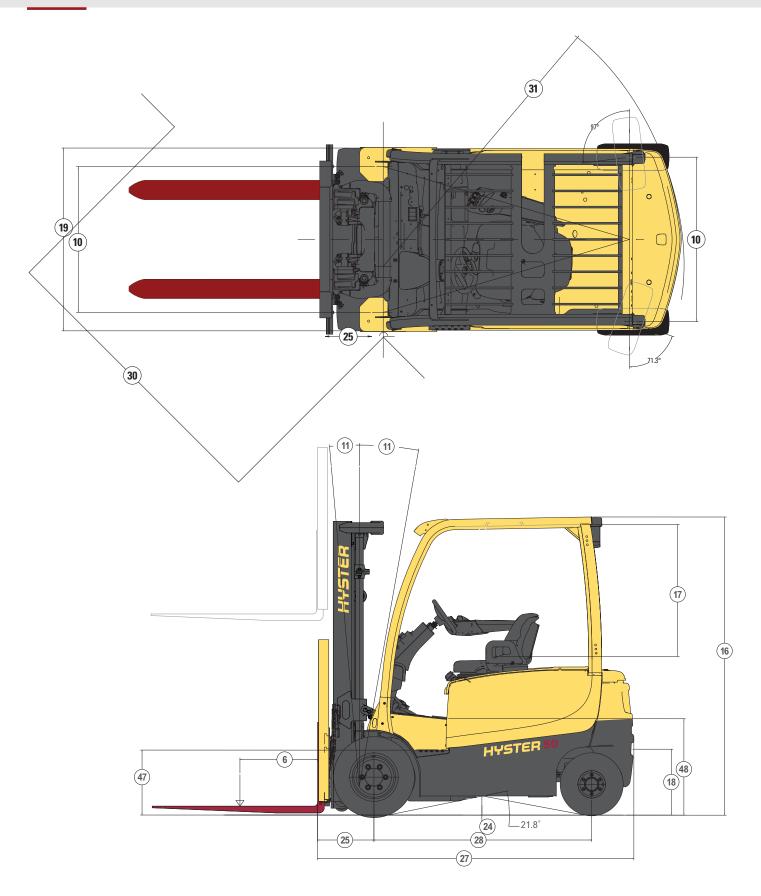


4-WHEEL ELECTRIC FORKLIFT TRUCK PNEUMATIC TIRE PRODUCT TECHNICAL GUIDE





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

	Manufacturer				Hyster Co		
됩 2	Model designation				J45X		
3 4	Power/voltage				Electric/8		
	Operation				Sit		
5	Rated capacity			lb (kg)	4500 (2	•	
6	Load center			in (mm)	24 (610)		
7	Tire type (std/opt)				Pneumatic/pneuma		
8 8	Tire size (drive/steer)			in	23 x 10 - 12/		
	Wheels – number x=driven (drive/s	, ,	Lauren	front/rear	2x/2		
10	Tread	Ctr. of tires	Std dr/wide dr/steer	in (mm)	36.9/41.5/39.1 (9		
11	Mast tilt	Std opt opt		degrees	5F/5B 10F/5		
12	Mast - lowered height	Std mast		in (mm)	87 (21		
13	Free lift - top of fork	Std 2-stg limited free lift mast		in (mm)	5 (14	,	
44	1:01 : 14 4 66 1	Opt 2-stg full free lift mast with	n/without LBR	in (mm)	37/64 (96)		
14	Lift height - top of fork	Std 2-stg limited free lift mast		in (mm)	133 (33	,	
15	Mast - extended height	Std mast with/without LBR		in (mm)	182/156 (46		
16	Overhead guard height	Without/with battery rollers		in (mm)	86.3/90.4 (2)		
17	Sip to bottom of OHG	Seat depressed	Std/susp/swivel	in (mm)	38.8/39.4/38.9 (9		
18	Tow pin height	Vertical center of pin	0444	in (mm)	10.3 (2	•	
2 19 2	Overall width	Pneumatic tires	Std/wide tread	in (mm)	46.9/51.5 (1		
2 00	Carlos	PSS tires	Std/wide tread	in (mm)	46.2/50.7 (1	,	
20 21	Forks	Thickness x width x length		in (mm)	1.6 x 3.9 x 42 (40		
21 22	Standard carriage width	/vollow/fowles		in (mm)	42 (10	•	
23	Floor to bottom of battery (vertical, Ground clearance	Lowest point (NL/RL)		in (mm)	5.7 (145)/10.2 (3.9/3.3 (9.3.2)		
24	Ground clearance	Center of truck (NL/RL)		in (mm)	5.4/5.3 (1	,	
25	Load distance	Center of wheel to face of fork	· c	in (mm)	15.9 (4	•	
23	Load distance	Center of wheel to face of fork	Nominal	in (mm) SIZE	28"	34"	
27	Length to face of forks	Chassis length	Norminal	in (mm)	91.4 (2		
28	Wheelbase	Oliassis leligili		in (mm)	63.2 (1	,	
29	Right angle stack			in (mm)	141.3 (3		
30	Equal aisle	90° Intersecting aisle		in (mm)	78 (19		
31	Outside turning radius	oo maaaaaaaaaa		in (mm)	76 (19		
32	Truck weight	Without battery (NL)		lb (kg)	6740 (3	•	
33	Axle loading - drive	Static with max. wt. battery (N	I /RI)	lb (kg)	5756/13087 (2	,	
34	Axle loading - steer	Static with max. wt. battery (N	•	lb (kg)	5121/2286 (2	,	
\top	J. Company	,	,	(9)	STANDARD PERFORMANCE	POWERPLUS PERFORMANCE	
35	Travel speed	(NL/RL)		mph (km/h)	11.2/11.2 (18/18)	13/13 (21/21)	
36	Lift speed	Std 2-stg LFL mast (NL/RL)		ft/min (m/sec)	124/70 (0.62/0.4)		
		- , ,			124/19 (0.03/0.4)	142/102 (0.72/0.52)	
		Opt 2-stg FFL mast (NL/RL)		ft/min (m/sec)	124/79 (0.63/0.4) 124/81 (0.63/0.41)	142/102 (0.72/0.52) 130/98 (0.66/0.5)	
		Opt 3-stg FFL mast (NL/RL)		, ,		, ,	
길 37	Lower speed	, ,		ft/min (m/sec)	124/81 (0.63/0.41)	130/98 (0.66/0.5) 134/100 (0.68/0.51)	
37 37	Lower speed	Opt 3-stg FFL mast (NL/RL)		ft/min (m/sec) ft/min (m/sec)	124/81 (0.63/0.41) 124/79 (0.63/0.4)	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57)	
O KIMA	Lower speed	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL)		ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec)	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0.	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52)	
-	·	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL)		ft/min (m/sec) ft/min (m/sec) ft/min (m/sec)	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0. 91/102 (0.	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52)	
로	·	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL)		ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec)	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0. 91/102 (0. 93/106 (0.	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52) 47/0.54)	
-	·	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL)		ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec)	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0. 91/102 (0. 93/106 (0.	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52) 47/0.54) 42/28	
38	Gradability	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL)		ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) %	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0. 91/102 (0. 93/106 (0. 39/26 13/9	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52) 47/0.54) 42/28 14/10	
38	Gradability Drawbar pull	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL)	rking)	ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % % LBF	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0.91/102 (0.93/106 (0.39/26 13/9 4283/4057	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52) 47/0.54) 42/28 14/10 4626/4462 1402/1357	
38	Gradability Drawbar pull	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL)		ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % % LBF	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0.91/102 (0.93/106 (0.39/26 13/9 4283/4057 1298/1229	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52) 47/0.54) 42/28 14/10 4626/4462 1402/1357 echanical	
38	Gradability Drawbar pull	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pal		ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % % LBF	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0.91/102 (0.93/106 (0.39/26 13/9 4283/4057 1298/1229 Hydraulic/m	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52) 47/0.54) 42/28 14/10 4626/4462 1402/1357 echanical	
38 39 40 41	Gradability Drawbar pull Brake	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pal Method of operation (service/pal		ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % % LBF	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0. 91/102 (0. 93/106 (0. 39/26 13/9 4283/4057 1298/1229 Hydraulic/m	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52) 47/0.54) 42/28 14/10 4626/4462 1402/1357 echanical	
38 39 40 41	Gradability Drawbar pull Brake Battery	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pat Method of operation (service/pat Type		ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % % LBF LBF	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0. 91/102 (0. 93/106 (0. 39/26 13/9 4283/4057 1298/1229 Hydraulic/m Foot/auto	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52) 47/0.54) 42/28 14/10 4626/4462 1402/1357 echanical omatic e Lead* Lithium-ion*	
38 39 40 41	Gradability Drawbar pull Brake Battery Traction motors (dual)	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/particle) Method of operation (service/particle) Type 60 minute rating (each)		ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % % LBF LBF	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0. 91/102 (0. 93/106 (0. 39/26 13/9 4283/4057 1298/1229 Hydraulic/m Foot/auto Lead acid Thin Plate Pur	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52) 47/0.54) 42/28 14/10 4626/4462 1402/1357 echanical omatic e Lead* Lithium-ion* 13.4 (10) 32.2 (24)	
38 39 40 41 42 43 44 45	Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/particle) Method of operation (service/particle) Type 60 minute rating (each) 15 minute rating		ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % % LBF LBF	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0. 91/102 (0. 93/106 (0. 39/26 13/9 4283/4057 1298/1229 Hydraulic/m Foot/auto Lead acid Thin Plate Pur 13.4 (10) 21.5 (16)	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52) 47/0.54) 42/28 14/10 4626/4462 1402/1357 echanical omatic e Lead* Lithium-ion* 13.4 (10) 32.2 (24) ansistor	
38 39 40 41 42 43 44	Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/particle) Method of operation (service/particle) Type 60 minute rating (each) 15 minute rating Type/control method		ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % % LBF LBF	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0. 91/102 (0. 93/106 (0. 39/26 13/9 4283/4057 1298/1229 Hydraulic/m Foot/auto Lead acid Thin Plate Pur 13.4 (10) 21.5 (16) Dual AC/tri	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52) 47/0.54) 42/28 14/10 4626/4462 1402/1357 echanical omatic e Lead* Lithium-ion* 13.4 (10) 32.2 (24) ansistor	
38 39 40 41 42 43 44 45 46 47	Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 60 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/particle) Method of operation (service/particle) Type 60 minute rating (each) 15 minute rating Type/control method Type/control method		ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % % LBF LBF	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0. 91/102 (0. 93/106 (0. 39/26 13/9 4283/4057 1298/1229 Hydraulic/m Foot/auto Lead acid Thin Plate Pur 13.4 (10) 21.5 (16) Dual AC/trans	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52) 47/0.54) 42/28 14/10 4626/4462 1402/1357 echanical omatic e Lead* Lithium-ion* 13.4 (10) 32.2 (24) ansistor sistor nfinitely variable	
38 39 40 41 42 43 43 44 45 46 47	Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 60 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/particle) Method of operation (service/particle) Type 60 minute rating (each) 15 minute rating Type/control method Type/control method		ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % % LBF LBF hp (kW) hp (kW)	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0. 91/102 (0. 93/106 (0. 39/26 13/9 4283/4057 1298/1229 Hydraulic/m Foot/auto Lead acid Thin Plate Pur 13.4 (10) 21.5 (16) Dual AC/trans Infinitely variable/ii	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52) 47/0.54) 42/28 14/10 4626/4462 1402/1357 echanical omatic e Lead* Lithium-ion* 13.4 (10) 32.2 (24) ansistor sistor nfinitely variable 475)	
38 39 40 41 42 43 43 44 45 46 47	Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/particle) Method of operation (service/particle) Type 60 minute rating (each) 15 minute rating Type/control method Type/control method Traction/pump		ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % % LBF LBF hp (kW) hp (kW) in (mm)	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0. 91/102 (0. 93/106 (0. 39/26 13/9 4283/4057 1298/1229 Hydraulic/m Foot/auto Lead acid Thin Plate Pur 13.4 (10) 21.5 (16) Dual AC/trans Infinitely variable/ii	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52) 47/0.54) 42/28 14/10 4626/4462 1402/1357 echanical omatic e Lead* Lithium-ion* 13.4 (10) 32.2 (24) ansistor sistor nfinitely variable 475) 706/810)	
38 39 40 41 42 43 44 45 46 47 48 49 50	Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height Floor height Attachment relief pressure Auxiliary oil flow	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/particle) Method of operation (service/particle) Type 60 minute rating (each) 15 minute rating Type/control method Type/control method Traction/pump		ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % % LBF LBF hp (kW) hp (kW) in (mm) in (mm)	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0. 91/102 (0. 93/106 (0. 39/26 13/9 4283/4057 1298/1229 Hydraulic/m Foot/autc Lead acid Thin Plate Pur 13.4 (10) 21.5 (16) Dual AC/trans Infinitely variable/ii 18.7 (4 27.8/31.9 (1) 2250 (1)	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52) 47/0.54) 42/28 14/10 4626/4462 1402/1357 echanical matic e Lead* Lithium-ion* 13.4 (10) 32.2 (24) ansistor sistor nfinitely variable 475) 706/810) 155)	
38 39 40 41 42 43 43 44 45 46 47 48 49	Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height Floor height Attachment relief pressure	Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/particle) Method of operation (service/particle) Type 60 minute rating (each) 15 minute rating Type/control method Type/control method Traction/pump Without/with battery rollers		ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % % LBF LBF hp (kW) hp (kW) in (mm) in (mm) psi (bar)	124/81 (0.63/0.41) 124/79 (0.63/0.4) 100/112 (0. 91/102 (0. 93/106 (0. 39/26 13/9 4283/4057 1298/1229 Hydraulic/m Foot/auto Lead acid Thin Plate Pur 13.4 (10) 21.5 (16) Dual AC/trans Infinitely variable/ii 18.7 (4 27.8/31.9 (1) 2250 (10)	130/98 (0.66/0.5) 134/100 (0.68/0.51) 51/0.57) 46/0.52) 47/0.54) 42/28 14/10 4626/4462 1402/1357 echanical matic e Lead* Lithium-ion* 13.4 (10) 32.2 (24) ansistor sistor nfinitely variable 475) 706/810)	

