



4-WHEEL ELECTRIC FORKLIFT TRUCKS

J2.2-3.5XN

F

J2.2XN, J2.5XN, J3.0XN, J3.5XN ADVANCE

	1.1	Manufacturer (abbreviation)		НУ	STER	HYS	TER	НУ	STER	
2	1.2	Manufacturer's type designition		J2	.2XN	J2.5X	N-717	J2.5X	(N-861	
MARKS		Model		Adv	vance	Adva	nce	Adv	ance	
DISTINGUISHING	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		(battery)	Electric		Electric (battery)			
E E	1.4	Operator type: hand, pedestrian, standing, seated, order-picker Rated capacity / Rated load	Q (kg)		ated 200	Sea 25			ated 500	
E	1.6	Load centre distance	c (mm)		500	50			00	
	1.8	Load distance, centre of drive axle to fork		119	41			19		
	1.9	Wheelbase	y (mm)	1	606	16	06	17	750	
S E	2.1	Service weight	kg		520	45			330	
WEIGHTS	2.2	Axle loading, laden front/rear Axle loading, unladen front/rear	kg kg	5739 2279	977	6211 2279	805 2236	6283 2469	1144 2458	
	2.0	And loading, united in folly load is	ng .							
	3.1	Tyres: L = pneumatic, V = cushion, SE = Pneumatic Shape Solid			SE	S	E	5	SE	
SISSI	3.2	Tyre size, front			10 - 12	23 x 1			10 - 12	
夏	3.3	Tyre size, rear Wheels, number front/rear (x = driven wheels)		2X	x 7 - 8	18 x	7 - 8	2X	7 - 8	
TYRES / CHASSIS	3.6	Tread, front *	b ₁₀ (mm)	938	1054	938	1054	938	1054	
	3.7	Tread, rear	b ₁₁ (mm)	9	992	99	2	9	92	
	4.1	Tilt of mast/fork carriage forward/backward	α/β(°)	5	192	5	5	5	5	
	4.2	Height, mast lowered Free lift ¶	h ₁ (mm)		100	21			192 00	
	4.4	Lift ¶	h ₃ (mm)		350	33		3350		
	4.5	Height, mast extended +	h ₄ (mm)	3	960	39	60	3960		
	4.7	Height of overhead guard (cabin) ■		193	21		2193			
	4.7.1	Cab height (open cab) Seat height relating to SIP/stand height •	h, (mm)		206 070	10		2206 1070		
	4.12	Coupling height	h ₁₀ (mm)		262	26		262		
	4.19	Overall length	I ₁ (mm)		336	33			180	
	4.20	Length to face of forks ♦	I ₂ (mm)		336	23			180	
SK S	4.21	Overall width *	b ₁ /b ₂ (mm)	1173	1289 100 1000	1173	1289 0 1000	1173	1289	
DIMENSIONS	4.22	Fork dimensions DIN ISO 2331 Fork carriage ISO 2328, class/type A, B	s/e/I (mm)		2A	40 10			00 1000 2A	
	4.24	Fork carriage width •	b ₃ (mm)		067	10			067	
	4.31	Ground clearance, laden, below mast	m ₁ (mm)		83	8	3	8	33	
	4.32	Ground clearance, centre of wheelbase		137	13			37		
	4.33	Load dimension b ₁₂ × I ₆ crossways Aisle width predetermined load dimensions	b ₁₂ × I ₆ (mm) A _{et} (mm)		x 1000 613	1200 x		1200 x 1000 3750		
	4.34.1		A _{st} (mm)		613	36			750	
	4.34.2	-	A _{st} (mm)	3	766	37	66	39	906	
	4.35	Turning radius	W _a (mm)		931	19			073	
	4.36	Internal turning radius 90° intersecting aisle (With pallet W = 1200mm, L = 1000mm)	b ₁₃ (mm) (mm)		981	17			89 043	
	4.42	Step Height (from ground to running board) *	(mm)		5 / 810	706 /			/ 810	
	4.43	Step Height	4	475	47	5	475			
	5.1	Travel speed, laden / unladen \triangle Lift speed, laden / unladen	km/h m/sec	18.0 0.40	18.0 0.63	18.0 0.38	18.0 0.63	18.0 0.38	18.0 0.63	
E E	5.3	Lowering speed, laden / unladen	m/sec	0.57	0.5	0.57	0.51	0.57	0.51	
CE DATA	5.5	Drawbar pull, laden / unladen, 60 minute rating **	N	5468	5773	5591	5726	5591	5726	
M W	5.6	Maximum drawbar pull laden / unladen, 5 minute rating***	N	18045	19052	18451	18897	18451	18897	
	5.7	Gradeability laden / unladen, 30 minute rating **** † Maximum gradeability laden / unladen *** †	%	10	14 39	9 24	13 35	9 24	13 35	
ı۴	5.9	Acceleration time, laden / unladen 10m \triangle	sec	4.42	4.11	4.45	4.11	4.45	4.11	
	5.10	Service brake		Hyd	Iraulic	Hydr	aulic	Hydi	raulic	
•	0.1	Discontinuity (0000 vi	1144							
₩ ₩	6.1	Drive motor rating S2 60 min Lift motor rating at S3 15%	kW		2 x 10.0 16.0		.0	2 x 10.0 16.0		
ELECTRIC ENGINE	6.3	Battery according to DIN 43531/35/36 A, B, C, no Battery voltage/nominal capacity K5 V/Ah			536A	435			i36A	
	6.4			80 560		80	560	80	700	
	6.5	Battery weight (min/max)	kg	1480	1635	1480	1635	1770	1956	
	6.6	Energy consumption according to VDI cycle kWh/h @N	Nr of Cycles		5.68	7.0	00	7.	.89	
	8.1	Drive control		AC el	ectronic	AC ele	ctronic	AC ele	ectronic	
E E	10.1	Operating pressure for attachments	bar		155	15		155		
Į į	10.2	Oil volume for attachments 💠	l/min		0-40	20-		20-40		
ADDITIONAL	10.3	Hydraulic oil tank, capacity	dP(A)		9.3	29			9.3	
8	10.7	Sound pressure level at the driver's seat Towing coupling, type DIN	dB(A)		67 Pin	6 Pi			37 Pin	
	10.0	g couping, type but								

