



J7.0-9.0XNL SERIES TECHNICAL GUIDE

MAST AND CAPACITY INFORMATION <

J7.OXNSL RATED CAPACITY KG@ 600 MM LOAD CENTRE

	Maximum	Back	Lowered	Extended	Free lift	1	8.25 x 15-14 Dual pneumatic drive tyres	}
	fork height	tilt	height	height	height	Carriage without sideshift (kg)	Carriage with sideshift (kg)	Carriage with ISS (kg)
	h ₃ + s (mm)	(°)	h ₁ (mm)	h ₄ (mm)	h ₂ + s (m) (2)	J7.0XNSL	J7.0XNSL	J7.0XNSL
	3000	10	2516	4417	100	7000	6830	6500
필요토	3400	10	2716	4817	100	7000	6810	6490
2-STAGE LIMITED FREE LIFT	4400	10	3216	5817	100	7000	6770	6450
# # # # # # # # # # # # # # # # # # #	5400	10	3716	6817	100	7000	6730	6420
	6000	10	4116	7417	100	6830	6530	6230
ᆲᅩᄩ	4700	6	2576	6118	100	7000	6510	6210
3-STAGE FULL FREE LIFT	5600	6	2876	7018	100	6920	6410	6120
₩ <u>.</u> E	6200	6	3126	7618	100	6750	6210	5930

J7.OXNSL9 RATED CAPACITY KG@ 900 MM LOAD CENTRE / J8.OXNSL/J9.OXNL RATED CAPACITY KG@ 600 MM LOAD CENTRE

	Maximum	Back	Lowered	Extended	Free lift				8.25 x 15-14 D	ual pneumat	ic drive tyre	s		
	fork height	tilt	height	height	height	Carriage	without side	shift (kg)	Carriag	e with sidesl	nift (kg)	Carr	age with ISS	(kg)
	h ₃ + s (mm)	(°)	h ₁ (mm)	h ₄ (mm)	h ₂ + s (m) (2)	J7.0XNSL9	J8.0XNSL	J9.0XNL	J7.0XNSL9	J8.0XNSL	J9.0XNL	J7.0XNSL9	J8.0XNSL	J9.0XNL
	3065	9	2712	4350	0	7000	8000	9000	6600	8000	8500	6560	8000	8460
필요발	3565	9	2962	4850	0	7000	8000	9000	6590	8000	8490	6550	8000	8440
2-STAGE LIMITED FREE LIFT	4565	9	3462	5850	0	7000	8000	9000	6570	8000	8470	6530	8000	8420
성글푼	5565	9	3962	6850	0	7000	8000	8700	6550	8000	8170	6510	8000	8130
	6065	9	4212	7350	0	6760	7730	8080	6320	7730	7580	6290	7730	7530
出。」上	4615	6	2702	6077	1565	7000	8000	9000	6580	8000	8500	6560	8000	8470
3-STAGE FULL FREE LIFT	5515	6	3002	7977	1865	7000	8000	8820	6560	8000	8310	6540	8000	8280
%_ E	5965	6	3152	7427	2015	6950	7940	8270	6510	7940	7780	6480	7940	7750

J8.OXNL9 RATED CAPACITY KG@ 900 MM LOAD CENTRE

	Maximum	Back	Lowered	Extended	Free lift	{	B.25 x 15-14 Dual pneumatic drive tyres	
	fork height	tilt	height	height	height	Carriage without sideshift (kg)	Carriage with sideshift (kg)	Carriage with ISS (kg)
	h ₃ + s (mm)	(°)	h ₁ (mm)	h ₄ (mm)	h ₂ + s (m) (2)	J8.0XN9	J8.0XN9	J8.0XN9
	3065	9	2712	4390	0	8000	7600	7580
병으로	3565	9	2962	4898	0	8000	7590	7560
2-STAGE LIMITED FREE LIFT	4565	9	3462	5898	0	8000	7550	7530
%를뿐	5565	9	3962	6898	0	7910	7440	7410
	6065	9	4212	7398	0	7760	7280	7260
ᆲ.별	4615	6	2712	6125	1405	8000	7570	7550
3-STAGE FULL FREE LIFT	5515	6	3012	7025	1705	7760	7320	7290
%_ <u>₹</u>	5965	6	3162	7475	1855	7630	7180	7150

NOTES:

Specifications are affected by the condition of the vehicle and how it is equipped, as well as the nature and condition of the operating area. Inform your dealer of the nature and condition of the intended operating area when purchasing your $\mathsf{Hyster}^{\texttt{@}}$ truck.

- (1) For STD 2LFL Mast Config.
- (2) W/o load backrest. (3) OHG Only, No Cab.
- Under Mast Channels.
- (5) Extended Shift Off (Max Performance)
- (6) 7@6, 7T@9 and 8T@6 Capacities shown w/ BTA
- (7) Nominal values
- (8) W/ cab values from 9T, W/o cab values from 7T
- (9) Includes 200mm aisle clearance

All capacities are according to EN1551.

Care must be exercised when handling elevated loads. Operators must be trained and must read, understand and follow the instructions contained in the Operating Manual.

All values are nominal values and they are subject to tolerances. For further information, please contact the manufacturer.

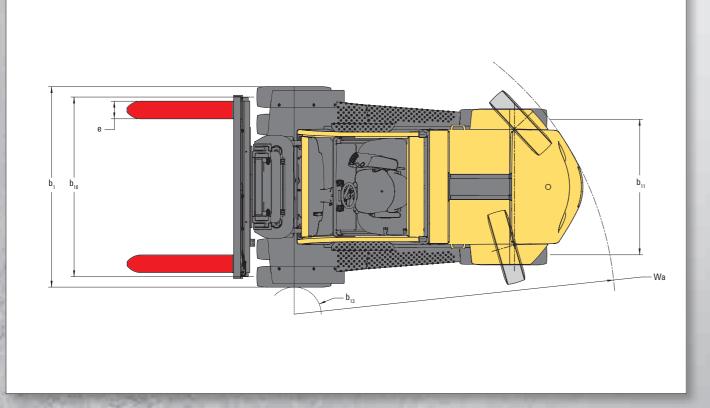
Hyster products are subject to change without notice.

Lift trucks illustrated may feature optional equipment. Values may vary with alternative configurations.

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.

NOTE: Specifications, unless otherwise listed, are for a standard truck without optional equipment.

Specification data is based on VDI 2198.



C C Safety: This truck conforms to the current EU and ANSI requirements.