^{*} 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.

J50XN SPECIFICATIONS

	Manufacturer				Lhuston C	`anan anı (
. 2						Company DXN	
₹ 3	•					/80 Volts	
GENERAI 4	-					it	
뜅	· ·			lb (kg)		(2268)	
6	1 7			in (mm)		610)	
7				111 (111111)	Pneumatic/pneumatic shaped solid		
	71 (1 /			in			
TIRES 8		toor)		front/rear	23 x 10 - 12/18 x 7 - 8 2x/2		
10		Ctr. of tires	Std dr/wide dr/steer				
11		Std opt opt	Std di/wide di/steel	in (mm) degrees		(938/1054/992) F/5B 5F/6B	
12		Std opt opt				2192)	
13	·	Std 2-stg limited free lift mast		in (mm)		140)	
	Tree int - top or lork	Opt 2-stg full free lift mast wit		in (mm)	,	62/1628)	
14	Lift height - top of fork	Std 2-stg limited free lift mast		in (mm)		3392)	
15	0 1	Std mast with/without LBR		in (mm)		4622/3956)	
16	·	Without/with battery rollers		in (mm)		2193/2297)	
17		Seat depressed	Std/susp/swivel	in (mm) in (mm)		(986/1001/989)	
18		Vertical center of pin	Otu/susp/swivei	in (mm)		(262)	
, 19	0	Pneumatic tires	Std/wide tread	in (mm)		1192/1308)	
SNC	Storan widai	PSS tires	Std/wide tread Std/wide tread	in (mm)	,	1173/1289)	
DIMENSIONS 20 21	Forks	Thickness x width x length	Ota/ Wide fiedu	in (mm)	,	10 x 100 x 1067)	
21		THIORIESS X WIGHT X ICHGIT		in (mm)		1067)	
吉 22	•	/roller/forks)		in (mm)	· ·	(259/9.9 (252)	
23	, ,	Lowest point (NL/RL)		in (mm)		(98/83)	
24		Center of truck (NL/RL)		in (mm)		137/134)	
25		Center of wheel to face of fork	re	in (mm)		(404)	
<u> </u>	Load distance	Ochici of which to face of form	Nominal	SIZE	28"	34"	
27	Length to face of forks	Chassis length	Hommu	in (mm)	91.4 (2321)	97 (2465)	
28	•	- Chaosic longar		in (mm)	63.2 (1606)	68.9 (1750)	
29				in (mm)	141.3 (3588)	146.7 (3727)	
30	• •	90° intersecting aisle		in (mm)	78 (1982)	80.5 (2045)	
31	'	Too microsoming alone		in (mm)	76 (1931)	81.6 (2073)	
32	•	Without battery (NL)		()		()	
	I Truck weight	I VVILIOUL DALLEIV (INL)		lb (ka)	6673 (3027)	7092 (3217)	
	•		IL/RL)	lb (kg)	6673 (3027) 5681/13834 (2577/6275)	7092 (3217) 6563/14061 (2977/6378)	
¥ 33 34	Axle loading - drive	Static with max. wt. battery (N Static with max. wt. battery (N		lb (kg)	6673 (3027) 5681/13834 (2577/6275) 5130/1980 (2327/898)	7092 (3217) 6563/14061 (2977/6378) 5844/2954 (2651/1340)	
₹ 33	Axle loading - drive	Static with max. wt. battery (N		, -,	5681/13834 (2577/6275)	6563/14061 (2977/6378)	
₹ 33	Axle loading - drive Axle loading - steer	Static with max. wt. battery (N		lb (kg)	5681/13834 (2577/6275) 5130/1980 (2327/898)	6563/14061 (2977/6378) 5844/2954 (2651/1340)	
¥ 33 34	Axle loading - drive Axle loading - steer Travel speed	Static with max. wt. battery (N Static with max. wt. battery (N		lb (kg) lb (kg)	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE	
33 34 35	Axle loading - drive Axle loading - steer Travel speed	Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL)		Ib (kg) Ib (kg) mph (km/h)	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18)	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21)	
33 34 35 36	Axle loading - drive Axle loading - steer Travel speed	Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL)		Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec)	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38)	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49)	
33 34 35 36	Axle loading - drive Axle loading - steer Travel speed Lift speed	Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL)		Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec)	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 124/77 (0.63/0.39)	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47)	
33 34 35 36	Axle loading - drive Axle loading - steer Travel speed Lift speed	Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL)		Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec)	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 124/77 (0.63/0.39) 100/112 (6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48)	
333 344 355 365 375 375 375 375 375 375 375 375 375 37	Axle loading - drive Axle loading - steer Travel speed Lift speed	Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL)		mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec)	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 124/77 (0.63/0.39) 100/112 (91/106 (0	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57)	
333 344 355 365 375 375 375 375 375 375 375 375 375 37	Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed	Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL)		mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec)	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 124/77 (0.63/0.39) 100/112 (91/106 (0	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57) 0.46/0.54)	
333 344 335 345 345 345 345 345 345 345	Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed	Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL)		mph (km/h) ft/min (m/sec)	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 124/77 (0.63/0.39) 100/112 (91/106 (0	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57) 0.46/0.54)	
333 344 355 365 375 375 375 375 375 375 375 375 375 37	Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability	Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL)		mph (km/h) ft/min (m/sec)	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 124/77 (0.63/0.39) 100/112 (91/106 (0 93/108 (0	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57) 0.46/0.54) 0.47/0.55) 38/26	
33 344 38 38 38 38 38 38 38 38 38 38 38 38 38	Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability	Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL)		mph (km/h) ft/min (m/sec) %	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 124/77 (0.63/0.39) 100/112 (91/106 (0 93/108 (0 35/24 12/8	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57) 0.46/0.54) 0.47/0.55) 38/26 13/9	
33 344 38 38 38 38 38 38 38 38 38 38 38 38 38	Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull	Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 5 minute rating (NL/RL)	IL/RL)	mph (km/h) ft/min (m/sec) % LBF	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 124/77 (0.63/0.39) 100/112 (91/106 (0 93/108 (0 35/24 12/8 4248/4148 1287/1257	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57) 0.46/0.54) 0.47/0.55) 38/26 13/9 4588/4480	
34 34 35 36 36 36 36 36 36 36 36 36 36 36 36 36	Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull	Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL)	rking)	mph (km/h) ft/min (m/sec) % LBF	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 124/77 (0.63/0.39) 100/112 (91/106 (0 93/108 (0 35/24 12/8 4248/4148 1287/1257 Hydraulic/	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57) 0.46/0.54) 0.47/0.55) 38/26 13/9 4588/4480 1390/1357	
34 34 35 36 36 36 36 36 36 36 36 36 36 36 36 36	Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake	Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 5 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pal	rking)	mph (km/h) ft/min (m/sec) % LBF	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 124/77 (0.63/0.39) 100/112 (91/106 (0 93/108 (0 35/24 12/8 4248/4148 1287/1257 Hydraulic/	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57) 0.46/0.54) 0.47/0.55) 38/26 13/9 4588/4480 1390/1357 mechanical	
335 36 36 37 38 38 40 40	Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake Battery Traction motors (dual)	Static with max. wt. battery (N Static with max. wt. battery (N Static with max. wt. battery (N NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg LFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 5 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pat Method of operation (service/pat NL/RL)	rking)	Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 124/77 (0.63/0.39) 100/112 (91/106 (0 93/108 (0 35/24 12/8 4248/4148 1287/1257 Hydraulic/	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57) 0.46/0.54) 0.47/0.55) 38/26 13/9 4588/4480 1390/1357 mechanical tomatic	
