		
With Battery Rollers	39 (990)	21.5 (546)	25.4 (645)	38.2 (970)	38.8 (986)	20 (508)	21.2 (539)	24.9 (632)	36	18	17	880 (30.6)	1700 (771)	2200 (998)
									48	24	13	660 (30.5)		
Without Auxiliary CTWT Platform	39 (990)	21.5 (546)	26.7 (677)	38.2 (970)	38.8 (986)	20 (508)	21.2 (539)	26.1 (664)	36	18	17	880 (30.6)	2000 (907)	2500 (1134)
									48	24	13	660 (30.5)		

J35-40XNT / XN with 25.3" Long Compartment

Battery Compartment Dimensions				Battery Dimensions and Specifications										
Compartment Type	Width	Length	Height	"X"		"Y"		"Z"	Volts	No. of Cells	Plates per Cell	"Max Capacity 6 Hour Rate"	Weight	
				Min	Max	Min	Max	Max					Min	Max
	in (mm)			in (mm)								amp hr (kwh)	lb (kg)	
With Auxiliary CTWT Platform	39 (990)	25.3 (642)	23.9 (607)	38.2 (970)	38.8 (986)	23.5 (597)	25 (635)	23.4 (594)	36	18	21	1100 (38.2)	2100 (953)	2400 (1089)
									48	24	15	770 (35.8)		
With Battery Rollers	39 (990)	25.3 (642)	25.4 (645)	38.2 (970)	38.8 (986)	23.5 (597)	25 (635)	24.9 (632)	36	18	21	1100 (38.2)	2100 (953)	2400 (1089)
									48	24	15	770 (35.8)		
Without Auxiliary CTWT Platform	39 (990)	25.3 (642)	26.7 (677)	38.2 (970)	38.8 (986)	23.5 (597)	25 (635)	26.1 (664)	36	18	21	1100 (38.2)	2500 (1134)	2800 (1270)
									48	24	15	770 (35.8)		

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 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)

(XNT/XN) Battery Lead: Length 20" (508 mm), 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 (-)

(XNT) Battery Lead: Length 23" (585 mm), Position "B", Minimum Cable Size 3/0 AWG

(XN) Battery Lead: Length 26" (660 mm), Position "B", Minimum Cable Size 3/0 AWG


HYSTER
HYSTER 35

It's not just about the lift trucks.

Any company worth its weight knows success has just as much to do with the support before and after the sale as the sale itself. We pride ourselves on being more than just a lift truck manufacturer. Through our Dealer Network, we're also fleet managers, parts suppliers, capital procurement specialists and trainers. You'll find that when it comes to service, we do it all.

Hyster Fleet Services

As much as we'd like for your entire fleet to be Hyster, we know that's not always the case. But just because you also operate other brands doesn't mean we can't manage your lift truck maintenance and replacement plan. We can analyze your current fleet or provide a summary of your fleet history and a cost-effective proposal for replacement and scheduled maintenance of all your vehicles. Once this initial review is complete, we'll continue to monitor your fleet to ensure it's performing optimally.

UNISOURCE™ Parts Program

In addition to providing fleet management for a variety of brands, we can also serve as your source of parts for all your lift trucks. With the Hyster® UNISOURCE parts and service program, we offer approximately 2 million part number crosses for most brands of materials handling and other in-plant mobile equipment. UNISOURCE also has remanufactured parts that provide the same quality and guarantee but at a lower price. Plus, partnering with today's best-known suppliers to the lift truck industry, we stand behind our replacement parts with one of the strongest warranties in the industry.

Rental Products

At Hyster Company, we're always looking for ways to help you keep your productivity up. Through the Hyster Dealer Network, you can access rental equipment for the times when leasing or buying isn't a practical option. Your local Hyster Dealer has access to over 14,000 units that are available for shorter long-term rental. Whether you need one truck to substitute for a vehicle that's being serviced or several lift trucks to accommodate seasonal changes in your business, we'll help you maintain output in a cost-effective manner.

Hyster Capital

We know that financing new additions to your fleet can sometimes be challenging. That's why your Hyster Dealer has a long list of ways for you to fund your purchase. We are skilled in arranging solutions for special financing requirements, taking the difficulties out of buying the equipment you need. Whether you purchase or lease a new or used lift truck, Hyster Capital offers better service and competitive rates, ensuring you receive the value you deserve.

Special Products Engineering Department (SPED)

In a perfect world, every application could be handled with a standard lift truck. However, in the real world, different materials require different handling. That's why Hyster Company's Special Products Engineering Department works with you to customize* your lift trucks. From strobe lights to specially made forks, SPED can provide you with the tools you require to get the job done right.

*May be subject to an additional charge. Contact your local authorized Hyster Dealer for more information.

Innovations

Hyster Company's heritage of continuous product refinement is our commitment to you. We will continue to create materials handling equipment that will increase your operation's productivity, putting more to your bottom line. As a result, we've developed innovations like hydrostatic steering, return-to-center steering, electronic fuel injection, the MONOTROL® directional control pedal, VISTA® masts and the ULTIMA II™ multi-function control handle. These are features you'll only find with Hyster lift trucks.

Operator and Service Training

Hyster Company recognizes that proper training is a key element of a profitable company. That's why your local authorized Hyster Dealer offers a training program for your lift truck operators as well as those who maintain your vehicles. Proper education in running and servicing lift trucks cuts down on the number of repairs and risk of injuries due to accidents while increasing productivity. All of our trainers are professionals with experience in materials handling.

Hyster Company
P.O. Box 7006
Greenville, North Carolina
27835-7006
Part No. J30-40XNT/XN/TG
12/2013 Litho in U.S.A.

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