> J7.0XNSL / J7.0XNSL9 SPECIFICATIONS

J8.OXNSL / J8.OXNL9 / J9.OXNL SPECIFICATIONS

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	1-1	Manufacturer			нус	STER	н	IYSTER	
	1-2	Model designation				XNSL		.0XNSL9	
	1-3	Powertrain / drivetrain				(batery)		ric (batery)	
la	1-4					**		Seated	
GENERAL	1-5	Operator type	Q	lea.		ated			
	1-6	Rated capacity / rated load Load centre distance		kg		000		7,000 900	
	1-8		С	mm		00			
	1-0	Load distance	X	mm		09		614	
		Wheelbase	У	mm		235		2,235	
톯	2-1	Service weight		kg		902		11,979	
WEIGHT	2-2	Axle loading with load, front / rear		kg	15,193	2,710	16,583	2,396	
Ĺ	2-3	Axle loading without load, front / rear		kg	4,406	6,496	4,843	7,136	
	3-1	Tyre type				matic		eumatic	
,	3-2	Tyre size, front				5 14PR		5x15 14PR	
WHEELS	3-3	Tyre size, rear				5 14PR		5x15 14PR	
	3-5	Wheels, number front / rear (x = driven wheels)			x4	2	x4	2	
	3-6	Tread, front	b ₁₀	mm		847		1,847	
_	3-7	Tread, rear	b ₁₁	mm		536		1,536	
	4-1	Mast tilt, forward / backward	α/β	deg	5°	10°	5°	9°	
	4-2	Height, mast lowered (1)	h ₁	mm		540		2,712	
	4-3	Free lift (1)	h ₂	mm		00		0	
	4-4	Lift (1)	h ₃	mm		940		3,000	
	4-5	Height, mast extended (2)	h ₄	mm		040		4,225	
	4-7	Height of overhead guard (3)	h ₆	mm		531		2,531	
	4-7-1	Height of cab	h ₆	mm		549		2,549	
	4-8	Seat height to SIP	h ₇	mm		547		1,547	
<u>~</u>	4-19	Overall length	l ₁	mm		695		4,770	
	4-20	Length to face of forks	l ₂	mm		1 704	3,570		
DIMENSIONS	4-21	Overall width	b ₁ /b ₂		2,082	1,784	2,082	1,784	
	4-22 4-23	Fork dimensions ISO 2331	s/e/l	mm		50 1,200 / A	6	200 1,200 IV A	
	4-23	Fork carriage type Fork carriage width (5)	b ₃	mm				2,030	
	4-24								
					1,9			-	
	4-31	Ground clearance, laden, below mast (4)	m ₁	mm	1	25		175	
	4-31 4-32	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase	m ₁	mm mm	1	25 46	1.00	175 246	
	4-31 4-32 4-33	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways	m ₁ m ₂ b ₁₂ /l ₆	mm mm mm	1 2 1 000	25 <mark>46</mark> x 1 200	1 00	175 246 00 x 1 200	
	4-31 4-32 4-33 4-34	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9)	m ₁ m ₂ b ₁₂ /l ₆ Ast	mm mm mm	1 2 1 000 4,i	25 46 x 1 200 889		175 246 00 x 1 200 4,959	
	4-31 4-32 4-33 4-34 4-34-2	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9)	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast	mm mm mm mm	1 2 1 000 4,i 5,i	25 46 x 1 200 889 089		175 246 00 x 1 200 4,959 5,159	
	4-31 4-32 4-33 4-34 4-34-2 4-35	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast W _a	mm mm mm mm mm	1 2 1 000 4,4 5,1	25 46 x 1 200 889 089		175 246 00 x 1 200 4,959 5,159 3,145	
	4-31 4-32 4-33 4-34 4-34-2	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6)	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast	mm mm mm mm mm mm	1 2 1 000 4,i 5,i 3,i	25 46 x 1 200 889 080		175 246 00 x 1 200 4,959 5,159	
	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6) Travel speed, with / without load (5)	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast W _a	mm mm mm mm mm mm mm km/h	1 2 1 000 4,4 5,4 3,4 	25 46 x 1 200 889 089 080 90	24.0	175 246 00 x 1 200 4,959 5,159 3,145 -90	
	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6)	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast W _a	mm mm mm mm mm mm	1 2 1 000 4,i 5,i 3,i	25 46 x 1 200 889 080		175 246 00 x 1 200 4,959 5,159 3,145 -90	
5	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1 5-1-1	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6) Travel speed, with / without load (5) Travel speed, with load / without load backwards (5)	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast W _a	mm mm mm mm mm mm km/h km/h	1 2 1 000 4,4 5,1 3,1	25 46 x 1 200 889 989 90 24.0 24.0	24.0 24.0	175 246 200 x 1 200 4,959 5,159 3,145 -90 24.0 24.0	
MANCE	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1 5-1-1 5-2	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6) Travel speed, with / without load (5) Travel speed, with load / without load backwards (5) Lifting speed, with / without load (5)	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast W _a	mm mm mm mm mm mm km/h km/h m/s	1 2 1 0000 4,4 5,1 5,1 24.0 24.0 0.43	25 46 x 1 200 889 080 90 24.0 24.0 0.66	24.0 24.0 0.41	246 200 x 1 200 4,959 5,159 3,145 -90 24.0 24.0 0.46	
FORMANCE	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1 5-1-1 5-2 5-3	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6) Travel speed, with / without load (5) Travel speed, with / without load (5) Lifting speed, with / without load (5) Lowering speed with / without load	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast W _a	mm mm mm mm mm mm km/h km/h km/s m/s	1 2 1 0000 4,4 5,6 3,1 24.0 24.0 0.43 0.58	25 46 x 1 200 389 089 080 90 24.0 24.0 0.66 0.53	24.0 24.0 0.41 0.41	175 246 200 x 1 200 4,959 5,159 3,145 -90 24.0 24.0 0.46 0.37	
PERFORMANCE	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1 5-1-1 5-2 5-3	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6) Travel speed, with / without load (5) Travel speed, with load / without load backwards (5) Lifting speed, with / without load (5) Lowering speed with / without load Drawbar pull, with / without load (5)	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast W _a	mm mm mm mm mm mm km/h km/h km/s m/s	1 2 1 0000 4,4 5,6 3,6	25 46 x 1 200 389 089 080 90 24.0 24.0 0.66 0.53 25907	24.0 24.0 0.41 0.41 48871	246 200 x 1 200 4,959 5,159 3,145 -90 24.0 24.0 0.46 0.37 28506	
PERFORMANCE	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1 5-1-1 5-2 5-3 5-5 5-6	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6) Travel speed, with / without load (5) Travel speed, with / without load backwards (5) Lifting speed, with / without load Drawbar pull, with / without load Drawbar pull, with / without load Maximum drawbar pull, with / without load	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast W _a	mm mm mm mm mm mm km/h km/h km/s n/s	1 2 1 0000 4,4 5,6 3,6	25 46 x 1 200 389 089 080 90 24.0 24.0 0.66 0.53 25907	24.0 24.0 0.41 0.41 48871 49547	246 200 x 1 200 4,959 5,159 3,145 -90 24.0 24.0 0.46 0.37 28506 28506	
