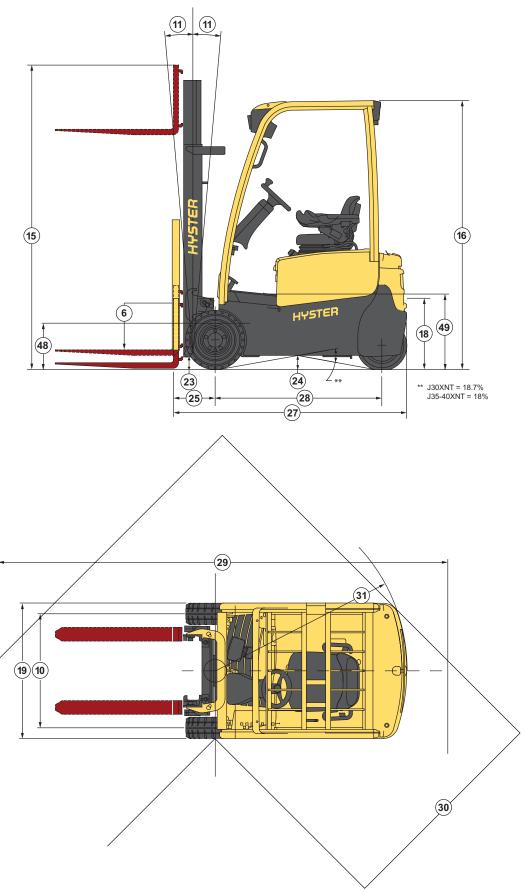


3-WHEEL ELECTRIC FORKLIFT CUSHION TIRE 4-WHEEL ELECTRIC FORKLIFT TRUCK PNEUMATIC TIRE

PRODUCT TECHNICAL GUIDE





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

1	Manufacturar				l u.	otor	
1 2	Manufacturer Model designation					ster XNT	
RAI 3	Power					ctric	
H 4						Sit	
GENERAL 5	Operation Peter connective			lh (kg)			
6	Rated capacity Load center			lb (kg)		(1361)	
		a ata (drivalataan	\	in (mm)		(610)	
<u>7</u> 24 8	Tire type - cushion, solid, pneumati Tire size (drive/steer)	c, etc. (urive/steer)	in	·	I/pneumatic shaped solid	
	,	lrivalataar)		III		15 x 4.5-8 x/2	
単 <u>9</u> 10	Tread ctr. of tires (drive/steer)	rive/steer)		in (mm)		889/194)	
11	Mast tilt	Std opt opt		\ /	· ·	F/5B 5F/4B	
12	Mast - lowered height	Std opt opt		degrees		1980)	
12	Free lift - top of fork	Std 2-stg limited	free lift meet	in (mm)		140)	
13	Tree lift - top of lork		e lift mast w/without LBR	in (mm) in (mm)		750/1405)	
14	Lift height - top of fork	Std 2-stg limited		in (mm)		(3032)	
15	Mast - extended height	Std mast with/wi		in (mm)		4262/3606)	
16	Overhead guard height	Std/flat plate/driv		in (mm)		2070/1979/2070)	
17	Sip to bottom std OHG	Nominal	Std/susp/swivel	in (mm)		1 (978/953/951)	
18	Tow pin height	Vertical center of	•	in (mm)		(540)	
19	Overall width		F	in (mm)		(1050)	
SK 20	Forks	Thickness x widt	h x length	in (mm)		40 x 100 x 1067)	
20 21 22 23	Standard carriage width			in (mm)		(977)	
E 22	Floor to top of battery rollers			in (mm)		178)	
23	Ground clearance	Lowest point (NL	./RL)	in (mm)		(70/70)	
24	Ground clearance		Center of truck (NL/RL)		3.9/3.9 (100/100)		
25	Load distance	Center of wheel to face of forks		in (mm) 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)		(990)	
		Length		in (mm)		(546)	
27	Length to face of forks Chassis length			in (mm)	70.9	(1802)	
28	Wheelbase			in (mm)	50.8	(1290)	
29	Right angle stack ^{††}			in (mm)	122.2	(3103)	
30	Equal aisle 90° intersecting aisle		in (mm)	69.6	(1768)		
31	Outside turning radius			in (mm)	58.3	(1481)	
. 32	Truck weight	Without battery (NL)		lb (kg)	5120	(2322)	
¥ 33	Axle loading - drive	Static with max. wt. battery (NL/RL)		lb (kg)	3555/8721	(1613/3956)	
34	Axle loading - steer	Static with max.	Static with max. wt. battery (NL/RL)		3764/1599	(1707/725)	
35	Voltage				36	48	
36	Travel speed	Extended shift of	,	mph (km/h)		(16/16)	
		Extended shift of	` ,	mph (km/h)	,	14.0/14.0)	
37	Lift speed	Std 2-stg LFL ma	,	ft/min (m/sec)	128/77 (0.65/0.39)	134/94 (0.68/0.48)	
		Opt 2-stg FFL ma	,	ft/min (m/sec)	114/75 (0.58/0.38)	120/89 (0.61/0.45)	
: <u> </u>		Opt 3-stg FFL ma		ft/min (m/sec)	114/75 (0.58/0.38)	120/89 (0.61/0.45)	
S		Opt 4-stg FFL ma	\ /	ft/min (m/sec)	120/77 (0.61/0.39)	126/91 (0.64/0.46)	
38 AN	Lower speed	Std 2-stg LFL ma		ft/min (m/sec)		0.47/0.51)	
R		Opt 2-stg FFL ma	,	ft/min (m/sec)	,	0.39/0.46)	
PERFORMANCE 88		Opt 3-stg FFL ma		ft/min (m/sec)		0.41/0.46)	
표	Cradachility	Opt 4-stg FFL ma		ft/min (m/sec)		0.48/0.50)	
39	Gradeability	5 minute rating (%	38.4/26.5	34/25	
40	Drowbor pull	60 minute rating		% LDF	6.0/4.4	9.9/6.5	
40	Drawbar pull	5 minute rating (,	LBF	2719/2714 (12096/12072)	2489/2437 (11072/10840)	
41	Brake	60 minute rating	(NL/RL) of (service/parking)	LBF	458/462 (2038/2054)	744/691 (3309/3074)	
41	DIANE		tion (service/parking)			mechanical utomatic	
42	Battery		uon (sei vioe/pai kiiiy)			ure Lead* Lithium-ion*	
	Traction motors (dual)	Type 60 minute rating (each)		hp (kw)	6.4 (4.8)	6.7 (5.0)	
243 44 45 46	Pump motor	15 minute rating		hp (kw)		(12.0)	
44 45 45	Traction motors	Type/control met		TIP (KW)		nsistor	
표 45 46	Pump motor	Type/control met				insistor	
47	Number of speeds	Traction/pump	inou			e/infinitely variable	
48	Step height	,uotion/pump		in (mm)		(484)	
	Floor height	Lowest point		in (mm)		(560)	
01 HER 50 51	Attachment relief pressure (mech le			psi (bar)		0 (180/155)	
岩 50 51	Auxiliary oil flow	3rd and 4th func	tion	gal/min (l/min)		6 (20/40)	
52	Sound level	Measured per Al		db (a)		69	
				u (u)	,		