HYS	TER	HYS	TER	1.1	
J3.0	OXN	J3.5	XN	1.2	
	ance	Adva			DISTINGUISHING MARKS
	(battery)	Electric (1.3	IS
	00	350		1.5	8
5	00	50	0	1.6	HE KS
4:	31	43	1	1.8	
17	50	17	50	1.9	
	00	F01	20	0.1	_
7157	841	7871	942	2.1	WEIGHTS
2560	2438	2508	2805	2.3	STE
	E	S		3.1	_
	0 - 12 7 - 8	23 x 1		3.2	TYRES / CHASSIS
2X	2	2X	2	3.5	/ CHJ
938	1054	938	1054	3.6	SISS
9:	92	99	2	3.7	
5	5	5	5	4.1	
	92	21		4.1	
	00	10	0	4.3	
31	55	31!	55	4.4	
	65	38		4.5	
21	93 n6	219		4.7.1	
	70	101		4.8	
21	52	26	4.12		
	92	35		4.19	
1173	92 1289	1173	4.20		
	20 1000	50 12	1289	4.21	
3	A	3/	Α	4.23	NSIOI
	67	100	67	4.24	5
	3	83		4.31	
<u> </u>	37 < 1000	13 1200 x		4.32	
	62	383		4.34	
37	62	383	28	4.34.1	
	18	39		4.34.2	
II	73 39	21;		4.35 4.36	
	43	20		4.41	
706	/ 810	706 /	810	4.42	
4	75	47	5	4.43	
17.0	18.0	16.0	18.0	5.1	
0.33	0.59	0.31	0.59	5.2	
0.56	0.46	0.58	0.46	5.3	噩
5441	5588	5478	5720	5.5	OR M
17956	18441 12	18076 7	18875 12	5.6	PERFORMANCE DAT
22	34	20	32	5.8	DATA
4.56	4.18	4.60	4.23	5.9	
Hydr	aulic	Hydra	aulic	5.10	
2 v	10.0	2 x 1	IN N	6.1	
	6.0	16		6.2	E
435	36A	4353	36A	6.3	BE
80	700	80	700	6.4	ELECTRIC ENGINE
1770	1956 66	1770 10.	1956 ns	6.5	Ħ
8.	UU .	10.	uo	0.0	
AC ele	ctronic	AC elec	etronic	8.1	
1:	55	15	5	10.1	
1 00	-40	20-	40	10.2	
	0.3	29		10.2	물.