PERFORMANCE	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1 5-1-1 5-2 5-3 5-5 5-6 5-7	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6) Travel speed, with / without load (5) Travel speed, with / without load backwards (5) Lifting speed, with / without load (5) Lowering speed with / without load Drawbar pull, with / without load (5) Maximum drawbar pull, with / without load Gradeability, with / without load (5)	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast W _a	mmm mm mm mm mm mm mm mm mm km/h km/h km	1 000 4,4 5,4 3,6 24.0 24.0 0.43 0.58 48871 49547	25 46 x 1 200 389 389 380 90 24.0 24.0 0.66 0.53 25907 25907 24	24.0 24.0 0.41 0.41 48871 49547 28	175 246 00 x 1 200 4,959 5,159 3,145 -90 24.0 24.0 0.46 0.37 28506 28506 24	
PERFORMANCE	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1 5-1-1 5-2 5-3 5-5 5-6 5-7 5-8	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6) Travel speed, with / without load (5) Travel speed, with / without load backwards (5) Lifting speed, with / without load (5) Lowering speed with / without load Drawbar pull, with / without load Gradeability, with / without load (5) Maximum drawbar pull, with / without load Gradeability, with / without load (5) Maximum gradeability, with / without load	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast W _a	mmm mm mm mm mm mm mm km/h km/h m/s n/s N N %	1 1 2 1 1 000 4,4 1 5,1 3,4 5,1 24.0 24.0 0.43 0.58 48871 49547 30 30 9.15	25 46 x 1 200 389 089 080 90 24.0 24.0 0.66 0.53 25907 25907 24 24	24.0 24.0 0.41 0.41 48871 49547 28 28	175 246 00 x 1 200 4,959 5,159 3,145 -90 24.0 24.0 0.46 0.37 28506 28506 24 24	
L	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1 5-1-1 5-2 5-3 5-5 5-6 5-7 5-8 5-9 5-10 6-1	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6) Travel speed, with / without load (5) Travel speed, with / without load backwards (5) Lifting speed, with / without load (5) Lowering speed with / without load Drawbar pull, with / without load Gradeability, with / without load Gradeability, with / without load Acceleration time, with / without load (5)	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast W _a	mmm mm mm mm mm mm mm km/h km/h m/s n/s N N %	1 1 2 2 1 0000 4,4 5,1 3,4 5,1 3,4 5,1 4,5 5,1 3,4 5,1 5,1 5,1 5,1 5,1 5,1 5,1 5,1 5,1 5,1	25 46 x 1 200 889 889 880 90 24.0 24.0 0.66 0.53 25907 24 24 24 8.76	24.0 24.0 0.41 0.41 48871 49547 28 28	175 246 00 x 1 200 4,959 5,159 3,145 -90 24.0 24.0 0.46 0.37 28506 28506 24 24	
L	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1 5-1-1 5-2 5-3 5-5 5-6 5-7 5-8 5-9 5-10	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6) Travel speed, with / without load (5) Travel speed, with / without load backwards (5) Lifting speed, with / without load (5) Lowering speed with / without load Drawbar pull, with / without load Gradeability, with / without load Gradeability, with / without load Acceleration time, with / without load (5) Service brake	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast W _a	mmmmmmmmmmmkm/hkm/hkm/s	1 1 2 2 1 0000 4,4 5,1 3,4 5,1 3,4 5,1 4,5 5,1 3,4 5,1 5,1 5,1 5,1 5,1 5,1 5,1 5,1 5,1 5,1	25 46 x 1 200 889 089 080 90 24.0 24.0 0.66 0.53 25907 24 24 24 8.76 raulic	24.0 24.0 0.41 0.41 48871 49547 28 28	175 246 00 x 1 200 4,959 5,159 3,145 -90 24.0 24.0 0.46 0.37 28506 28506 24 24	
L	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1 5-1-1 5-2 5-3 5-5 5-6 5-7 5-8 5-9 5-10 6-1	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6) Travel speed, with / without load (5) Travel speed, with / without load backwards (5) Lifting speed, with / without load Drawbar pull, with / without load Drawbar pull, with / without load Gradeability, with / without load Gradeability, with / without load Acceleration time, with / without load (5) Service brake Drive motor rating S2 60 min	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast W _a	mm mm mm mm mm mm km/h km/h m/s N N % %	1 1 2 2 1 0000 4,4 5,6 3,6 5,6 3,6 5,6 3,6 5,6 5,6 5,6 5,6 5,6 5,6 5,6 5,6 5,6 5	25 46 x 1 200 889 889 880 90 24.0 24.0 0.66 0.53 25907 25907 24 24 8.76 raulic	24.0 24.0 0.41 0.41 48871 49547 28 28	175 246 00 x 1 200 4,959 5,159 3,145 -90 24.0 24.0 0.46 0.37 28506 28506 24 24 24	
L	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1 5-1-1 5-2 5-3 5-5 5-6 5-7 5-8 5-9 5-10 6-1 6-2	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b12 x l6 crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6) Travel speed, with / without load (5) Travel speed, with / without load backwards (5) Lifting speed, with / without load Drawbar pull, with / without load Drawbar pull, with / without load Gradeability, with / without load Gradeability, with / without load Acceleration time, with / without load Service brake Drive motor rating S2 60 min Lift motor rating at S3 15%	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast W _a	mm mm mm mm mm mm km/h km/h m/s N N % %	1 1 2 2 1 0000 4,4 5,4 5,6 3,4 5,4 5,6 5,6 3,4 5,7 5,7 5,7 5,7 5,7 5,7 5,7 5,7 5,7 5,7	25 46 x 1 200 389 389 380 90 24.0 24.0 0.66 0.53 25907 25907 24 24 8.76 raulic	24.0 24.0 0.41 0.41 48871 49547 28 28	175 246 200 x 1 200 4,959 5,159 3,145 -90 24.0 0.46 0.37 28506 28506 24 24 	
ELECTRIC DRIVE PERFORMANCE	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1 5-1-1 5-2 5-3 5-5 5-6 5-7 5-8 5-9 5-10 6-1 6-2 6-3	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6) Travel speed, with / without load (5) Travel speed, with / without load backwards (5) Lifting speed, with / without load (5) Lowering speed with / without load Drawbar pull, with / without load Gradeability, with / without load Gradeability, with / without load Acceleration time, with / without load Acceleration time, with / without load Service brake Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C, no Battery voltage/nominal capacity K5 (7) Battery weight (min/max)	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast W _a b ₁₃	mm mm mm mm mm mm km/h km/h km/s N N % % sec kW kW	1 1 2 2 1 0000 4,4 5,4 5,4 3,4 5,4 5,4 5,4 5,4 5,4 5,4 5,4 5,4 5,4 5	25 46 x 1 200 889 889 880 90 24.0 24.0 0.66 0.53 25907 25907 24 24 8.76 raulic	24.0 24.0 0.41 0.41 48871 49547 28 28	175 246 200 x 1 200 4,959 5,159 3,145 -90 24.0 0.46 0.37 28506 28506 24 24 	