^{*} Optional with Hyster Power Cellect™

[†] CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the 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.

^{††} The Industrial Truck Association (ITA) defines the formula for calculating right angle stack on 3-wheel trucks with counter rotating load wheels as:

Right Angle Stack = 0TR + \sqrt{\(\triangle \) Indeed \) Distance + Load \(\triangle \) Length (Property and \) Length (Property and \(\triangle \) Load \(\triangle \) Stack = 0TR + \sqrt{\(\triangle \) Indeed \) Load \(\triangle \) Load \(\triangle

J35XNT SPECIFICATIONS

1	Manufacturer			Hy	ster	
<u>:</u> 2	Model designation				SXNT	
3 4 5	Power				ctric	
4	Operation				Sit	
5 5	Rated capacity		lb (kg)		(1588)	
	. ,		(0)		,	
6	Load center	the standard taken	in (mm)		(610)	
7	Tire type - cushion, solid, pneuma	tic, etc. (arive/steer)			/pneumatic shaped solid	
8 9	Tire size (drive/steer)		in		15 x 4.5-8	
9		(drive/steer)			x/2	
10	Tread ctr. of tires (drive/stee	· 1	in (mm)		889/194)	
11	Mast tilt	Std opt opt	degrees		F/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 w/without LBR	in (mm)	29/55 (7	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)		(978/953/951)	
18	Tow pin height	Vertical center of pin	in (mm)		(540)	
19	Overall width		in (mm)		(1050)	
20	Forks	Thickness x width x length	in (mm)		40 x 100 x 1067)	
21	Standard carriage width		in (mm)		(977)	
22	Floor to top of battery rollers		in (mm)		178)	
20 21 22 23	Ground clearance	Lowest point (NL/RL)	in (mm)		(70/70)	
24	Ground clearance	Center of truck (NL/RL)	in (mm)		()	
25	Load distance	Center of wheel to face of forks	in (mm)	3.9/3.9 (100/100) 12.6 (321)		
26	Battery compartment	Height Std/battery rollers/tall		23.9/25.4/26.7 (607/645/677)		
20	Battery Compartment	Width	in (mm)	39 (990)		
\vdash			in (mm)			
07	Langeth to force of faults	Length	in (mm)	25.3 (642) 74.7 (1898)		
27	Length to face of forks	Chassis length	in (mm)		` ,	
28	Wheelbase		in (mm)		(1386)	
29	Right angle stack††	1	in (mm)		(3199)	
30	Equal aisle	90° intersecting aisle	in (mm)		(1794)	
31	Outside turning radius		in (mm)		(1577)	
. 32	Truck weight	Without battery (NL)	lb (kg)		(2381)	
33	Axle loading - drive	Static with max. wt. battery (NL/RL)	lb (kg)		(1681/4335)	
34	Axle loading - steer	Static with max. wt. battery (NL/RL)	lb (kg)		(1786/718)	
35	Voltage			36	48	
36	Travel speed	Extended shift off (NL/RL)	mph (km/h)	9.9/9.9 (16/16)		
		Extended shift on (NL/RL)	mph (km/h)	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)	
3		Opt 4-stg FFL mast (NL/RL)	ft/min (m/sec)	120/73 (0.61/0.37)	126/89 (0.64/0.45)	
38 88 98 98 98 98 98 98 98 98 98 98 98 98	Lower speed	Std 2-stg LFL mast (NL/RL)	ft/min (m/sec)		0.47/0.51)	
		Opt 2-stg FFL mast (NL/RL)	ft/min (m/sec)	77/91 (0	0.39/0.46)	
2		Opt 3-stg FFL mast (NL/RL)	ft/min (m/sec)		0.41/0.46)	
ž 📉		Opt 4-stg FFL mast (NL/RL)	ft/min (m/sec)	,	0.48/0.50)	
39	Gradeability	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)	
70	Diawoui puii	60 minute rating (NL/RL)	LBF	457/460 (2035/2047)	733/672 (3261/2989)	
41	Brake	Method of control (service/parking)	LDI		mechanical	
41	Drake	Method of control (service/parking) Method of operation (service/parking)			itomatic	
42	Battery				ure Lead* Lithium-ion*	
	Battery Traction meters (duel)	Type	be /low			
43 44 45	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)		(12.0)	
	Traction motors	Type/control method			nsistor	
70	Pump motor	Type/control method			insistor	
47	Number of speeds	Traction/pump		,	/infinitely variable	
48	Step height		in (mm)		(484)	
49	Floor height	Lowest point	in (mm)		(560)	
49 50 51	Attachment relief pressure (mech	,	psi (bar)		0 (180/155)	
5 51	Auxiliary oil flow	3rd and 4th function	gal/min (l/min)		6 (20/40)	
	Sound level	Measured per ANSI B56.11.5	dB (a)		69	