NOTE:

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. If these specifications are critical, the proposed application should be discussed with your dealer.

Max. battery

- ¶ Bottom of forks
- → Without load backrest
- Full suspension in compressed position specified. Add 40 mm for nominal position.
 Add 104 mm for battery side removal option
- Add 28 mm with load backrest
- h₆ subject to +/- 5 mm tolerance.
 Add 20mm with cab option.
 Add 104mm for battery side removal option.
 Add 124mm for battery side removal with cab option.
- ★ Vertical/horizontal battery removal
- With sideshift carriage add 32mm for J2.2XN - J2.5XN-717, 34mm for J2.5XN-861 LWB, 33mm for J3.0XN, 32mm for J3.5XN
- Stacking aisle width (lines 4.34.1 & 4.34.2) is based on the VDI standard calculation as shown on illustration. The British Industrial Truck Association recommends the addition of 100 mm to the total clearance (dimension a) for extra operating margin at the rear of the truck.
- † Gradeability figures (lines 5.7 & 5.8) are provided for comparison of tractive performance, but are not intended to endorse the operation of the vehicle on the stated inclines. Follow instructions in the operating manual regarding operation on inclines.
- \triangle HiP Performance settings
- eLo Performance settings
- Maximum flow set through dash display.
- L_{PAZ}, measured according to the test cycles and based on the weighting values contained in EN12053

TABLES KEY:

- Add 666mm with load backrest extension.
- O Deduct 666mm with load backrest extension.
- → Add 684mm with load backrest extension
- ➤ Deduct 684mm with load backrest extension.
- Add 583mm with load backrest extension.
- ▲ Deduct 583mm with load backrest extension.
- Add 601mm with load backrest extension.
- * Deduct 601mm with load backrest extension.
- ☐ Nominal Battery compartment length.
- Wide tread required. Standard tread possible but with reduced capacity. Contact your lift truck dealer
- Alternative capacities available with pneumatic tyres. Contact your lift truck dealer.
- \triangleleft Max fork height = $h_3 + s$
- ♦ Freelift (top of forks) = h₂+s

NOTIC

Care must be exercised when handling elevated loads. When the carriage and/or load is elevated, truck stability is reduced. It is important that mast tilt in either direction be kept to a minimum when loads are elevated

Operators must be trained and adhere to the instructions contained in the Operating Manual.

Hyster products are subject to change without notice. Lift trucks illustrated may feature optional equipment.

C Safety:

This truck conforms to the current EU requirements.

EQUIPMENT & WEIGHT:Weights (line 2.1) are

10.8

Weights (line 2.1) are based on the following specifications:
Complete truck with 3 390 mm (J2.5-2.5XN) or 3 200 mm (J3.0-3.5XN) 2-stage limited free lift mast, standard carriage and 1000 mm forks with load backrest with extended shift on with DIN battery configuration, standard seat and overhead guard and pneumatic shaped solid drive and steer tyres.