ELECTRIC DRIVE	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1 5-1-1 5-2 5-3 5-5 5-6 5-7 5-8 5-9 5-10 6-1 6-2 6-3 6-4	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6) Travel speed, with / without load (5) Travel speed, with / without load backwards (5) Lifting speed, with / without load Drawbar pull, with / without load Drawbar pull, with / without load Gradeability, with / without load Gradeability, with / without load Acceleration time, with / without load Acceleration time, with / without load Service brake Drive motor rating \$2.60 min Lift motor rating at \$3.15% Battery according to DIN 43531/35/36 A, B, C, no Battery voltage/nominal capacity K5 (7)	m ₁ m ₂ b ₁₂ // ₆ d ₅ Ast Ast W _a b ₁₃	mm mm mm mm mm km/h km/h m/s N N % % sec kW kW LAh	1 1 2 2 1 0000 4,4 5,0 5,0 3,0 5,1 5 48871 49547 30 30 9.15 Hydro 4 60 7 360 6 6	25 46 x 1 200 389 089 080 90 24.0 24.0 0.66 0.53 25907 25907 24 24 8.76 raulic	24.0 24.0 0.41 0.41 48871 49547 28 28	175 246 200 x 1 200 4,959 5,159 3,145 -90 24.0 24.0 0.46 0.37 28506 28506 24 24 - ydraulic 45 60.0	
ELECTRIC DRIVE	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1 5-1-1 5-2 5-3 5-5 5-6 5-7 5-8 5-9 5-10 6-1 6-2 6-3 6-4 6-5	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b ₁₂ x l ₆ crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6) Travel speed, with / without load (5) Travel speed, with / without load backwards (5) Lifting speed, with / without load (5) Lowering speed with / without load Drawbar pull, with / without load Gradeability, with / without load Gradeability, with / without load Acceleration time, with / without load Acceleration time, with / without load Service brake Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C, no Battery voltage/nominal capacity K5 (7) Battery weight (min/max)	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast W _a b ₁₃	mm mm mm mm mm km/h km/h m/s N N % sec kW kW Ah kg	1 000 4, 1 000 4, 1 000	25 46 x 1 200 389 389 389 380 90 24.0 24.0 0.66 0.53 25907 25907 24 24 8.76 raulic 45 0.0 192	24.0 24.0 0.41 0.41 48871 49547 28 28	175 246 00 x 1 200 4,959 5,159 3,145 -90 24.0 24.0 0.46 0.37 28506 28506 24 24 	
ELECTRIC DRIVE	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1 5-1-1 5-2 5-3 5-5 5-6 5-7 5-8 5-9 5-10 6-1 6-2 6-3 6-4 6-5 6-6	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b12 x l6 crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius Internal turning radius (6) Travel speed, with / without load (5) Travel speed, with / without load backwards (5) Lifting speed, with / without load Drawbar pull, with / without load Drawbar pull, with / without load Gradeability, with / without load Gradeability, with / without load (5) Maximum gradeability, with / without load Acceleration time, with / without load (5) Service brake Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C, no Battery voltage/nominal capacity K5 (7) Battery weight (min/max) Energy consumption according to VDI cycle	m ₁ m ₂ b ₁₂ /l ₆ Ast Ast W _a b ₁₃	mm mm mm mm mm mm km/h km/h m/s m/s N N N Sec kW kW Ah h kg h	1 1 2 2 1 0000 4,4 5,1 3,4 5,1 3,4 5,1 3,4 5,1 4,5 4,7 3,0 3,0 9,15 Hydrid 4 6 6 7 3,60 6 6 11,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1,	25 46 x 1 200 389 389 389 380 90 24.0 24.0 0.66 0.53 25907 25907 24 24 8.76 raulic 15 0.0 192 64 3.9	24.0 24.0 0.41 0.41 48871 49547 28 28	175 246 00 x 1 200 4,959 5,159 3,145 -90 24.0 24.0 0.46 0.37 28506 28506 24 24 24 - ydraulic 45 60.0 no 192 664 -	
ELECTRIC DRIVE	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1 5-1-1 5-2 5-3 5-5 5-6 5-7 5-8 5-9 5-10 6-1 6-2 6-3 6-4 6-5 6-6 10-1	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b12 x l6 crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius (6) Travel speed, with / without load (5) Travel speed, with / without load backwards (5) Lifting speed, with / without load Drawbar pull, with / without load Drawbar pull, with / without load Gradeability, with / without load Gradeability, with / without load Acceleration time, with / without load Acceleration time, with / without load Service brake Drive motor rating s2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C, no Battery voltage/nominal capacity K5 (7) Battery weight (min/max) Energy consumption according to VDI cycle Operating pressure for attachments	m ₁ m ₂ b ₁₂ /l ₆ b ₁₂ /l ₆ Ast Ast W _a b ₁₃	mm mm mm mm mm mm mm km/h km/h m/s m/s N N % sec kW kW Ah kg h bar	1 1 2 2 1 0000 4,4 5,1 3,4 5,1 3,4 5,1 3,4 5,1 4,5 4,7 3,0 3,0 9,15 Hydrid 4 6 6 7 3,60 6 6 11,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1,	25 46 x 1 200 889 889 889 880 90 24.0 24.0 0.66 0.53 25907 25907 24 24 24 8.76 raulic 15 0.0 192 64 3.9	24.0 24.0 0.41 0.41 48871 49547 28 28	175 246 00 x 1 200 4,959 5,159 3,145 -90 24.0 24.0 0.46 0.37 28506 28506 24 24 24 24 ydraulic 45 60.0 no 192 664 173	
	4-31 4-32 4-33 4-34 4-34-2 4-35 4-36 5-1 5-1-1 5-2 5-3 5-5 5-6 5-7 5-8 5-9 5-10 6-1 6-2 6-3 6-4 6-5 6-6 10-1	Ground clearance, laden, below mast (4) Ground clearance, centre of wheelbase Load dimensions b12 x l6 crossways Aisle width with predetermined load dimensions (9) Aisle width with pallets 800 wide x 1 200 crossways (9) Outside turning radius Internal turning radius Internal turning radius (6) Travel speed, with / without load (5) Travel speed, with / without load backwards (5) Lifting speed, with / without load Drawbar pull, with / without load Drawbar pull, with / without load Gradeability, with / without load Gradeability, with / without load Gradeability, with / without load Acceleration time, with / without load Acceleration time, with / without load (5) Service brake Drive motor rating \$2 60 min Lift motor rating at \$3 15% Battery according to DIN 43531/35/36 A, B, C, no Battery voltage/nominal capacity K5 (7) Battery weight (min/max) Energy consumption according to VDI cycle Operating pressure for attachments Oil volume for attachments	m ₁ m ₂ b ₁₂ /l ₆ b ₁₂ /l ₆ Ast Ast W _a b ₁₃	mmmmmmmmmmmmmmmmmsmm/sm/s N N N % Sec N kW kW Ah kg h bar min	1 1 2 2 1 0000 4,4 5,0 5,0 3,0 5,1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25 46 x 1 200 889 089 080 90 24.0 24.0 0.66 0.53 25907 25907 24 24 8.76 raulic 15 0.0 192 64 3.9	24.0 24.0 0.41 0.41 48871 49547 28 28 - Hy	175 246 00 x 1 200 4,959 5,159 3,145 -90 24.0 24.0 0.46 0.37 28506 28506 24 24 24 24 ydraulic 45 60.0 no 192 664 173	