^{*} Optional with Hyster Power Cellect™

[†] CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the 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 tow 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.

^{††} The Industrial Truck Association (ITA) defines the formula for calculating right angle stack on 3-wheel trucks with counter rotating load wheels as:

##Right Angle Stack = 0TR + \(\sum_{\text{Load Distance} + Load Length)^2 + \(\sum_{\text{Load Mistance} + \text{Load Length})^2 + \(\sum_{\text{Load Distance} + \text{Load Distance} + \text{Load Length})^2 + \(\sum_{\text{Load Distance} + \text{Load Distance} + \text{Load Length})^2 + \(\sum_{\text{Load Distance} + \text{Load Distance} + \text{Load Length})^2 + \(\sum_{\text{Load Distance} + \text{Load Distance

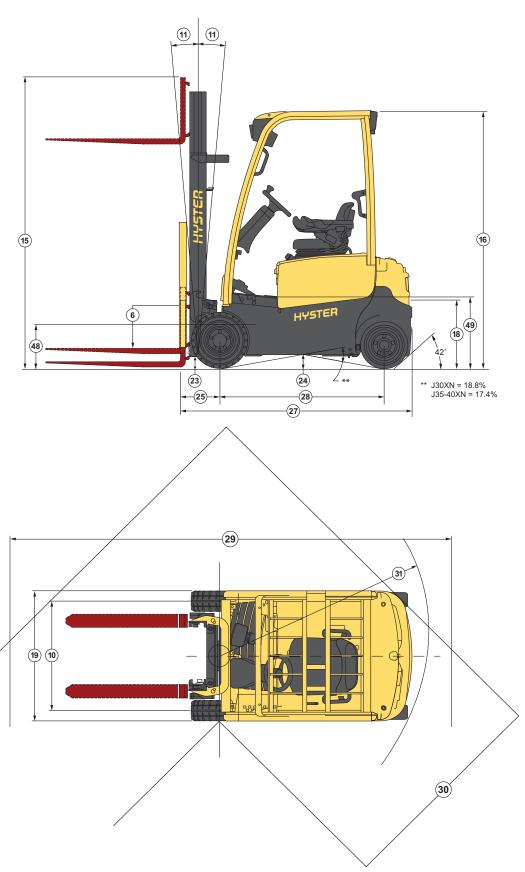
4	Manufacturar			l u.	ator	
ا ــ 2	Manufacturer Model designation				ster XNT	
2 3 4 5	Power				ctric	
4	Operation				Sit	
5 5	Rated capacity		lb (kg)		(1814)	
6	Load center		in (mm)		(610)	
7	Tire type - cushion, solid, pneumat	ic etc. (drive/steer)	111 (111111)		d/pneumatic shaped solid	
3 8	Tire size (drive/steer)	ic, etc. (unive/steen)	in		/ 15 x 4.5-8	
8 9	,	drive/steer)	III		x/2	
10	Tread ctr. of tires (drive/steer)	,	in (mm)		(908/194)	
11	Mast tilt	Std opt opt	degrees		F/5B 5F/4B	
12	Mast - lowered height	Std opt opt			1980)	
12	Free lift - top of fork	Std 2-stg limited free lift mast	in (mm)	,	140)	
13	Tree lift - top of lork	Opt 2-stg full free lift mast w/without LBR	in (mm)		750/1405)	
14	Lift height - top of fork	Std 2-stg limited free lift mast	in (mm)	,	(3032)	
15	Mast - extended height	Std mast with/without LBR	in (mm)		4262/3606)	
16	Overhead guard height	Std/flat plate/drive in rack	in (mm)		2070/1979/2070)	
17	Sip to bottom std OHG	Nominal Std/susp/swivel	in (mm)		1 (978/953/951)	
18	Tow pin height	Vertical center of pin	in (mm)		(540)	
19	Overall width	The second of pile	in (mm)		(1116)	
20	Forks	Thickness x width x length	in (mm)		40 x 100 x 1067)	
21	Standard carriage width		in (mm)		(977)	
20 21 22 23	Floor to top of battery rollers		in (mm)		178)	
23	Ground clearance	Lowest point (NL/RL)	in (mm)	,	(70/70)	
24	Ground clearance	Center of truck (NL/RL)	in (mm)		(100/100)	
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)		(990)	
		Length			(642)	
27	Length to face of forks	Chassis length	in (mm) in (mm)		(1898)	
28	Wheelbase	'	in (mm)		(1386)	
29	Right angle stack ^{††}		in (mm)		(3199)	
30	Equal aisle 90° intersecting aisle		in (mm)	71.5	(1817)	
31	Outside turning radius		in (mm)		(1577)	
32	Truck weight	Without battery (NL)	lb (kg)		(2400)	
33	Axle loading - drive	Static with max. wt. battery (NL/RL)	lb (kg)		(1701/4735)	
34	Axle loading - steer	Static with max. wt. battery (NL/RL)	lb (kg)	3937/1248	(1786/566)	
35	Voltage		, ,,	36	48	
36	Travel speed	Extended shift off (NL/RL)	mph (km/h)	9.9/9.9	(16/16)	
		Extended shift on (NL/RL)	mph (km/h)	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)	
3		Opt 4-stg FFL mast (NL/RL)	ft/min (m/sec)	120/71 (0.61/0.36)	126/89 (0.64/0.45)	
38 38	Lower speed	Std 2-stg LFL mast (NL/RL)	ft/min (m/sec)	,	0.47/0.51)	
Ž		Opt 2-stg FFL mast (NL/RL)	ft/min (m/sec)	·).39/0.47)	
3		Opt 3-stg FFL mast (NL/RL)	ft/min (m/sec)		0.41/0.47)	
كال		Opt 4-stg FFL mast (NL/RL)	ft/min (m/sec)).48/0.50)	
39	Gradeability	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)			mechanical	
	B #	Method of operation (service/parking)			utomatic	
42	Battery	Type	1 ")		ure Lead* Lithium-ion*	
43 44 45 46	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)		(12.0)	
45	Traction motors	Type/control method			insistor	
	Pump motor	Type/control method			nsistor	
47	Number of speeds	Traction/pump			e/infinitely variable	
48	Step height		in (mm)		(484)	
49	Floor height	Lowest point	in (mm)		(560)	
49 50 51	Attachment relief pressure (mech		psi (bar)		0 (180/155)	
	Auxiliary oil flow Sound level	3rd and 4th function Measured per ANSI B56.11.5	gal/min (l/min) dB (a)		6 (20/40)	
52					69	