335 36 36 37 38 38 40 40	Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor	Static with max. wt. battery (N Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) Method of control (service/path) Method of operation (service/path) Type 60 minute rating (each) 15 minute rating	rking)	Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) % LBF LBF	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 100/112 (91/106 (0 93/108 (0 35/24 12/8 4248/4148 1287/1257 Hydraulic/r Foot/au Lead acid Thin Plate Po	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57) 0.46/0.54) 0.47/0.55) 38/26 13/9 4588/4480 1390/1357 mechanical tomatic ure Lead* Lithium-ion* 13.4 (10) 32.2 (24)	
335 36 37 37 37 37 37 37 37 37 37 37 37 37 37	Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors	Static with max. wt. battery (N Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/path Method of operation (service/pat	rking)	Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 100/112 (91/106 (0 93/108 (0 35/24 12/8 4248/4148 1287/1257 Hydraulic/r Foot/au Lead acid Thin Plate Po	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57) 0.46/0.54) 0.47/0.55) 38/26 13/9 4588/4480 1390/1357 mechanical tomatic ure Lead* Lithium-ion* 13.4 (10)	
335 36 37 37 37 37 37 37 37 37 37 37 37 37 37	Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors	Static with max. wt. battery (N Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) Method of control (service/path) Method of operation (service/path) Type 60 minute rating (each) 15 minute rating	rking)	Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 100/112 (91/106 (0 93/108 (0 35/24 12/8 4248/4148 1287/1257 Hydraulic/r Foot/au Lead acid Thin Plate Po	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57) 0.46/0.54) 0.47/0.55) 38/26 13/9 4588/4480 1390/1357 mechanical tomatic ure Lead* Lithium-ion* 13.4 (10) 32.2 (24)	
335 36 37 37 37 37 37 37 37 37 37 37 37 37 37	Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor	Static with max. wt. battery (N Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/path Method of operation (service/pat	rking)	Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 100/112 (91/106 (0 93/108 (0 35/24 12/8 4248/4148 1287/1257 Hydraulic/r Foot/au Lead acid Thin Plate Pool 13.4 (10) 21.5 (16) Dual AC/r	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57) 0.46/0.54) 0.47/0.55) 38/26 13/9 4588/4480 1390/1357 mechanical tomatic ure Lead* Lithium-ion* 13.4 (10) 32.2 (24) transistor	
335 36 37 37 37 37 37 37 37 37 37 37 37 37 37	Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds	Static with max. wt. battery (N Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) Method of control (service/path) Method of operation (service/path) Type 60 minute rating (each) 15 minute rating Type/control method Type/control method	rking)	Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 100/112 (91/106 (0 93/108 (0 35/24 12/8 4248/4148 1287/1257 Hydraulic/r Foot/au Lead acid Thin Plate Pool 13.4 (10) 21.5 (16) Dual AC/r AC/tra	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57) 0.46/0.54) 0.47/0.55) 38/26 13/9 4588/4480 1390/1357 mechanical tomatic ure Lead* Lithium-ion* 13.4 (10) 32.2 (24) transistor	
333434446 HECLKIC 4154 ALT 4155 ALT 415	Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height	Static with max. wt. battery (N Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) Method of control (service/path) Method of operation (service/path) Type 60 minute rating (each) 15 minute rating Type/control method Type/control method	rking)	Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF hp (kW) hp (kW)	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 100/112 (91/106 (0 93/108 (0 35/24 12/8 4248/4148 1287/1257 Hydraulic/r Foot/au Lead acid Thin Plate Pool 13.4 (10) 21.5 (16) Dual AC/AC/tra Infinitely variable 18.7	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57) 0.46/0.54) 0.47/0.55) 38/26 13/9 4588/4480 1390/1357 mechanical tomatic ure Lead* Lithium-ion* 13.4 (10) 32.2 (24) transistor nsistor /infinitely variable	
335 36 36 37 37 37 37 37 37 37 37 37 37 37 37 37	Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Cradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height Floor height Attachment relief pressure	Static with max. wt. battery (N Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) Method of control (service/particle) Method of operation (service/particle) Type 60 minute rating (pach) 15 minute rating Type/control method Type/control method Traction/pump Without/with battery rollers	rking)	Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF hp (kW) hp (kW)	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 100/112 (91/106 (0 93/108 (0 35/24 12/8 4248/4148 1287/1257 Hydraulic/r Foot/au Lead acid Thin Plate Pool 13.4 (10) 21.5 (16) Dual AC/AC/tra Infinitely variable 18.7 27.8/31.9	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57) 0.46/0.54) 0.47/0.55) 38/26 13/9 4588/4480 1390/1357 mechanical tomatic ure Lead* Lithium-ion* 13.4 (10) 32.2 (24) transistor nsistor /infinitely variable (475)	
335 36 36 37 37 37 37 37 37 37 37 37 37 37 37 37	Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Cradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height Floor height Attachment relief pressure Auxiliary oil flow	Static with max. wt. battery (N Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/particle) Method of operation (service/particle) Type 60 minute rating Type/control method Type/control method Traction/pump Without/with battery rollers	rking)	Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) % LBF LBF hp (kW) hp (kW) in (mm) in (mm) psi (bar) gal/min (l/min)	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 100/112 (91/106 (0 93/108 (0 35/24 12/8 4248/4148 1287/1257 Hydraulic/r Foot/au Lead acid Thin Plate Policy 13.4 (10) 21.5 (16) Dual AC/AC/tra Infinitely variable 18.7 27.8/31.9 2250	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57) 0.46/0.54) 0.47/0.55) 38/26 13/9 4588/4480 1390/1357 mechanical tomatic ure Lead* Lithium-ion* 13.4 (10) 32.2 (24) transistor nsistor /infinitely variable (475) (706/810) (155) (40)	
335 36 36 37 37 37 37 37 37 37 37 37 37 37 37 37	Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Cradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height Floor height Attachment relief pressure Auxiliary oil flow	Static with max. wt. battery (N Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) Method of control (service/particle) Method of operation (service/particle) Type 60 minute rating (pach) 15 minute rating Type/control method Type/control method Traction/pump Without/with battery rollers	rking)	Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF hp (kW) hp (kW) in (mm) in (mm) psi (bar)	5681/13834 (2577/6275) 5130/1980 (2327/898) STANDARD PERFORMANCE 11.2/11.2 (18/18) 124/75 (0.63/0.38) 124/77 (0.63/0.39) 100/112 (91/106 (0 93/108 (0 35/24 12/8 4248/4148 1287/1257 Hydraulic/r Foot/au Lead acid Thin Plate Pool 13.4 (10) 21.5 (16) Dual AC/AC/tra Infinitely variable 18.7 27.8/31.9 2250	6563/14061 (2977/6378) 5844/2954 (2651/1340) POWERPLUS PERFORMANCE 13/13 (21/21) 142/96 (0.72/0.49) 130/93 (0.66/0.47) 134/94 (0.68/0.48) 0.51/0.57) 0.46/0.54) 0.47/0.55) 38/26 13/9 4588/4480 1390/1357 mechanical tomatic ure Lead* Lithium-ion* 13.4 (10) 32.2 (24) transistor nsistor /infinitely variable (475) (706/810) (155)	