Specification data is based on VDI 2198 * Standard / Wide tread ** 60 minute rating **** 5 minute rating **** 30 minute rating

J2.2XN, J2.5XN, J3.0XN, J3.5XN ADVANCE+

1.1	Manufacturer (abbreviation)		H	YSTER			HYSTEI	R	H	YSTE	R
1.2	Manufacturer's type designition		J	12.2XN		J	2.5XN-71	17	J2	2.5XN-8	861
	Model	_		lvance+			Advance			dvance	
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas	-		ic (batter	ry)	Elec	tric (bat	tery)		ric (bat	
1.4	Operator type: hand, pedestrian, standing, seated, order-picker Rated capacity / Rated load Q	(kg)	—	Seated 2200			Seated 2500			Seated 2500	1
1.6		mm)		500			500			500	
1.8		mm)		419			419			419	
1.9		mm)		1606			1606			1750	
2.1	Service weight □	kg		4670			4870			4860	
2.2	Axle loading, laden front/rear	kg	5640		1224	6114		1254	6183		1167
2.3	Axle loading, unladen front/rear 🗖	kg	2018		2646	1805		3063	2067		2783
3.1	Tyres: L = pneumatic, V = cushion, SE = Pneumatic Shape Solid			SE			SE			SE	
3.2	Tyre size, front	_		x 10 - 12			3 x 10 - 1			3 x 10 -	
3.3	Tyre size, rear	-		3 x 7 - 8			18 x 7 - 8			8 x 7 - 8	
3.5	Wheels, number front/rear (x = driven wheels)		2X		2	2X		2	2X	+	2
3.6	Tread, front *	mm) mm)	938	992	1054	938	992	1054	938	992	1054
5.7	Treat, real			332			332			332	
4.1	Tilt of mast/fork carriage forward/backward α /	β (°)	5		5	5		5	5		5
4.2		mm)		2192			2192	·	-	2192	
4.3		mm)		100			100			100	
4.4		mm)		3350			3350			3350	
4.5	Height, mast extended + h ₄ (ii	mm)		3960			3960			3960	
4.7	Height of overhead guard (cabin) ■ h _s (u	mm)		2193			2193			2193	
4.7.1	Cab height (open cab)	4		2206			2206			2206	
4.8		mm)		1070			1070			1070	
4.12	Coupling height h ₁₀ (1			262			262			262	
4.19		mm)		3336 2336			3336 2336			3480 2480	
4.20	Length to face of forks \diamondsuit L ₂ (I) Overall width * b ₃ /b ₅ (I)	mm)	1173	2330	1289	1173	2330	1289	1173	2400	1289
4.22	Fork dimensions DIN ISO 2331 \$/e/L (i		40	100	1000	40	100	1000	40	100	1000
4.23	Fork carriage ISO 2328, class/type A, B	,		2A		.0	2A	1000		2A	
4.24		mm)	1067		1067 83 137			1067 83 137			
4.31	Ground clearance, laden, below mast m, (i		83 137								
4.32	Ground clearance, centre of wheelbase m ₂ (i	mm)									
4.33	Load dimension $b_{12} \times l_g$ crossways $b_{12} \times l_g$ (in the second content of the se	mm)	120	00 x 1000		1	200 x 100	00	12	00 x 10	100
4.34	Aisle width predetermined load dimensions A_{st} (mm)		3613			3613			3750	
4.34.1	Aisle width for pallets 1000 × 1200 wide ◆ A _{st} (n	_		3613			3613			3750	
4.34.2	. 31.			3766			3766			3906	
4.35	Turning radius W _a (r			1931 173			1931 173			2073 189	
4.36 4.41		mm) mm)		1981			1981			2043	
4.42		mm)		06 / 810			706 / 810	1		706 / 810	0
4.43		mm)		475			475			475	
5.1	Travel speed, laden / unladen \triangle k	km/h	21.0		21.0	21.0		21.0	21.0		21.0
5.2		/sec	0.52		0.72	0.49		0.72	0.49		0.72
5.3		/sec	0.57		0.51	0.57		0.51	0.57		0.51
5.5	Drawbar pull, laden / unladen, 60 minute rating **	N	6015		6235	6037		6185	6037		6185
5.6	Maximum drawbar pull laden / unladen, 5 minute rating***	N	19849		20576	19927		20409	19927	+	20409
5.7 5.8	Gradeability laden / unladen, 30 minute rating **** † Maximum gradeability laden / unladen *** †	%	28		16 42	10 26		38	10 26	+	38
5.9		sec	4.04		3.71	4.04		3.71	4.04	-	3.71
5.10	Service brake	360		/draulic	3.71		Hydraulio			lydrauli	
0.10		_		diddiio	_		- ry ar a a ii.	-		y a. a.a.	
6.1	Drive motor rating S2 60 min	kW	2 x 10.0			2 x 10.0		2 x 10.0			
6.2	Lift motor rating at S3 15%	kW		24.0			24.0			24.0	
6.3	Battery according to DIN 43531/35/36 A, B, C, no		4:	3536A			43536A			43536A	1
6.4	Battery voltage/nominal capacity K5	V/Ah	80		560	80		560	80		700
6.5	Battery weight (min/max)	kg	1480		1635	1480		1635	1770		1956
6.6	Energy consumption according to VDI cycle △ kWh/h @Nr of Cycle	cles		7.51			7.87			8.86	
6.											
8.1	Drive control Operating prossure for attachments	hor	AC e	electronic	;	I AC	electro	nic	AC	electro	onic
10.1		bar /min		155 20-40			155 20-40			155 20-40	
10.2	UII Volume for attachments Hydraulic oil tank, capacity	//////		29.3			29.3			29.3	
10.7		B(A)		68			68			68	
		,		Pin			Pin			Pin	
10.7						i	D:			-	