^{*} Optional with Hyster Power Cellect™

[†] CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the 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.

^{††} The Industrial Truck Association (ITA) defines the formula for calculating right angle stack on 3-wheel trucks with counter rotating load wheels as:

Right Angle Stack = 0TR + \sqrt{Load Distance + Load Length)}^2 + \cline{Load Minimal}^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: **Right Angle Stack = 0TR + Load Distance + 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.



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

	Manufacturer			1	
1	Manufacturer Madel designation				ster
KA 2 3	Model designation				OXN
GENERAL 2	Power				ctric
8 4 5			lle /lea/		Sit (1361)
6	Rated capacity Load center		lb (kg)		,
7	Tire type - cushion, solid, pneur	natio ata (drivo/staar)	in (mm)		(610) //pneumatic shaped solid
8 ES	Tire size (drive/steer)	natio, etc. (unive/steer)	in		/ 140/55-9
TIRES	Wheels – number x=driven	(drive/steer)	111		x/2
10		,	in (mm)		(889/898)
11	Mast tilt	Std opt opt	degrees		F/5B 5F/4B
12		Std mast	in (mm)		1980)
'-	Free lift - top of fork	Std 2-stg limited free lift mast	in (mm)		140)
13		Opt 2-stg full free lift mast w/without LBR	in (mm)		750/1405)
14		Std 2-stg limited free lift mast	in (mm)		(3032)
15		Std mast with/without LBR	in (mm)		4262/3606)
16		Std/flat plate/drive in rack	in (mm)		2070/1979/2070)
17	Sip to bottom std OHG	Nominal Std/susp/swivel	in (mm)		(978/953/951)
18	Tow pin height	Vertical center of pin	in (mm)		(360)
, 19			in (mm)		(1050)
SN 20		Thickness x width x length	in (mm)		40 x 100 x 1067)
S 21	Standard carriage width		in (mm)		(977)
필 22	Floor to top of battery rollers		in (mm)		178)
≧ 23		Lowest point (NL/RL)	in (mm)		(70/70)
24		Center of truck (NL/RL)	in (mm)		(100/100)
25	Load distance	Center of wheel to face of forks	in (mm)		(321)
26	Battery compartment	Height Std/battery rollers/tall	in (mm)		7 (607/645/677)
		Width	in (mm)		(990)
07	1 11 1 5 55 1	Length	in (mm)		(546)
27	Length to face of forks	Chassis length	in (mm)		1879)
28			in (mm)		(1335)
29 30	Right angle stack ^{††} Equal aisle 90° intersecting aisle		in (mm)		(3180)
31	Outside turning radius	90 linersecting aisie	in (mm)		<mark>(1781)</mark> (1558)
32		Without battery (NL)	in (mm) lb (kg)		(2331)
¥ 33	Axle loading - drive	Static with max. wt. battery (NL/RL)	lb (kg)		(1652/3961)
34	Axle loading - steer	Static with max. wt. battery (NL/RL)	lb (kg)		(1676/727)
35		State was max. We sattery (NE/NE)	ib (kg)	36	48
36		Extended shift off (NL/RL)	mph (km/h)		(16/16)
		Extended shift on (NL/RL)	mph (km/h)		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)
ᄬ		Opt 4-stg FFL mast (NL/RL)	ft/min (m/sec)	120/77 (0.61/0.39)	126/91 (0.64/0.46)
ĕ 38	Lower speed	Std 2-stg LFL mast (NL/RL)	ft/min (m/sec)	93/100 (0.47/0.51)
<u>&</u>		Opt 2-stg FFL mast (NL/RL)	ft/min (m/sec)	,	0.39/0.46)
PERFORMANCE 88		Opt 3-stg FFL mast (NL/RL)	ft/min (m/sec)		0.41/0.46)
Б		Opt 4-stg FFL mast (NL/RL)	ft/min (m/sec)).48/0.50)
39	Gradeability	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)
44	P. 1	60 minute rating (NL/RL)	LBF	458/462 (2038/2054)	744/691 (3309/3074)
41	Brake	Method of control (service/parking)			mechanical
42	Rettory	Method of operation (service/parking)			utomatic
42 <u>د</u> 43		Type 60 minute rating (each)	hp (kw)		ure Lead* Lithium-ion* 6.7 (5.0)
HECTRIC 43 46 46	Pump motor	15 minute rating (each)	hp (kw)	6.4 (4.8)	(12.0)
표 44 45	Traction motors	Type/control method	iib (kw)		nsistor
H 45 46		Type/control method			insistor
47	Number of speeds	Traction/pump			e/infinitely variable
48		1 Tradion/pump	in (mm)		(484)
		Lowest point	in (mm)		(560)
01 HER 50 51	Attachment relief pressure (me		psi (bar)		0 (180/155)
Ö 51	Auxiliary oil flow	3rd and 4th function	gal/min (l/min)	5.3/10.0	6 (20/40)

^{*} Optional with Hyster Power Cellect™