	1-1	Manufacturer			нуз	STER	HYS	STER	HVS	TER	
	1-2	Model designation				XNSL		XNL9		XNL	
	1-3	Powertrain / drivetrain				(batery)		(batery)		(batery)	
4	1-4	Operator type				ated		ated		ated	
GENERAL	1-5	Rated capacity / rated load	Q	kg		000		000		000	
<u>ہ</u>	1-6	Load centre distance	c	mm		00		00		00	
	1-8	Load distance				14		3.5		3.5	
	1-9		X	mm							
\dashv		Wheelbase	У	mm		235		450		150	
붎	2-1	Service weight		kg		979		265		524	
WEIGHT	2-2	Axle loading with load, front / rear		kg	17,187	2,793	18,428	1,836	18,440	2,083	
\dashv	2-3	Axle loading without load, front / rear		kg	4,843	7,136	5,323	6,942	4,983	6,541	
	3-1	Tyre type			Pneu			matic		matic	
S	3-2	Tyre size, front				5 14PR		5 14PR		5 14PR	
WHEELS	3-3	Tyre size, rear				5 14PR		5 14PR		5 14PR	
ਡ	3-5	Wheels, number front / rear (x = driven wheels)			x4	2	х4	2	x4	2	
	3-6	Tread, front	b ₁₀	mm		347		003		003	
	3-7	Tread, rear	b ₁₁	mm		536		536	-	536	
	4-1	Mast tilt, forward / backward	α/β	deg	5°	9°	5°	9°	5°	9°	
	4-2	Height, mast lowered (1)	h ₁	mm		712		462		712	
	4-3	Free lift (1)	h ₂	mm		0		0		0	
	4-4	Lift (1)	h ₃	mm	· ·	000		500	·	000	
	4-5	Height, mast extended (2)	h ₄	mm		225		899		225	
	4-7	Height of overhead guard (3)	h ₆	mm		531		531	-	531	
	4-7-1	Height of cab	h ₆	mm	2,5	549	2,!	549	2,5	549	
	4-8	Seat height to SIP	h ₇	mm	1,5	547	1,	558	1,5	547	
	4-19	Overall length	I ₁	mm	4,770		5,2	238	4,770		
DIMENSIONS	4-20	Length to face of forks	l ₂	mm	3,5	570	4,0	038	3,5	570	
	4-21	Overall width	b ₁ /b ₂	mm	2,082	1,784	2,239	1,771	2,239	1,771	
	4-22	Fork dimensions ISO 2331	s/e/l	mm	60 20	00 1,200	60 2	00 1,200	60 2	00 1,200	
	4-23	Fork carriage type			IV	/ A	I۱	/ A	IV	Α	
	4-24	Fork carriage width (5)	b ₃	mm	2,0	030	2,1	030	2,0	030	
	4-31	Ground clearance, laden, below mast (4)	m ₁	mm	12	25	1	75	125		
	4-32	Ground clearance, centre of wheelbase	m ₂	mm	246		2	53	2	53	
	4-33	Load dimensions b ₁₂ x l ₆ crossways	b ₁₂ /l ₆	mm	1 000 2	x 1 200	1 000	x 1 200	1 000	x 1 200	
Į	4-34	Aisle width with predetermined load dimensions (9)	Ast	mm	4,9	959	5,0	658	5,5	537	
	4-34-2	Aisle width with pallets 800 wide x 1 200 crossways (9)	Ast	mm	5,1	159	5,8	858	5,7	737	
	4-35	Outside turning radius	Wa	mm	3,1	145	3,	794	3,723		
	4-36	Internal turning radius (6)	b ₁₃	mm	-(90	3	62	3	62	
	5-1	Travel speed, with / without load (5)		km/h	24.0	24.0	21.0	21.0	21.0	21.0	
	5-1-1	Travel speed, with load / without load backwards (5)		km/h	24.0	24.0	24.0	21.0	21.0	21.0	
	5-2	Lifting speed, with / without load (5)		m/s	0.40	0.46	0.32	0.41	0.36	0.46	
걸	5-3	Lowering speed with / without load		m/s	0.51	0.37	0.38	0.33	0.38	0.33	
PERFORMANCE	5-5	Drawbar pull, with / without load (5)		N	48871	25806	48933	31331	48933	29330	
윤	5-6	Maximum drawbar pull, with / without load		N	49547	25806	49430	31331	49430	29330	
z	5-7	Gradeability, with / without load (5)		%	26	24	26	26	26	26	
	5-8	Maximum gradeability, with / without load		%	27	24	26	26	26	26	
	5-9	Acceleration time, with / without load (5)		sec	-	-	8.88	7.69	-	-	
	5-10	Service brake			Hydr	raulic	Hydi	raulic	Hydr	aulic	
	6-1	Drive motor rating S2 60 min		kW	4	15	4	15	4	5	
	6-2	Lift motor rating at S3 15%		kW	60	0.0	60	0.0	60	0.0	
	6-3	Battery according to DIN 43531/35/36 A, B, C, no			n	10	r	10	n	0	
ے	0.4	Battery voltage/nominal capacity K5 (7)	V	Ah	360	192	360	192	360	192	
CTRIC	6-4			kg	60	64	6	64	6	64	
ELECTRIC DRIVE	6-5	Battery weight (min/max)							1		
ELECTRIC		Battery weight (min/max) Energy consumption according to VDI cycle	kWh	h	18	3.9		-	18	3.9	
	6-5		kWh	h bar		73		- 73		73 73	
	6-5 6-6 10-1	Energy consumption according to VDI cycle Operating pressure for attachments	kWh	bar	17	73	1	73	1	73	
	6-5 6-6 10-1 10-2	Energy consumption according to VDI cycle Operating pressure for attachments Oil volume for attachments	I	bar min	92	73 2.7	9:	73 2.7	1° 92	73 2.7	
ADDITIONAL DATA ELECTRIC	6-5 6-6 10-1	Energy consumption according to VDI cycle Operating pressure for attachments		bar	17 92 68	73	1 92 68	73	1° 92 68	73	