^{*} 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.

J60XN SPECIFICATIONS

	1	Manufacturer				Hyster c		
4	2	Model designation				J060		
GENERAL	3	Power/voltage				Electric/		
Ä	4	Operation				S	it	
U	5	Rated capacity			lb (kg)	6000 (2722)	
	6	Load center			in (mm)	24 (6	310)	
	7	Tire type (std/opt)				Pneumatic/pneum	natic shaped solid	
ES	8	Tire size (drive/steer)			in	23 x 10 - 12	2/18 x 7 - 8	
TIRES	9	Wheels - number x=driven (drive/s	teer)		front/rear	2x	/2	
	10	Tread	Ctr. of tires	Std dr/wide dr/steer	in (mm)	36.9/41.5/39.1 ((938/1054/992)	
	11	Mast tilt	Std opt opt	'	degrees	5f/5b 10f/		
	12	Mast - lowered height	Std mast		in (mm)	87 (2		
	13	Free lift - top of fork	Std 2-stg limited free lift mas	t	in (mm)	5 (1	,	
			Opt 2-stg full free lift mast wi		in (mm)	37/60 (95	•	
	14	Lift height - top of fork	Std 2-stg limited free lift mas		in (mm)	126 (3		
	15	Mast - extended height	Std mast with/without LBR		in (mm)	175/153 (4	,	
	16	Overhead guard height	Without/with battery rollers		, ,	86.3/90.4 (2		
	17			Ctd/cuon/ourival	in (mm)	,	,	
	18	Sip to bottom of OHG	Seat depressed	Std/susp/swivel	in (mm)	38.8/39.4/38.9 (
	_	Tow pin height	Vertical center of pin	0446	in (mm)	10.3 (. ,	
NS	19	Overall width	Pneumatic tires PSS tires	Std/wide tread	in (mm)	46.9/51.5 (*	,	
SIO	- 00	5.1		Std/wide tread	in (mm)	46.2/50.7 (*	·	
DIMENSIONS	20	Forks	Thickness x width x length		in (mm)	2 x 4.9 x 42 (50		
	21	Standard carriage width			in (mm)	42 (1	•	
	22	Floor to bottom of battery (vertical/	· '		in (mm)	5.7 (145)/10.2		
	23	Ground clearance	Lowest point (NL/RL)		in (mm)	3.9/3.3	. ,	
	24	Ground clearance	Center of truck (NL/RL)		in (mm)	5.4/5.3 (1	137/134)	
	25	Load distance	Center of wheel to face of for	ks	in (mm)	16.4 ((416)	
				Nominal	SIZE	3	4	
	27	Length to face of forks	Chassis length		in (mm)	97 (2465)		
	28	Wheelbase			in (mm)	68.9 (1750)	
	29	Right angle stack			in (mm)	146.7 ((3727)	
	30	Equal aisle	90° intersecting aisle		in (mm)	80.5 (2045)	
	31	Outside turning radius			in (mm)	81.6 (2073)	
	32	Truck weight	Without battery (NL)		lb (kg)	7143 (3240)	
W.	33	Axle loading - drive	Static with max. wt. battery (I	NL/RL)	lb (kg)	6228/14919	(2825/6767)	
	34	Axle loading - steer	Static with max. wt. battery (I	NL/RL)	lb (kg)	5838/2648 (2648/1201)	
						STANDARD PERFORMANCE	POWERPLUS PERFORMANCE	
	35	Travel speed	(NL/RL)		mph (km/h)	11.2/10.6 (18/17)	13/12.1 (21/19.5)	
	36	Lift speed	Std 2-stg LFL mast (NL/RL)		ft/min (m/sec)	116/65 (0.59/0.33)	124/83 (0.63/0.42)	
			Opt 2-stg FFL mast (NL/RL)		ft/min (m/sec)	108/65 (0.55/0.33)	116/81 (0.59/0.41)	
			Opt 3-stg FFL mast (NL/RL)		ft/min (m/sec)	112/65 (0.57/0.33)	118/81 (0.6/0.41)	
끙	37	Lower speed	Std 2-stg LFL mast (NL/RL)		ft/min (m/sec)		. ,	
¥			, ,			91/110 (0.46/0.56)		
ORMANCE	\vdash				ft/min (m/sec)	73/102 (0	37/0.52)	
			Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL)		ft/min (m/sec)	73/102 (0 79/104 (0		
	38	Gradability	Opt 3-stg FFL mast (NL/RL)		ft/min (m/sec)	79/104 (0	0.4/0.53)	
PERF	38	Gradability	Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL)		ft/min (m/sec)	79/104 (0 34/22	0.4/0.53) 37/24	
		·	Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL)		ft/min (m/sec) % %	79/104 (0 34/22 11/7	0.4/0.53) 37/24 12/8	
	38	Gradability Drawbar pull	Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL)		ft/min (m/sec) % % LBF	79/104 ((34/22 11/7 4146/4037	37/24 12/8 4477/4360	
	39	Drawbar pull	Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL)	orking)	ft/min (m/sec) % %	79/104 ((34/22 11/7 4146/4037 1256/1223	37/24 12/8 4477/4360 1357/1321	
		·	Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa		ft/min (m/sec) % % LBF	79/104 ((34/22 11/7 4146/4037 1256/1223 Hydraulic/r	37/24 12/8 4477/4360 1357/1321	
	39 40	Drawbar pull Brake	Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa		ft/min (m/sec) % % LBF	79/104 (0 34/22 11/7 4146/4037 1256/1223 Hydraulic/r Foot/au	0.4/0.53) 37/24 12/8 4477/4360 1357/1321 nechanical tomatic	
	39 40 41	Drawbar pull Brake Battery	Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service Type		ft/min (m/sec) % % LBF LBF	79/104 (0 34/22 11/7 4146/4037 1256/1223 Hydraulic/r Foot/au Lead acid Thin Plate Pu	0.4/0.53) 37/24 12/8 4477/4360 1357/1321 nechanical tomatic tre Lead* Lithium-ion*	
PERF	39 40 41 42	Drawbar pull Brake Battery Traction motors (dual)	Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service Type 60 minute rating (each)		ft/min (m/sec) % % LBF LBF	79/104 (0 34/22 11/7 4146/4037 1256/1223 Hydraulic/r Foot/au Lead acid Thin Plate Pu 13.4 (10)	0.4/0.53) 37/24 12/8 4477/4360 1357/1321 nechanical tomatic tre Lead* Lithium-ion* 13.4 (10)	
PERF	39 40 41 42 43	Drawbar pull Brake Battery Traction motors (dual) Pump motor	Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service Type 60 minute rating (each) 15 minute rating		ft/min (m/sec) % % LBF LBF	79/104 (0 34/22 11/7 4146/4037 1256/1223 Hydraulic/r Foot/au Lead acid Thin Plate Pu 13.4 (10) 21.5 (16)	37/24 12/8 4477/4360 1357/1321 nechanical tomatic tre Lead* Lithium-ion* 13.4 (10) 32.2 (24)	
	39 40 41 42 43 44	Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors	Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service Type 60 minute rating (each) 15 minute rating Type/control method		ft/min (m/sec) % % LBF LBF	79/104 (0 34/22 11/7 4146/4037 1256/1223 Hydraulic/n Foot/au Lead acid Thin Plate Pu 13.4 (10) 21.5 (16)	0.4/0.53) 37/24 12/8 4477/4360 1357/1321 nechanical tomatic tre Lead* Lithium-ion* 13.4 (10) 32.2 (24) ransistor	
PERF	39 40 41 42 43 44 45	Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor	Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service Type 60 minute rating (each) 15 minute rating Type/control method Type/control method		ft/min (m/sec) % % LBF LBF	79/104 (0 34/22 11/7 4146/4037 1256/1223 Hydraulic/n Foot/au Lead acid Thin Plate Pu 13.4 (10) 21.5 (16) Dual AC/ta	0.4/0.53) 37/24 12/8 4477/4360 1357/1321 nechanical tomatic tre Lead* Lithium-ion* 13.4 (10) 32.2 (24) ransistor	
PERF	39 40 41 42 43 44 45 46	Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds	Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service Type 60 minute rating (each) 15 minute rating Type/control method		ft/min (m/sec) % % LBF LBF hp (kw) hp (kw)	79/104 (0 34/22 11/7 4146/4037 1256/1223 Hydraulic/n Foot/au Lead acid Thin Plate Pu 13.4 (10) 21.5 (16) Dual AC/t AC/trar Infinitely variable/	37/24 12/8 4477/4360 1357/1321 nechanical tomatic tre Lead* Lithium-ion* 13.4 (10) 32.2 (24) ransistor infinitely variable	
PERF	39 40 41 42 43 44 45 46	Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height	Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service Type 60 minute rating (each) 15 minute rating Type/control method Type/control method Traction/pump		ft/min (m/sec) % % LBF LBF hp (kw) hp (kw) in (mm)	79/104 (t 34/22 11/7 4146/4037 1256/1223 Hydraulic/r Foot/au Lead acid Thin Plate Pu 13.4 (10) 21.5 (16) Dual AC/t AC/trar Infinitely variable/	37/24 12/8 4477/4360 1357/1321 nechanical tomatic tre Lead* Lithium-ion* 13.4 (10) 32.2 (24) ransistor infinitely variable (475)	
ELECTRIC PERF	39 40 41 42 43 44 45 46	Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height Floor height	Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service Type 60 minute rating (each) 15 minute rating Type/control method Type/control method		ft/min (m/sec) % % LBF LBF hp (kw) hp (kw)	79/104 (0 34/22 11/7 4146/4037 1256/1223 Hydraulic/n Foot/au Lead acid Thin Plate Pu 13.4 (10) 21.5 (16) Dual AC/t AC/trar Infinitely variable/	37/24 12/8 4477/4360 1357/1321 nechanical tomatic tre Lead* Lithium-ion* 13.4 (10) 32.2 (24) ransistor infinitely variable (475)	
ELECTRIC PERF	39 40 41 42 43 44 45 46	Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height	Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service Type 60 minute rating (each) 15 minute rating Type/control method Type/control method Traction/pump		ft/min (m/sec) % % LBF LBF hp (kw) hp (kw) in (mm)	79/104 (t 34/22 11/7 4146/4037 1256/1223 Hydraulic/r Foot/au Lead acid Thin Plate Pu 13.4 (10) 21.5 (16) Dual AC/t AC/trar Infinitely variable/	37/24 12/8 4477/4360 1357/1321 nechanical tomatic tre Lead* Lithium-ion* 13.4 (10) 32.2 (24) ransistor infinitely variable (475) (706/810)	
PERF	39 40 41 42 43 44 45 46 47	Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height Floor height	Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service Type 60 minute rating (each) 15 minute rating Type/control method Type/control method Traction/pump		ft/min (m/sec) % % LBF LBF hp (kw) hp (kw) in (mm) in (mm)	79/104 (t 34/22 11/7 4146/4037 1256/1223 Hydraulic/n Foot/aut Lead acid Thin Plate Pu 13.4 (10) 21.5 (16) Dual AC/t AC/trar Infinitely variable/ 18.7 (27.8/31.9	37/24 12/8 4477/4360 1357/1321 nechanical tomatic tre Lead* Lithium-ion* 13.4 (10) 32.2 (24) ransistor infinitely variable (475) (706/810) (155)	