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^{††} The Industrial Truck Association (ITA) defines the formula for calculating right angle stack on 3-wheel trucks with counter rotating load wheels as:

Right Angle Stack = 0TR + V (Load Distance + Load Length)* + (-\text{Load Minitor})* (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: **Right Angle Stack = 0TR + Load Distance + 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.

J35XN DIMENSIONS

1	Manufacturer			Ш	rotor	
	Model designation				ster 5XN	
GENERAL 3 4 2	Power				ctric	
GENERAI	Operation				Sit	
3 -	Rated capacity		lb (kg)		(1588)	
6	Load center		in (mm)		(610)	
7	Tire type - cushion, solid, pneumation	c etc (drive/steer)	111 (111111)		d/pneumatic shaped solid	
සු <mark>8</mark>	Tire size (drive/steer)	0, 010. (01110/31001)	in		/ 140/55-9	
TIRES 8	,	rive/steer)	""		x/2	
10	Tread ctr. of tires (drive/steer)	11140/31001)	in (mm)		(889/898)	
11	Mast tilt	Std opt opt	degrees		f/5b 5f/4b	
12	Mast - lowered height	Std mast	in (mm)		1980)	
<u> </u>	Free lift - top of fork	Std 2-stg limited free lift mast	in (mm)		140)	
13	Tree interest top or rem	Opt 2-stg full free lift mast w/without LBR	in (mm)		750/1405)	
14	Lift height - top of fork	Std 2-stg limited free lift mast	in (mm)		(3032)	
15	Mast - extended height	Std mast with/without LBR	in (mm)		4262/3606)	
16	Overhead guard height	Std/flat plate/drive in rack	in (mm)		2070/1979/2070)	
17	Sip to bottom std OHG	Nominal Std/susp/swivel	in (mm)		1 (978/953/951)	
18	Tow pin height	Vertical center of pin	in (mm)		(360)	
19	Overall width		in (mm)		(1050)	
ž 20	Forks	Thickness x width x length	in (mm)	1.6 x 3.9 x 42 (40 x 100 x 1067)	
DI WEN SION S 21 22 23 23	Standard carriage width		in (mm)	38.5	(977)	
표 22	Floor to top of battery rollers		in (mm)	7 (178)	
E 23	Ground clearance	Lowest point (NL/RL)	in (mm)		(70/70)	
24	Ground clearance	Center of truck (NL/RL)	in (mm)	3.9/3.9 (100/100)		
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)		(990)	
		Length	in (mm)		(642)	
27	Length to face of forks	Chassis length	in (mm)		(1975)	
28	Wheelbase		in (mm)		(1431)	
29	Right angle stack††	1 000 1	in (mm) in (mm)		(3276)	
30 31	Equal aisle	90° intersecting aisle			(1813)	
	Outside turning radius	Mithaut hattamy (NII.)	in (mm)		(1654)	
¥ 32 33	Truck weight Axle loading - drive	Without battery (NL) Static with max. wt. battery (NL/RL)	lb (kg)	5270 (2390) 3795/9573 (1721/4342)		
≥ 33 34	Axle loading - steer	Static with max. wt. battery (NL/RL)	lb (kg)	3866/1588 (1754/720)		
35	Voltage	Static with max. wt. battery (NE/NE)	ib (kg)	36	48	
36	Travel speed	Extended shift off (NL/RL)	mph (km/h)		(16/16)	
	Haver speed	Extended shift on (NL/RL)	mph (km/h)		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)	
	2.11 00000	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-stq FFL mast (NL/RL)	ft/min (m/sec)	114/69 (0.58/0.35)	120/85 (0.61/0.43)	
<u>ы</u> —		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)		0.47/0.51)	
M.	·	Opt 2-stg FFL mast (NL/RL)	ft/min (m/sec)	77/91 (0	0.39/0.46)	
<u> </u>		Opt 3-stg FFL mast (NL/RL)	ft/min (m/sec)	81/91 (0	0.41/0.46)	
PERFORMANCE †		Opt 4-stg FFL mast (NL/RL)	ft/min (m/sec)	94/98 (0	0.48/0.50)	
39	Gradeability	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)			mechanical mechanical	
		Method of operation (service/parking)			utomatic	
42	Battery	Type	1 0 3	•	ure Lead* Lithium-ion*	
43 44 45 46	Traction motors (dual)	60 minute rating (each)	hp (kw)	6.4 (4.8)	6.7 (5.0)	
5 44	Pump motor	15 minute rating	hp (kw)		(12.0)	
발 45	Traction motors	Type/control method			nsistor	
45	Pump motor	Type/control method			Insistor	
47	Number of speeds	Traction/pump	in (22.22)		e/infinitely variable	
48	Step height Floor height	Lowest point	in (mm)		(484) (560)	
01 49 50 51	Attachment relief pressure (mech le	Lowest point	in (mm)		(560) O (180/155)	
5 51	Auxiliary oil flow	3rd and 4th function	psi (bar) gal/min (l/min)		6 (20/40)	
52	Sound level	Measured per ANSI B56.11.5	dB (a)		69	
JZ	Odullu level	וויטמטעוכע אָכוּן אוויסו שטט.ווו.ט	ub (a)			