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> FEATURES AND OPTIONS

DDANIIAT	UICUI ICUTC
LUANA	HIGHLIGHTS



LIFT	STD	ΩРТ
		UFI
2 Stage Limited Free Lift Mast	Χ	Х
3 Stage Full Free Lift Mast Lift Height - 3000mm (2540mm Lowered Height) - J7.0XNSL	Х	^
Lift Height - 3065mm (2715mm Lowered Height) - J8.0XNSL J8.0XNL9		
J9.0XNL	Х	
Various other Lift Heights		Х
Mast Tilt - 5° Forward / 10° Back - J7.0XNSL	Χ	
Mast Tilt - 5° Forward / 9° Back - J8.0XNSL J8.0XNL9 J9.0XNL	Χ	
Mast Tilt - 5° Forward / 6° Back		Х
Mast Tilt - 9° Forward / 5° Back		Х
DRIVE	STD	OP1
Traction Speed Limiter (Adjustable)	Х	
8.25 x 15-14 PR Pneumatic Drive Tyres	Χ	
8.25 x R15 Pneumatic Radial Drive Tyres		Х
8.25 x 15 Super Elastic Drive Tyres		Χ
300 x 15 Super Elastic Drive Tyres		Х
355/65-20 - Super Elastic Drive Tyres		Х
355/50-20 Super Elastic Drive Tyres		Х
8.25 X 15 Non-Marking Super Elastic Drive Tyres		Х
8.25 X 15 Non-Marking Pneumatic Shaped Solid Drive Tyres		Х
8.25 x 15-14 PR Pneumatic Steer Tyre	Χ	
8.25 R15 Pneumatic Radial Steer Tyre		Х
300 x 15 Super Elastic Steer Tyre		Χ
8.25 X 15 Super Elastic Steer Tyre		Х
8.25 x 15 Non-Marking Super Elastic Steer Tyre		Х
8.25 x 15 Non-Marking Pneumatic Shaped Solid Steer Tyre		Х
HANDLING	STD	OP 1
TouchPoint™ mini lever hydraulic controls	Х	
TouchPoint™ mini lever hydraulic controls, designed for clamping applications		Χ
TouchPoint™ mini lever hydraulic controls with Return to Set Tilt		Χ
TouchPoint™ mini lever hydraulic controls with Return to Set Tilt, designed		Х
for Clamping applications 1980mm Hook Type Carriage	Х	
1805mm Hook Type Carriage	^	Х
2030mm Hook Type Carriage		X
2030mm Hook Type Heavy Duty Carriage		X
1980mm Hook Type Carriage with Hang-On Sideshift - J7.0XNSL		X
1980mm Hook Type Carriage with Integral Sideshift - J7.0XNSL		X
1980mm Hook Type Carriage with Hang-On Sideshift Fork Positioner -		
		Х
J7.0XNSL		
J7.0XNSL 2030mm Integral Sideshift Carriage		Х
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage		X
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage 2030mm Integral Sideshift Carriage with fork positioner - J8.0XNSL		
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage		X
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage 2030mm Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL		Х
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage 2030mm Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 2030mm Heavy Duty Integral Sideshift Carriage with fork positioner -	X	X
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage 2030mm Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 2030mm Heavy Duty Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL	X X	X
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage 2030mm Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 2030mm Heavy Duty Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 1220mm High Load Backrest		X
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage 2030mm Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 2030mm Heavy Duty Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 1220mm High Load Backrest Hook Type Forks 60 x 150 x 1200mm - J7.0XNSL Hook Type Forks 65 x 200 x 1200mm - J8.0XNSL J8.0XNL9 J9.0XNL	Х	X X X
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage 2030mm Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 2030mm Heavy Duty Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 1220mm High Load Backrest Hook Type Forks 60 x 150 x 1200mm - J7.0XNSL Hook Type Forks 65 x 200 x 1200mm - J8.0XNSL J8.0XNL9 J9.0XNL	X	X X X
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage 2030mm Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 2030mm Heavy Duty Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 1220mm High Load Backrest Hook Type Forks 60 x 150 x 1200mm - J7.0XNSL Hook Type Forks 65 x 200 x 1200mm - J8.0XNSL J8.0XNL9 J9.0XNL ERGONOMICS	X X STD	X X X
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage 2030mm Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 2030mm Heavy Duty Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 1220mm High Load Backrest Hook Type Forks 60 x 150 x 1200mm - J7.0XNSL Hook Type Forks 65 x 200 x 1200mm - J8.0XNSL J8.0XNL9 J9.0XNL ERGONOMICS 2531mm Overhead Guard	X X STD X	X X X
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage 2030mm Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 2030mm Heavy Duty Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 1220mm High Load Backrest Hook Type Forks 60 x 150 x 1200mm - J7.0XNSL Hook Type Forks 65 x 200 x 1200mm - J8.0XNSL J8.0XNL9 J9.0XNL ERGONOMICS 2531mm Overhead Guard Standard Construction	X X STD X	X X X
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 2030mm Heavy Duty Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 1220mm High Load Backrest Hook Type Forks 60 x 150 x 1200mm - J7.0XNSL Hook Type Forks 65 x 200 x 1200mm - J8.0XNSL J8.0XNL9 J9.0XNL ERGONOMICS 2531mm Overhead Guard Standard Construction Full Steel Cab	X X STD X	X X X
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage 2030mm Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 2030mm Heavy Duty Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 1220mm High Load Backrest Hook Type Forks 60 x 150 x 1200mm - J7.0XNSL Hook Type Forks 65 x 200 x 1200mm - J8.0XNSL J8.0XNL9 J9.0XNL ERGONOMICS 2531mm Overhead Guard Standard Construction Full Steel Cab Grammer Air-Suspension Seat Cloth	X X STD X X	X X X
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 2030mm Heavy Duty Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 1220mm High Load Backrest Hook Type Forks 60 x 150 x 1200mm - J7.0XNSL Hook Type Forks 65 x 200 x 1200mm - J8.0XNSL J8.0XNL9 J9.0XNL ERGONOMICS 2531mm Overhead Guard Standard Construction Full Steel Cab Grammer Air-Suspension Seat Cloth Grammer Air-Suspension Seat Vinyl	X X STD X X	X X X
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage 2030mm Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 2030mm Heavy Duty Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 1220mm High Load Backrest Hook Type Forks 60 x 150 x 1200mm - J7.0XNSL Hook Type Forks 65 x 200 x 1200mm - J8.0XNSL J8.0XNL9 J9.0XNL ERGONOMICS 2531mm Overhead Guard Standard Construction Full Steel Cab Grammer Air-Suspension Seat Cloth Grammer Air-Suspension Seat Vinyl Standard Seat Belt	X X STD X X	X X X OP1
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage 2030mm Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 2030mm Heavy Duty Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 1220mm High Load Backrest Hook Type Forks 60 x 150 x 1200mm - J7.0XNSL Hook Type Forks 65 x 200 x 1200mm - J8.0XNSL J8.0XNL9 J9.0XNL ERGONOMICS 2531mm Overhead Guard Standard Construction Full Steel Cab Grammer Air-Suspension Seat Cloth Grammer Air-Suspension Seat Vinyl Standard Seat Belt HI VIS Red Seat Belt	X X STD X X	X X X OPT
2030mm Integral Sideshift Carriage 2030mm Heavy Duty Integral Sideshift Carriage 2030mm Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 2030mm Heavy Duty Integral Sideshift Carriage with fork positioner - J8.0XNSL J8.0XNL9 J9.0XNL 1220mm High Load Backrest Hook Type Forks 60 x 150 x 1200mm - J7.0XNSL Hook Type Forks 65 x 200 x 1200mm - J8.0XNSL J8.0XNL9 J9.0XNL ERGONOMICS 2531mm Overhead Guard Standard Construction Full Steel Cab Grammer Air-Suspension Seat Cloth Grammer Air-Suspension Seat Vinyl Standard Seat Belt HI VIS Red Seat Belt HI VIS Red Seat Belt with Interlock	X X STD X X	X X X X X X X