^{*} 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.

J70XN SPECIFICATIONS

	1	Manufacturer				Hyster (Company	
	2	Model designation				J7(0XN	
GENERAL	3	Power/voltage				Electric	/80 Volts	
Ä	4	Operation				5	Sit	
	5	Rated capacity			lb (kg)	7000	(3175)	
	6	Load center			in (mm)	24 ((610)	
	7	Tire type (std/opt)				Pneumatic/pneur	matic shaped solid	
TIRES	8	Tire size (drive/steer)			in	23 x 10 - 1	2/18 x 7 - 8	
Ë	9	Wheels – number x=driven (drive/s	teer)	_	front/rear	2:	x/2	
	10	Tread	Ctr. of tires	Std dr/wide dr/steer	in (mm)	36.9/41.5/39.1	(938/1054/992)	
	11	Mast tilt	Std opt opt		degrees	5F/5B 10F	F/5B 5F/6B	
	12	Mast - lowered height	Std mast		in (mm)	87 (2	2192)	
	13	Free lift - top of fork	Std 2-stg limited free lift mast	t	in (mm)	5 (1	140)	
			Opt 2-stg full free lift mast wit		in (mm)		957/1540)	
	14	Lift height - top of fork	Std 2-stg limited free lift mast	t	in (mm)	126 ((3209)	
	15	Mast - extended height	Std mast with/without LBR		in (mm)	175/153 (4	4444/3861)	
	16	Overhead guard height	Without/with battery rollers	1	in (mm)		(2193/2297)	
	17	Sip to bottom of OHG	Seat depressed	Std/susp/swivel	in (mm)		(986/1001/989)	
	18	Tow pin height	Vertical center of pin		in (mm)		(262)	
S	19	Overall width	Pneumatic tires	Std/wide tread	in (mm)	· ·	(1192/1308)	
108			PSS tires	Std/wide tread	in (mm)	,	(1173/1289)	
DIMENSIONS	20	Forks	Thickness x width x length		in (mm)		0 x 125 x 1067)	
	21	Standard carriage width			in (mm)	,	1067)	
	22	Floor to bottom of battery (vertical	·		in (mm)		2 (259/9.9 (252)	
	23	Ground clearance	Lowest point (NL/RL)		in (mm)		(107(400)	
	24	Ground clearance	Center of truck (NL/RL)		in (mm)		(137/132)	
	25	Load distance	Center of wheel to face of for	1	in (mm)		(416)	
	27	Length to face of forks	Changia langth	Nominal	SIZE	34 100.5 (2555)		
	28	Wheelbase	Chassis length		in (mm) in (mm)	68.9 (1750)		
	29	Right angle stack			in (mm)		(3793)	
	30	Equal aisle	90° intersecting aisle		in (mm)		(2074)	
	- OU	Equal aloic	Jo interscenting disic		"" (""")	01.7	(2017)	
	31	Outside turning radius			in (mm)	84.2		
	31 32	Outside turning radius Truck weight	Without battery (NL)		in (mm)		(2139)	
Ę.	32	Truck weight	Without battery (NL) Static with max, wt. battery (N	JL/RL)	lb (kg)	8001	(2139) (3629)	
WT.	_	Truck weight Axle loading - drive	Static with max. wt. battery (N	•	lb (kg)	8001 6177/17275	(2139) (3629) (2802/7836)	
WT.	32 33	Truck weight		•	lb (kg)	8001 <mark>6177/17275</mark> 6744/2648	(2139) (3629)	
WT.	32 33	Truck weight Axle loading - drive	Static with max. wt. battery (N	•	lb (kg)	8001 <mark>6177/17275</mark> 6744/2648	(2139) (3629) (2802/7836) (3059/1201)	
.TW	32 33 34	Truck weight Axle loading - drive Axle loading - steer	Static with max. wt. battery (N	•	Ib (kg) Ib (kg) Ib (kg)	8001 6177/17275 6744/2648 Standard Performance	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE	
WT.	32 33 34 35	Truck weight Axle loading - drive Axle loading - steer Travel speed	Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL)	•	Ib (kg) Ib (kg) Ib (kg) mph (km/h)	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16)	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18)	
	32 33 34 35	Truck weight Axle loading - drive Axle loading - steer Travel speed	Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL)	•	Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec)	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31)	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37)	
	32 33 34 35	Truck weight Axle loading - drive Axle loading - steer Travel speed	Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL)	•	Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec)	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31)	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37)	
	32 33 34 35 36	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed	Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL)	•	mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec)	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.57/0.31)	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.5/0.37)	
ORMANCE	32 33 34 35 36 37	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed	Static with max. wt. battery (N Static with max. wt. battery (N (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL)	•	Ib (kg) Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec)	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.57/0.31)	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37) 118/73 (0.6/0.37) 0.46/0.58)	
ORMANCE	32 33 34 35 36	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed	Static with max. wt. battery (N Static with max. wt. battery (N NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL)	•	Ib (kg) Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec)	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.57/0.31) 73/106 (0.57/0.31)	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37) 118/73 (0.6/0.37) 0.46/0.58) 0.37/0.54) (0.4/0.56)	
	32 33 34 35 36 37 37	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability	Static with max. wt. battery (N Static with max. wt. battery (N NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL)	•	Ib (kg) Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) %	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.57/0.31) 73/106 (0.57/0.31)	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37) 0.46/0.58) 0.37/0.54) (0.4/0.56) 35/22 11/7	
ORMANCE	32 33 34 35 36 37	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed	Static with max. wt. battery (N Static with max. wt. battery (N NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 5 minute rating (NL/RL) 5 minute rating (NL/RL)	•	Ib (kg) Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.57/0.31) 32/20 10/6 4243/4064	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37) 0.46/0.58) 0.37/0.54) (0.4/0.56) 35/22 11/7 4583/4389	
ORMANCE	32 33 34 35 36 37 38 38	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull	Static with max. wt. battery (N Static with max. wt. battery (N Static with max. wt. battery (N Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 60 minute rating (NL/RL)	IL/RL)	Ib (kg) Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) %	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.57/0.31) 91/114 (0.57/0.31) 32/20 10/6 4243/4064 1286/1232	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37) 0.46/0.58) 0.37/0.54) (0.4/0.56) 35/22 11/7 4583/4389 1389/1330	
ORMANCE	32 33 34 35 36 37 37	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability	Static with max. wt. battery (N Static with max. wt. battery (N Static with max. wt. battery (N NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa	rking)	Ib (kg) Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.57/0.31) 32/20 10/6 4243/4064 1286/1232 Hydraulic/	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37) 0.46/0.58) 0.37/0.54) (0.4/0.56) 35/22 11/7 4583/4389 1389/1330 mechanical	
ORMANCE	32 33 34 35 36 37 38 38 40	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake	Static with max. wt. battery (N L/RL) Std 2-stg LFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 5 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service/pa	rking)	Ib (kg) Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.57/0.31) 32/20 10/6 4243/4064 1286/1232 Hydraulic/ Foot/au	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37) 0.46/0.58) 0.37/0.54) (0.4/0.56) 35/22 11/7 4583/4389 1389/1330 mechanical utomatic	
ORMANCE	32 33 34 35 36 37 38 38 40	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake Battery	Static with max. wt. battery (N Static with max. wt. battery (N Static with max. wt. battery (N Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service/	rking)	Ib (kg) Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.57/0.31) 32/20 10/6 4243/4064 1286/1232 Hydraulic/ Foot/au Lead acid Thin Plate P	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37) 0.46/0.58) 0.37/0.54) (0.4/0.56) 35/22 11/7 4583/4389 1389/1330 mechanical utomatic ure Lead* Lithium-ion*	