^{*} Optional with Hyster Power Cellect™

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^{††} The Industrial Truck Association (ITA) defines the formula for calculating Right Angle Stack on 3-wheel trucks with counter rotating load wheels as:

**Right Angle Stack = 07B + \sqrt{load Distance + Load Length}^2 + (-\frac{Load (Hight)^2}{Load (Distance + Load Length}^2 + (-\frac{Load (Hight)^2}{Load (Distance + Load (Length}^2 + (-\frac{Load (Hight)^2}{Load (Distance + Load (Length}^2 + (-\frac{Load (Length}^2 + (-\frac{Load

1	Manufacturer				ster			
₽ 2	Model designation				OXN			
GENERAL 2 4 2	Power				ctric			
4 5	Operation				Sit			
·	Rated capacity		lb (kg)		(1814)			
6	Load center		in (mm)		(610)			
_ω 7	Tire type - cushion, solid, pneumation	c, etc. (drive/steer)			//pneumatic shaped solid			
TIRES 6 8	Tire size (drive/steer)		in) / 140/55-9			
¥ 9	•	rive/steer)	!n (man)		x/2			
10	Tread ctr. of tires (drive/steer)	01411	in (mm)		(908/898)			
11	Mast tilt	Std opt opt	degrees		f/5b 5f/4b			
12	Mast - lowered height Free lift - top of fork	Std mast	in (mm)		1980)			
13	Free lift - top of fork	Std 2-stg limited free lift mast Opt 2-stg full free lift mast w/without LBR	in (mm)		<mark>140)</mark> 750/1405)			
14	Lift height - top of fork	Std 2-stg limited free lift mast	in (mm)	,	(3032)			
15	Mast - extended height	Std mast with/without LBR	in (mm)	,	4262/3606)			
16	Overhead guard height	Std/flat plate/drive in rack	in (mm)	,	2070/1979/2070)			
17	Sip to bottom std OHG	Nominal Std/susp/swivel	in (mm)	`	4 (978/953/951)			
18	Tow pin height	Vertical center of pin	in (mm)		(360)			
19	Overall width		in (mm)		(1116)			
S 20	Forks	Thickness x width x length	in (mm)		40 x 100 x 1067)			
응 21	Standard carriage width	· · · · · · · · · · · · · · · · · · ·	in (mm)	,	(977)			
곱 22	Floor to top of battery rollers		in (mm)		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)	3.9/3.9 (100/100)				
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)		(1975)			
28	Wheelbase		in (mm)		(1431)			
29	Right angle stack††	1	in (mm)		(3276)			
30	Equal aisle 90° intersecting aisle		in (mm)		(1836)			
31	Outside turning radius	LARGE CLASS AND	in (mm)		(1654)			
32	Truck weight	Without battery (NL)	lb (kg)		(2409)			
¥ 33 34	Axle loading - drive	Static with max. wt. battery (NL/RL)	lb (kg)	3839/10443 (1741/4737) 3866/1262 (1754/572)				
35	Axle loading - steer Voltage	Static with max. wt. battery (NL/RL)	lb (kg)	36	48			
36	Travel speed	Extended shift off (NL/RL)	mph (km/h)	9.9/9.9 (16/16)				
30	il avel speeu	Extended shift on (NL/RL)	mph (km/h)	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)			
"	Ent speed	Opt 2-stg FFL mast (NL/RL)	ft/min (m/sec)	114/65 (0.58/0.33)	120/81 (0.61/0.41)			
. $igar{}$		Opt 3-stg FFL mast (NL/RL)	ft/min (m/sec)	114/65 (0.58/0.33)	120/81 (0.61/0.41)			
병		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)		0.47/0.51)			
PERFORMANCE 88		Opt 2-stg FFL mast (NL/RL)	ft/min (m/sec)	,).39/0.47)			
Ē		Opt 3-stg FFL mast (NL/RL)	ft/min (m/sec)	81/93 (0	0.41/0.47)			
쫎		Opt 4-stg FFL mast (NL/RL)	ft/min (m/sec)).48/0.50)			
39	Gradeability	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)			mechanical			
	2	Method of operation (service/parking)			utomatic			
42	Battery	Type	1 "		ure Lead* Lithium-ion*			
43 44 45 46	Traction motors (dual)	60 minute rating (each)	hp (kw)	6.4 (4.8)	6.7 (5.0)			
5 44	Pump motor	15 minute rating	hp (kw)		(12.0)			
발 45	Traction motors	Type/control method			insistor			
	Pump motor	Type/control method			Insistor			
47 48	Number of speeds	Traction/pump	in (mm)		e/infinitely variable			
	Step height Floor height	Lowest point	in (mm)		(484) (560)			
49 50 51	Attachment relief pressure (mech le		in (mm) psi (bar)) (180/155)			
등 50 51	Auxiliary oil flow	3rd and 4th function	gal/min (l/min)		6 (20/40)			
52	Sound level	Measured per ANSI B56.11.5	dB (a)					
JZ	Oddilu lovoi	ווויטעטעוויע אַנוּ אויטע ווייטע אַנוּייטע אַנוּייטע ווייטע	(a)	69				