ERGONOMICS (continued)	STD	OP.
Dual Mirrors Side View		Х
Rear Drive Handle with Horn Button		Х
Recirculation Fan		Х
MONOTROL	Х	
Integrated Directional Switch		Х
12V Outlet - automotive style socket on dash		Х
OPERATION	STD	OP.
Audible Reverse Alarm		Х
Pedestrian Awareness Light (P.A.L.)		Х
Amber Strobe Light*	Х	
Key Switch Start	Х	
Key Switch Start with Operator Password		Х
Push Button Start with Operator Password		Х
Keyless Toggle Switch Start with Toggle		X
Operator Password Start		X
Operator Pre-Shift Electronic Checklist		X
Hyster Tracker Wireless Access		X
Hyster Tracker Wireless Verification		X
Hyster Tracker Wireless Monitoring		X
Load Weight Display		Х
Low Mount Display		X
High Mount Display		X
Single Pedal Inch Brake	Х	
Oil-immersed Brakes	Х	
2 Front / 2 Rear Lifting Eyes		Х
System Monitoring Package		Х
Impact Sensor		Х
Hydraulic Accumulator		Х
Fire Extinguisher		Х
VISIBILITY	STD	0P
Rear Mounted Color Camera with LCD Display*		Х
2 Front and 1 Rear LED Work Lights		Х
Two Front and One Rear LED Work Lights with Stop, Tail and Reverse Lights		Х
2 Front and 1 Rear LED Work Lights with Stop, Tail, Indicator & Reverse		Х
		Х
Lights		
	l X	ΩP
Lights 2 Front LED Work Lights with Side, Stop, Tail, & Reverse Lights Keyswitch start		٠.
Lights 2 Front LED Work Lights with Side, Stop, Tail, & Reverse Lights Keyswitch start BATTERIES	STD	
Lights 2 Front LED Work Lights with Side, Stop, Tail, & Reverse Lights Keyswitch start BATTERIES 358 Volt		v
Lights 2 Front LED Work Lights with Side, Stop, Tail, & Reverse Lights Keyswitch start BATTERIES 358 Volt Lithium-Ion Type Battery	STD	X
Lights 2 Front LED Work Lights with Side, Stop, Tail, & Reverse Lights Keyswitch start BATTERIES 358 Volt Lithium-Ion Type Battery 358V - 192Ah Hyster Battery	STD	Х
Lights 2 Front LED Work Lights with Side, Stop, Tail, & Reverse Lights Keyswitch start BATTERIES 358 Volt Lithium-Ion Type Battery 358V - 192Ah Hyster Battery 50Hz Three Phase 1 Hour 500/125 Bassi Charger	X	X
Lights 2 Front LED Work Lights with Side, Stop, Tail, & Reverse Lights Keyswitch start BATTERIES 358 Volt Lithium-lon Type Battery 358V - 192Ah Hyster Battery 50Hz Three Phase 1 Hour 500/125 Bassi Charger APPEARANCE	STD	X X OP
Lights 2 Front LED Work Lights with Side, Stop, Tail, & Reverse Lights Keyswitch start BATTERIES 358 Volt Lithium-lon Type Battery 358V - 192Ah Hyster Battery 50Hz Three Phase 1 Hour 500/125 Bassi Charger APPEARANCE Additional Nameplate	X	X X OP
Lights 2 Front LED Work Lights with Side, Stop, Tail, & Reverse Lights Keyswitch start BATTERIES 358 Volt Lithium-Ion Type Battery 358V - 192Ah Hyster Battery 50Hz Three Phase 1 Hour 500/125 Bassi Charger APPEARANCE Additional Nameplate Nameplate Modification	X	X X OP
Lights 2 Front LED Work Lights with Side, Stop, Tail, & Reverse Lights Keyswitch start BATTERIES 358 Volt Lithium-Ion Type Battery 358V - 192Ah Hyster Battery 50Hz Three Phase 1 Hour 500/125 Bassi Charger APPEARANCE Additional Nameplate Nameplate Modification Parts Manual - CD	X	X X OP X X
Lights 2 Front LED Work Lights with Side, Stop, Tail, & Reverse Lights Keyswitch start BATTERIES 358 Volt Lithium-Ion Type Battery 358V - 192Ah Hyster Battery 50Hz Three Phase 1 Hour 500/125 Bassi Charger APPEARANCE Additional Nameplate Nameplate Modification Parts Manual - CD Parts Manual - Printed	STD X	X X OP X X X
Lights 2 Front LED Work Lights with Side, Stop, Tail, & Reverse Lights Keyswitch start BATTERIES 358 Volt Lithium-Ion Type Battery 358V - 192Ah Hyster Battery 50Hz Three Phase 1 Hour 500/125 Bassi Charger APPEARANCE Additional Nameplate Nameplate Modification Parts Manual - CD Parts Manual - Printed SUPPLEMENTAL	X	X X OP X X X X OP
Lights 2 Front LED Work Lights with Side, Stop, Tail, & Reverse Lights Keyswitch start BATTERIES 358 Volt Lithium-Ion Type Battery 358V - 192Ah Hyster Battery 50Hz Three Phase 1 Hour 500/125 Bassi Charger APPEARANCE Additional Nameplate Nameplate Modification Parts Manual - CD Parts Manual - Printed SUPPLEMENTAL Literature Pack	STD X STD	X X OP X X X
Lights 2 Front LED Work Lights with Side, Stop, Tail, & Reverse Lights Keyswitch start BATTERIES 358 Volt Lithium-Ion Type Battery 358V - 192Ah Hyster Battery 50Hz Three Phase 1 Hour 500/125 Bassi Charger APPEARANCE Additional Nameplate Nameplate Modification Parts Manual - CD Parts Manual - Printed SUPPLEMENTAL Literature Pack CE Certification	STD X	X X OP X X X X OP
Lights 2 Front LED Work Lights with Side, Stop, Tail, & Reverse Lights Keyswitch start BATTERIES 358 Volt Lithium-Ion Type Battery 358V - 192Ah Hyster Battery 50Hz Three Phase 1 Hour 500/125 Bassi Charger APPEARANCE Additional Nameplate Nameplate Modification Parts Manual - CD Parts Manual - Printed SUPPLEMENTAL Literature Pack	STD X STD	X X OP X X X X OP