PERFORMANCE	32 33 34 35 36 37 37 38 38 40 41 41	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake Battery Traction motors (dual)	Static with max. wt. battery (N Static with max. wt. battery (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service/Type 60 minute rating (each)	rking)	Ib (kg) Ib (kg) Ib (kg) Ib (kg) Ib (kg) Imph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.57/0.31) 32/20 10/6 4243/4064 1286/1232 Hydraulic/ Foot/au Lead acid Thin Plate Pool	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37) 0.46/0.58) 0.37/0.54) (0.4/0.56) 35/22 11/7 4583/4389 1389/1330 mechanical utomatic ure Lead* Lithium-ion* 13.4 (10)	
PERFORMANCE	32 33 34 35 36 37 38 38 40 41 42 43	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor	Static with max. wt. battery (N Static with max. wt. battery (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) Method of control (service/pa Method of operation (service/Type 60 minute rating (each) 15 minute rating	rking)	Ib (kg) Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.57/0.31) 91/110 (0.57/0.31) 4243/4064 1286/1232 Hydraulic/ Foot/au Lead acid Thin Plate Pool 13.4 (10) 21.5 (16)	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37) 0.46/0.58) 0.37/0.54) (0.4/0.56) 35/22 11/7 4583/4389 1389/1330 mechanical utomatic ure Lead* Lithium-ion* 13.4 (10) 32.2 (24)	
ORMANCE	32 33 34 35 36 37 37 38 39 40 41 42 43 44	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors	Static with max. wt. battery (N Static with max. wt. battery (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service/Type 60 minute rating (each) 15 minute rating Type/control method	rking)	Ib (kg) Ib (kg) Ib (kg) Ib (kg) Ib (kg) Imph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.73/106 (0.79/110 (0.32/20) 10/6 4243/4064 1286/1232 Hydraulic/ Foot/au Lead acid Thin Plate Pool (18/16) 13.4 (10) 21.5 (16) Dual AC/	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37) 0.46/0.58) 0.37/0.54) (0.4/0.56) 35/22 11/7 4583/4389 1389/1330 mechanical utomatic ure Lead* Lithium-ion* 13.4 (10) 32.2 (24) 'transistor	
PERFORMANCE	32 33 34 35 36 37 38 38 40 41 42 43 44 45	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor	Static with max. wt. battery (N L/RL) Std 2-stg LFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service/Type 60 minute rating (Nach) 15 minute rating Type/control method Type/control method	rking)	Ib (kg) Ib (kg) Ib (kg) Ib (kg) Ib (kg) Imph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.73/106 (0.79/110 (0.32/20) 10/6 4243/4064 1286/1232 Hydraulic/ Foot/au Lead acid Thin Plate Pool (1.5) 13.4 (10) 21.5 (16) Dual AC/ AC/tra	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37) 0.46/0.58) 0.37/0.54) (0.4/0.56) 35/22 11/7 4583/4389 1389/1330 mechanical utomatic ure Lead* Lithium-ion* 13.4 (10) 32.2 (24) 'transistor	
PERFORMANCE	32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds	Static with max. wt. battery (N Static with max. wt. battery (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 2-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service/Type 60 minute rating (each) 15 minute rating Type/control method	rking)	Ib (kg) Ib (kg) Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF hp (kW) hp (kW)	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.73/106 (0.79/110 (0.32/20) 10/6 4243/4064 1286/1232 Hydraulic/ Foot/au Lead acid Thin Plate Pool (1.5 (16)) 21.5 (16) Dual AC/ AC/tra	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37) 0.46/0.58) 0.37/0.54) (0.4/0.56) 35/22 11/7 4583/4389 1389/1330 mechanical utomatic ure Lead* Lithium-ion* 13.4 (10) 32.2 (24) transistor unsistor	
ELECTRIC PERFORMANCE	32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height	Static with max. wt. battery (N L/RL) Std 2-stg LFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service/Type 60 minute rating (NL/RL) 15 minute rating (mach) 15 minute rating Type/control method Type/control method Traction/pump	rking)	Ib (kg) Ib (kg) Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF hp (kW) hp (kW) in (mm)	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.73/106 (0.79/110 (0.32/20) 10/6 4243/4064 1286/1232 Hydraulic/ Foot/au Lead acid Thin Plate Pool 13.4 (10) 21.5 (16) Dual AC/ AC/tra Infinitely variable	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37) 118/73 (0.6/0.37) 0.46/0.58) 0.37/0.54) (0.4/0.56) 35/22 11/7 4583/4389 1389/1330 mechanical utomatic ure Lead* Lithium-ion* 13.4 (10) 32.2 (24) //transistor unsistor unsistor unsistor unsistor unsistor unsistor	
ELECTRIC PERFORMANCE	32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height Floor height	Static with max. wt. battery (N L/RL) Std 2-stg LFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service/Type 60 minute rating (Nach) 15 minute rating Type/control method Type/control method	rking)	Ib (kg) Ib (kg) Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF hp (kW) hp (kW) in (mm) in (mm)	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.73/106 (0.79/110 (0.32/20) 10/6 4243/4064 1286/1232 Hydraulic/ Foot/au Lead acid Thin Plate Pool	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37) 118/73 (0.6/0.37) 0.46/0.58) 0.37/0.54) (0.4/0.56) 35/22 11/7 4583/4389 1389/1330 mechanical utomatic ure Lead* Lithium-ion* 13.4 (10) 32.2 (24) ttransistor unsistor unsistor unsistor unsistor unsistor	
PERFORMANCE	32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height Floor height Attachment relief pressure	Static with max. wt. battery (N Static with max. wt. battery (NL/RL) Std 2-stg LFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service/pa Method of operation (service/Type 60 minute rating Type/control method Type/control method Traction/pump Without/with battery rollers	rking)	Ib (kg) Ib (kg) Ib (kg) Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF hp (kW) hp (kW) in (mm) in (mm) psi (bar)	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.73/106 (0.79/110 (0.32/20) 10/6 4243/4064 1286/1232 Hydraulic/ Foot/au Lead acid Thin Plate Pool	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37) 118/73 (0.6/0.37) 0.46/0.58) 0.37/0.54) (0.4/0.56) 35/22 11/7 4583/4389 1389/1330 mechanical utomatic ure Lead* Lithium-ion* 13.4 (10) 32.2 (24) ttransistor unsistor unsistor unsistor unsistor unsistor unsistor unsistor	
ELECTRIC PERFORMANCE	32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	Truck weight Axle loading - drive Axle loading - steer Travel speed Lift speed Lower speed Gradability Drawbar pull Brake Battery Traction motors (dual) Pump motor Traction motors Pump motor Number of speeds Step height Floor height	Static with max. wt. battery (N L/RL) Std 2-stg LFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) Opt 3-stg FFL mast (NL/RL) 5 minute rating (NL/RL) 60 minute rating (NL/RL) 60 minute rating (NL/RL) Method of control (service/pa Method of operation (service/Type 60 minute rating (NL/RL) 15 minute rating (mach) 15 minute rating Type/control method Type/control method Traction/pump	rking)	Ib (kg) Ib (kg) Ib (kg) Ib (kg) Ib (kg) mph (km/h) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) ft/min (m/sec) % LBF LBF hp (kW) hp (kW) in (mm) in (mm)	8001 6177/17275 6744/2648 STANDARD PERFORMANCE 11.2/9.9 (18/16) 116/61 (0.59/0.31) 108/61 (0.55/0.31) 112/61 (0.57/0.31) 91/114 (0.73/106 (0.79/110 (0.32/20) 10/6 4243/4064 1286/1232 Hydraulic/ Foot/au Lead acid Thin Plate Pool	(2139) (3629) (2802/7836) (3059/1201) POWERPLUS PERFORMANCE 13/11.2 (21/18) 124/73 (0.63/0.37) 116/73 (0.59/0.37) 118/73 (0.6/0.37) 0.46/0.58) 0.37/0.54) (0.4/0.56) 35/22 11/7 4583/4389 1389/1330 mechanical utomatic ure Lead* Lithium-ion* 13.4 (10) 32.2 (24) ttransistor unsistor unsistor unsistor unsistor unsistor	