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Right Angle Stack = OTR + \(\subseteq \text{(Load Distance + Load Length)}^2 + \(\subseteq \text{-(Load Witten)}^2 \) (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: **Right Angle Stack = OTR + Load Distance + 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

Manimum fault bailelt (TOF)	Our well leave used be in be	Overall exte	ended height	Free lift (TOF)		
Maximum fork height (TOF)	Overall lowered height	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 LI	FT (LFL) MAST					
119 (3032)	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)	

^{*} Available on J30XN only.

BATTERY AND	СОМР	ARTME	NT SPE	CIFICA	TIONS									
J30XNT/XN WITH 2														
Battery com								Battery	dimensio	ns and spe	cifications			
	Width	Laurth	Unioht	")	("	"	Y"	"Z"		N e	Distant	Max capacity	We	ight
Compartment type	wiatn	Length	Height	Min	Max	Min	Max	Max	Volts	No. of cells	Plates per cell	6 hour rate	Min	Max
		in (mm)				in (mm)				Cells	per cen	amp hr (kwh)	lb ((kg)
With auxiliary	39	21.5	23.9	38.2	38.8	20	21.2	23.4	36	18	17	880 (30.6)	1700	2200
CTWT platform	(990)	(546)	(607)	(970)	(986)	(508)	(539)	(594)	48	24	13	660 (30.5)	(771)	(998)
With battery rollers	39	21.5	25.4	38.2	38.8	20	21.2	24.9	36	18	17	880 (30.6)	1700	2200
With battery rollers	(990)	(546)	(645)	(970)	(986)	(508)	(539)	(632)	48	24	13	660 (30.5)	(771)	(998)
Without auxiliary	39	21.5	26.7	38.2	38.8	20	21.2	26.1	36	18	17	880 (30.6)	2000	2500
CTWT platform	(990)	(546)	(677)	(970)	(986)	(508)	(539)	(664)	48	24	13	660 (30.5)	(907)	(1134)
J35-40XNT/XN WITH	I 25.3" L	ONG COMP	PARTMENT											
Battery com	partment	dimensio	ns					Battery	dimensio	ns and spe	cifications			
	Width	Launth	Height	")	("	"	Y "	"Z"			f Bi f	Max capacity	We	ight
Compartment type	wiutii	Length	neigni	Min	Max	Min	Max	Max	Volts	No. of cells	Plates per cell	6 hour rate	Min	Max
	in (mm)			in (mm)					Cells	per cen	amp hr (kwh)	lb (kg)	
With auxiliary	39	25.3	23.9	38.2	38.8	23.5	25	23.4	36	18	21	1100 (38.2)	2100	2400
CTWT platform	(990)	(642)	(607)	(970)	(986)	(597)	(635)	(594)	48	24	15	770 (35.8)	(953)	(1089)
With battery rollers	39	25.3	25.4	38.2	38.8	23.5	25	24.9	36	18	21	1100 (38.2)	2100	2400
The buttery reflers	(990)	(642)	(645)	(970)	(986)	(597)	(635)	(632)	48	24	15	770 (35.8)	(953)	(1089)
Without auxiliary	39	25.3	26.7	38.2	38.8	23.5	25	26.1	36	18	21	1100 (38.2)	2500	2800
CTWT platform	(990)	(642)	(677)	(970)	(986)	(597)	(635)	(664)	48	24	15	770 (35.8)	(1134)	(1270)