Other options available through Special Products Engineering Department (SPED). Contact Hyster for details.

The new Hyster® J7.0-9.0XNL series is one of the first zero-emissions electric lift trucks providing 7-9 tonnes of lift capacity with matched diesel engine performance.

Paper, timber, steel, and other heavy-duty industries can now easily adopt these tough electric lift trucks and benefit from quieter operations, fast acceleration, and even more responsive operation. Designed to work in both indoor and outdoor applications, the trucks feature high voltage (360-volt) lithium-ion batteries and have the endurance to support three shift operations.

INTEGRATED LITHIUM-ION BATTERY

Provides maximum power for a full 8-hour shift (in most operations). From flat, the battery can be fully charged within 2 hours. Opportunity charging gives extended run-time.

The lithium-ion battery is maintenance-free with three times the life of standard lead acid batteries.

MOTOR TECHNOLOGY

A powerful 105kW is provided by two multi-phase permanent magnetic motors, delivering best in class performance with excellent energy efficiency and minimal energy loss.

Fully independent hydraulic pump and traction motors never drop in performance when lifting and moving loads.

REGENERATIVE BRAKING

The forklifts feature auto generative braking that uses the electric motor to slow the lift truck, minimising wear on the oil immersed brakes. The regenerative braking system reduces maintenance and extends truck dependability.

HYDRAULICS

The hydraulic system incorporates a multi-stage gear pump with a cast iron body. The oil is double filtered, and the hydraulic tank is integrated into the frame. Lift circuit relief valves give protection from overloads.

RESPONSIVE CONTROL

No need to press the accelerator to rev the engine when lifting, which can enhance operator productivity. Autospeed hydraulics help to maximise overall truck responsiveness and controllability.

Automotive-style pedals have a large, single inch/brake pedal as standard which gives precise low-speed control and smooth electronic inching.

ROBUST CHASSIS AND FRAME

A robust chassis uses a unitised 25mm thick frame structure and the high strength mast design optimises capacity retention at high lifts with excellent visibility and rigidity.

OPERATOR'S COMPARTMENT

TouchPoint mini-levers integrated into the armrest provide hydraulic control and other key functions. The well positioned dash display keeps the operator aware of the lift truck's status at a glance.

The operator compartment has clear unobstructed foot space, adjustable steering column, rear drive handle with horn button and it is easy to access with three-point entry and exit.

Operators sit comfortably thanks to the full suspension seat, and with the benefit of an isolated powertrain, whole body vibration levels remain below 0.6m/s²

VEHICLE SYSTEMS AND WIRING

All vehicle systems are managed electronically to optimise performance and increase reliability. CANbus wiring, sealed connectors and hall effect sensors reduce complexity for truck system communication.

STABILITY

The maintenance-free Hyster® Stability Mechanism™ (HSM™) helps keep the truck stable when making turns and enhances its ability to operate efficiently on rough surfaces

The steer axle is cast steel mounted on polymer bushings for excellent stability and axle articulation.

MAST

2-stage limited free lift or 3-stage full free lift masts deliver excellent through-mast visibility and rigidity and feature sealed full radius load rollers that resist forward, rearward, and lateral forces. Side-thrust wear pads allow for periodic adjustment for lateral clearances. The high strength steel rolled mast channels resist flaring of the mast channel.

CARRIAGE

Wide hook-type carriages optimise visibility and allow the fitting of a wide variety of forks and attachments (pin type available)

STRONG PARTNERS. TOUGH TRUCKS.™ FOR DEMANDING OPERATIONS, EVERYWHERE,

Hyster supplies a complete range of warehouse equipment, IC and electric counterbalanced trucks, container handlers and reach stackers. Hyster is committed to being much more than a lift truck supplier.

Our aim is to offer a complete partnership capable of responding to the full spectrum of material handling issues: Whether you need professional consultancy on your fleet management, fully qualified service support, or reliable parts supply, you can depend on Hyster.

Our network of highly trained dealers provides expert, responsive local support. They can offer cost-effective finance packages and introduce effectively managed maintenance programmes to ensure that you get the best possible value. Our business is dealing with your material handling needs so you can focus on the success of your business today and in the future.





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