^{*} 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.

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	Truck weight		
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	J45XN	J45XN J50XN	
2-STAGE LIMITED	FREE-LIFT (LFL) VIST	A® MAST						
133 (3392)	87 (2192)	182 (4622)	156 (3956)	5 (140)	5 (140)	6305	6305	
141 (3592)	91 (2292)	190 (4822)	164 (4156)	5 (140)	5 (140)	6335	6335	
2-STAGE FULL FR	EE-LIFT (FFL) VISTA®	MAST						
133 (3402)	87 (2192)	183 (4632)	157 (3966)	37 (962)	64 (1628)	6350	6350	
141 (3602)	91 (2292)	191 (4832)	164 (4166)	41 (1062)	68 (1728)	6380	6380	
S-STAGE FULL FR	EE-LIFT (FFL) VISTA®	MAST						
183 (4650)	81 (2042)	232 (5880)	205 (5196)	32 (812)	58 (1496)	6645	6645	
189 (4800)	83 (2092)	238 (6030)	211 (5346)	33 (862)	60 (1546)	6665	6665	
194 (4950)	85 (2142)	244 (6180)	217 (5496)	35 (912)	62 (1596)	6690	6690	
200 (5100)	89 (2242)	250 (6330)	223 (5646)	39 (1012)	66 (1696)	6735	6735	
206 (5250)	91 (2292)	256 (6480)	229 (5796)	41 (1062)	68 (1746)	6765	6765	
212 (5400)	93 (2342)	261 (6630)	235 (5946)	43 (1112)	70 (1796)	6790	6790	

J60-70XN 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	Truck	weight
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	J60XN	J70XN
2-STAGE LIMITED F	REE-LIFT (LFL) VIST	A® MAST					
126 (3209)	87 (2192)	175 (4444)	152 (3861)	5 (150)	5 (150)	6655	7345
134 (3409)	91 (2292)	183 (4644)	160 (4061)	5 (150)	5 (150)	6690	7380
2-STAGE FULL FRE	E-LIFT (FFL) VISTA®	MAST					
126 (3210)	87 (2192)	175 (4445)	152 (3862)	37 (957)	60 (1540)	6700	7390
134 (3410)	91 (2292)	183 (4645)	160 (4062)	41 (1057)	64 (1640)	6730	7420
3-STAGE FULL FRE	E-LIFT (FFL) VISTA®	MAST					
181 (4618)	85 (2142)	231 (5853)	207 (5252)	35 (907)	59 (1508)	7030	7720
187 (4768)	89 (2242)	237 (6003)	213 (5402)	39 (1007)	63 (1608)	7085	7775
193 (4918)	91 (2292)	243 (6153)	219 (5552)	41 (1057)	65 (1658)	7105	7795
205 (5218)	95 (2392)	255 (6453)	231 (5852)	45 (1157)	69 (1758)	7160	7850
217 (5518)	101 (2542)	266 (6753)	243 (6152)	51 (1307)	75 (1908)	7340	8030

I	BATTERY AND COMPARTMENT SPECIFICATIONS													
		Compartment size			Battery specifications									
		Model		Compartment Size			Electrical			Size			Weight	
			W in (mm)	L in (mm)	H in (mm)	Volts	No. of cells	Plates per cell	Max Am Hr (kWh)	W max in (mm)	L max in (mm)	H max in (mm)	Min Ib (kg)	Max lb (kg)
	J45-50XN 28" compartment	Vertical extract	40.7 (1034)	28.2 (717)	31.2 (792)	80	40	9	1000 (77.6)	40.5 (1028)	28.0 (711)	30.9 (784)	3700 (1886)	4100 (1878)
2		Horizontal removal - roller	40.7 (1034)	28.2 (717)	31.1 (789)	80	40	9	1000 (77.6)	40.5 (1028)	28.0 (711)	30.8 (782)	3700 (1886)	4100 (1878)
		Horizontal removal - forklift	40.4 (1028)	28.0 (712)	31.3 (796)	80	40	9	1000 (77.6)	40.4 (1026)	27.8 (706)	31.0 (788)	3700 (1886)	4100 (1878)
	J50-70XN 34" compartment	Vertical Extract	40.7 (1034)	33.9 (861)	31.2 (792)	80	40	11	1000 (77.6)	40.5 (1028)	33.7 (855)	30.9 (784)	4500 (2021)	4900 (2233)
3		Horizontal removal - roller	40.7 (1034)	33.9 (861)	31.1 (789)	80	40	11	1000 (77.6)	40.5 (1028)	33.7 (855)	30.8 (782)	4500 (2021)	4900 (2233)
		Horizontal removal - forklift	40.4 (1028)	33.7 (856)	31.3 (796)	80	40	11	1000 (77.6)	40.4 (1026)	33.5 (850)	31.0 (788)	4500 (2021)	4900 (2233)

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: 80-volt - black (Anderson Power Products® SBE®320 P/N 6363G1 or REMA® SRE 320 P/N 78350-05)

Battery lead: Length 30"-05)
Battery lead: Length 30" (762 mm), position "A", 2/0 AWG
Battery notes - Rapid/Fast Charging (BARFBC)
Battery connector: Requires positive/negative cabling terminating in (1) female EBC-320 DIN connector

(Anderson Power Products® P/N E32503-00X9 or REMA® 95625-X1)

DIN connector to include 1 red conductor to (+) and 1 black conductor to (-) Battery lead: Length 36" (915 mm), position "A", minimum cable size 3/0 AWG
Battery notes - Premium, fully integrated "Quick Connect" Rapid/Fast Charging
Battery connector: Requires positive/negative cabling terminating in (1) Female EBC-320 DIN connector

(Anderson Power Products® P/N E32503-00X9 or REMA® 95625-X1) DIN connector to include 1 red conductor to (+) and 1 black conductor to (-) Battery lead: length 36" (915 mm), position "A", minimum cable size 3/0 AWG