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 (BCSSBC)
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)
Battery lead: Length 20" (508 mm), position "B", 2/0 AWG

Battery notes - Rapid/Fast Charging (BARFBC)

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

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

FEATURES AND OPTIONS

PEDEGDMANOF	OTD	OPT
PERFORMANCE	STD	OPT
36-volt electrical system	Х	
AC traction and pump motors (completely brushless)	Х	
Transistor drive and pump control	Х	
Advanced VSM (Vehicle System Manager)	Х	
Progressive Thermal Management System	Х	
Dual drive motors	Х	
Wet disc brakes	Х	
48-volt electrical system		Х
Reverse Speed System	OTD	X
DRIVE Pneumatic-shaped solid tire and steer tire	STD	OPT
Rubber cushion smooth tread drive tire and steer tire	Х	х
LIFT	STD	OPT
2-stage limited free lift (LFL) mast with maximum fork height	טוט	UFI
of 119"	Х	
5° forward/5° back mast tilt	х	
Available with 2-stage limited free lift (LFL) and 2, 3 or 4-stage		
full free lift (FFL) masts		Х
Mast tilt option – 10° forward/5° back		х
Mast tilt option – 5° forward/4° back		х
Return to set tilt		х
Load weight indicator		х
HANDLING	STD	OPT
38.5" wide class II carriage with 48" high load backrest extension	Х	
42" (1067mm) long forks	Х	
Carriage with integral sideshift		х
Carriage with integral sideshifting fork positioner		х
ERGONOMICS	STD	OPT
MONOTROL® foot direction control	Х	
12" steering wheel with integral spinner knob and tilt column	Х	
Black, non-cinch seat belt with Emergency Locking Retractor (ELR)	Х	
Power assist braking	х	
Auto Deceleration System	Х	
Regenerative braking	Х	
Multifunction display		
Battery state of charge with low battery lift interrupt		
- Hour meter - Performance mode indicator	х	
Fault indicator		
 4 operator selectable, programmable performance modes 		
Easy ingress/egress with low step height and contoured handhold	Х	
Operator convenience station	Х	
Adjustable tilt steering column with low profile cowl	Х	
Cushioned floormat	Х	
Seatside power disconnect button	Х	
Operator Presence System (OPS)	Х	
Vinyl non-suspension seat	Х	
Hydrostatic steer system	Х	
Automatic park brake	Х	
TouchPoint hydraulic mini-levers		х
Non-suspension cloth seat		Х
Full-suspension seat (vinyl or cloth)		Х
Full-suspension swivel seat (vinyl or cloth)		х
Seatside directional control		х
Telescopic steering column with tilt memory		Х
Key switch controlled lights		х
Rear drive handle with horn button		х
Mirrors – LH & RH OHG side mounted		х
Mirror – single panoramic – OHG mounted		Х

Synchronous steering		OPT
		Х
Red, high-visibility, non-cinch seat belt with or without start interlock		Х
Low mount display		Х
OPERATION	STD	OPT
Battery compartment size - 21.5" (J30XNT/XN) - 25.3" (J35-40XNT/XN)	х	
Lift out battery extraction	х	
Standard construction	X	
UL Classification Type "E"	X	
Key switch start	х	
81.5" grid style overhead guard	Х	
3-function hydraulic control valve with seatside mechanical levers	х	
On-demand hydrostatic power-assist steering	х	
Fully integrated CANbus communication	х	
Static strap	х	
Tow pin	х	
On-board software - Program, test & diagnose - Password protected	х	
Electronic horn with integral relay (long life/no adjustments)	х	
Battery side covers	Х	
Side extraction battery removal with rollers		х
Rapid/fast charge		Х
Application/environmental construction — Cooler/freezer package: operating temperatures: 0° F to +120° F — SubZero freezer package: operating temperatures: -40° F to +120° F		х
UL Classification Type "EE"		х
4-function hydraulic control valve		Х
Hydraulic attachment extension tubes with or without quick disconnect fittings		Х
77.9" flat plate overhead guard		х
81.5" drive-in rack grid style overhead guard		Х
Keyless start (with auxiliary key switch)		х
LED and halogen work light packages		Х
LED dome/reading light		Х
Basic and premium LED brake/tail/back-up light packages		Х
Audible alarm – reverse operation (manually adjustable to 87, 97 or 102 dB)		х
Visible amber strobe light – continuous activated, overhead guard mounted		Х
Fire extinguisher – 2.5 lb dry chemical		Х
Impact monitor		Х
Operator password start interlock		X
Operator daily checklist		Х
System monitor – hydraulic low fluid level indicator and hydraulic filter service indicator		X
Programmable maintenance reminder		X
Hyster Reaction™	CTD_	X OPT
SUPPLEMENTAL Operating manual	STD	OPT
12 month/2,000 hour full truck warranty	X	
12 month/2,000 nour run truck wallallty	X	
36 month/6,000 hour powertrain warranty ENERGY SYSTEM Lead acid	STD X	OPT





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