J45-70XN FEATURES AND OPTIONS

PERFORMANCE	STD	OPT
80-volt electrical system	Х	
Standard performance	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	
PowerPlus performance		Х
Dual drive motors	Х	
Reverse Speed System		Х
DRIVE	STD	OPT
Pneumatic drive tire and steer tire	Х	
Solid pneumatic tires		Х
Wide tread tires		Х
LIFT	STD	OPT
2-stage limited free lift (LFL) VISTA mast with maximum fork height of 133" (3392 mm) (J45-50XN) or 126" (3209 mm) (J60-70XN)	х	
5° forward and 5° back mast tilt	Х	
Available with 2-stage limited free lift (LFL) and 2- or 3-stage full free lift (FFL) VISTA™ masts		Х
Mast tilt option – 10° forward/5° back		Х
Mast tilt option – 5° forward/6° back		Х
Return to set tilt		Х
Accumulator		Х
Load weight indicator		Х
Tilt cylinder boots		Х
HANDLING	STD	OPT
42" (1067mm) wide class II (J45-50XN) or class III (J60-70XN) hook-type carriage with 48" (1219mm) 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
12" steering wheel with integral spinner knob	Х	
Non-suspension vinyl seat	Х	
Black, non-cinch seat belt with Emergency Locking Retractor	Х	
MONOTROL® foot direction control	Х	
Power assist braking	Х	
Multifunction display Battery state of charge with low battery lift interrupt		
Hour meter Performance mode indicator	х	
Fault indicator (audible & visible)		
4 operator selectable, programmable performance modes	Х	
4 operator selectable, programmable performance modes Easy ingress/egress with low step height and contoured handhold		
	х	
Easy ingress/egress with low step height and contoured handhold	X X	
Easy ingress/egress with low step height and contoured handhold Operator convenience station - storage areas, beverage & clipboard holders		
Easy ingress/egress with low step height and contoured handhold Operator convenience station - storage areas, beverage & clipboard holders Adjustable tilt steering column with low profile cowl for excellent visibility	х	
Easy ingress/egress with low step height and contoured handhold Operator convenience station - storage areas, beverage & clipboard holders Adjustable tilt steering column with low profile cowl for excellent visibility Cushioned floormat	x x	x
Easy ingress/egress with low step height and contoured handhold Operator convenience station - storage areas, beverage & clipboard holders Adjustable tilt steering column with low profile cowl for excellent visibility Cushioned floormat Seatside power disconnect button	x x	x x
Easy ingress/egress with low step height and contoured handhold Operator convenience station - storage areas, beverage & clipboard holders Adjustable tilt steering column with low profile cowl for excellent visibility Cushioned floormat Seatside power disconnect button TouchPoint hydraulic mini-levers with fully adjustable armrest Non-suspension seat (cloth) Full suspension seat (vinyl or cloth)	x x	
Easy ingress/egress with low step height and contoured handhold Operator convenience station - storage areas, beverage & clipboard holders Adjustable tilt steering column with low profile cowl for excellent visibility Cushioned floormat Seatside power disconnect button TouchPoint hydraulic mini-levers with fully adjustable armrest Non-suspension seat (cloth)	x x	х
Easy ingress/egress with low step height and contoured handhold Operator convenience station - storage areas, beverage & clipboard holders Adjustable tilt steering column with low profile cowl for excellent visibility Cushioned floormat Seatside power disconnect button TouchPoint hydraulic mini-levers with fully adjustable armrest Non-suspension seat (cloth) Full suspension seat (vinyl or cloth)	x x	X X
Easy ingress/egress with low step height and contoured handhold Operator convenience station - storage areas, beverage & clipboard holders Adjustable tilt steering column with low profile cowl for excellent visibility Cushioned floormat Seatside power disconnect button TouchPoint hydraulic mini-levers with fully adjustable armrest Non-suspension seat (cloth) Full suspension seat (vinyl or cloth) Swivel seat, full suspension (vinyl or cloth)	x x	X X X
Easy ingress/egress with low step height and contoured handhold Operator convenience station - storage areas, beverage & clipboard holders Adjustable tilt steering column with low profile cowl for excellent visibility Cushioned floormat Seatside power disconnect button TouchPoint hydraulic mini-levers with fully adjustable armrest Non-suspension seat (cloth) Full suspension seat (vinyl or cloth) Swivel seat, full suspension (vinyl or cloth) Seat side directional control	x x	x x x
Easy ingress/egress with low step height and contoured handhold Operator convenience station - storage areas, beverage & clipboard holders Adjustable tilt steering column with low profile cowl for excellent visibility Cushioned floormat Seatside power disconnect button TouchPoint hydraulic mini-levers with fully adjustable armrest Non-suspension seat (cloth) Full suspension seat (vinyl or cloth) Swivel seat, full suspension (vinyl or cloth) Seat side directional control Telescopic steering column with tilt memory	x x	x x x x
Easy ingress/egress with low step height and contoured handhold Operator convenience station - storage areas, beverage & clipboard holders Adjustable tilt steering column with low profile cowl for excellent visibility Cushioned floormat Seatside power disconnect button TouchPoint hydraulic mini-levers with fully adjustable armrest Non-suspension seat (cloth) Full suspension seat (vinyl or cloth) Swivel seat, full suspension (vinyl or cloth) Seat side directional control Telescopic steering column with tilt memory Rear drive handle with integrated horn button	x x	x x x x x
Easy ingress/egress with low step height and contoured handhold Operator convenience station - storage areas, beverage & clipboard holders Adjustable tilt steering column with low profile cowl for excellent visibility Cushioned floormat Seatside power disconnect button TouchPoint hydraulic mini-levers with fully adjustable armrest Non-suspension seat (cloth) Full suspension seat (vinyl or cloth) Swivel seat, full suspension (vinyl or cloth) Seat side directional control Telescopic steering column with tilt memory Rear drive handle with integrated horn button Mirrors — rear view or panoramic	x x	x x x x x x x
Easy ingress/egress with low step height and contoured handhold Operator convenience station - storage areas, beverage & clipboard holders Adjustable tilt steering column with low profile cowl for excellent visibility Cushioned floormat Seatside power disconnect button TouchPoint hydraulic mini-levers with fully adjustable armrest Non-suspension seat (cloth) Full suspension seat (vinyl or cloth) Swivel seat, full suspension (vinyl or cloth) Seat side directional control Telescopic steering column with tilt memory Rear drive handle with integrated horn button Mirrors — rear view or panoramic Synchronous steering	x x	x x x x x x x

ERGONOMICS (continued)	STD	OPT
Low mount display	310	Х
Oil-cooled wet disc brakes	v	^
	X	
Auto Deceleration System with regenerative hypking	X	
Auto Deceleration System with regenerative braking	X	
Anti cinch operator restraint system	X	
Operator Presence System (OPS)	Х	
Full steel cab: includes front panel with wiper/washer, rear panel with wiper/ washer, steel doors, top panel with headliner and dome light		Х
Front and top cab panels: includes front panel with wiper/washer and top panel		х
Battery side covers	Х	,
OPERATION	STD	OPT
Battery compartment size: 28" (J45-50XN); 34" (J60-70XN)	Х	011
IP54 sealed drive axle/motors with belly pan and side shields	^	х
Lift out battery extraction	х	^
Standard construction	X	
Ul classification type "E"	X	
21		
Key switch start	Х	
86.3" grid style overhead guard Fully integrated CANbus communication	v	
, ,	X	
On-demand power steering	X	
Hyster Stability System (HSS)®	Х	
Static strap	Х	
Tow pin	Х	
Side extraction battery removal with rollers		X
Rapid/fast charge		X
UI classification type "EE"		Х
3 function hydraulic control valve with seat side mechanical levers	Х	
On-board software Program, test & diagnose	х	
Password protected		
"Zero turn" steer axle	Х	
34" battery compartment (J50XNL)		Х
4 function hydraulic control valve		Х
Keyless start (with auxiliary key switch)		Х
LED and halogen work light packages		Х
LED dome/reading light		Х
LED brake/tail/back-up light packages		Х
Audible reverse activated alarm		Х
Visible amber strobe light - continuous activated, overhead guard mounted		Х
Impact monitor		Х
Operator password		Х
Operator daily checklist		Х
System monitor – hydraulic low fluid level indicator and hydraulic filter service indicator		Х
Hydraulic attachment extension tubes with or without quick disconnect fittings		Х
Fire extinguisher – 2.5 lb dry chemical		Х
Hyster Reaction™		Х
Integrated rapid charge		Х
Front mud guards		Х
Electronic horn with integral relay (long life/no adjustments)	Х	
Outdoor protection/wash-down package		Х
SUPPLEMENTAL	STD	OPT
12 month/2,000 hour full truck warranty	Х	
36 month/6,000 hour powertrain warranty	Х	
Operating manual	Х	
ENERGY SYSTEM	STD	OPT
Lead acid	Х	
Hyster Power Cellect™		х



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