Specification data is based on VDI 2198 * Standard / Wide tread ** 60 minute rating *** 5 minute rating **** 30 minute rating

4

TRUCK DIMENSIONS

HYSTER

J3.0XN

Advance+

Electric (battery)

Seated

3000

500

431

1750

5300

23 x 10 - 12

18 x 7 - 8

992

2192

100

3155

3865

2193

2206

1070

262

3492

120

1067

83

1200 x 1000

3762

3762

3918

2073

189

2043

706 / 810

475

21.0

0.63

0.46

6035

19916

13

37

3.78

19.5

0.42

0.56

5877

19393

24

4.14

80

1770

2 x 10.0

24.0

43536A

8 66

AC electronic

20-40

29.3

68

Pin

1289

1000

1173

2090

2X

938

1244

3209

1054

HYSTER

J3.5XN

Advance+

Electric (battery)

Seated 3500

500

431

1750

5370

SE

23 x 10 - 12

18 x 7 - 8

992

2192

100

3155

3865

2193

2206

1070

262

3570 2570

120

1067

83

137

1200 x 1000

3828

3828

3984

2139

189

2076

706 / 810

475

21.0

0.63

0.46

6177

20385

13

35

3.83

700

1956

18.0

0.37

0.58

5918

19522

22

4.19

80

1770

Hvdraulic

2 x 10.0

24.0

43536A

10 03

AC electronic

20-40

29.3

68

1173

50

1115

3158

1054

1289

1000

7752

2209

2X

938

1.3

1.5

1.6

1.8

2.1

3.2 3.3 3.5

3.7

4.2

4.3 4.4

4.5

4.7

4.7.1 4.8

4.12 4.19

4.20

4.21

4.22

4.23 4.24

4.31

4.32

4.33

4.34

4.34.1 4.34.2

4.35 4.36

4.41

4.42

4.43

5.1

5.2

5.3

5.5

5.6

5.7

5.8

5.9

5.10

6.1

6.2

6.3

6.4

6.6

8.1

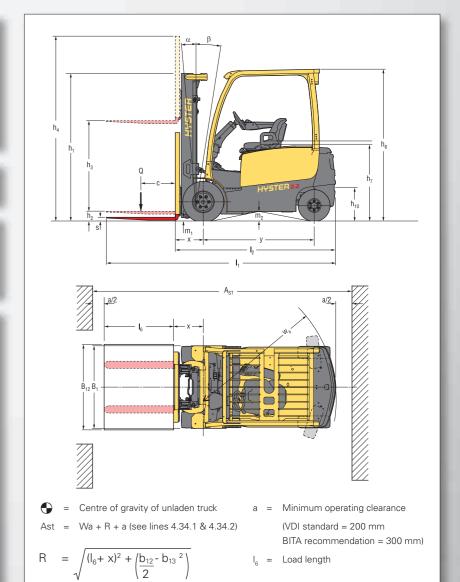
10.1

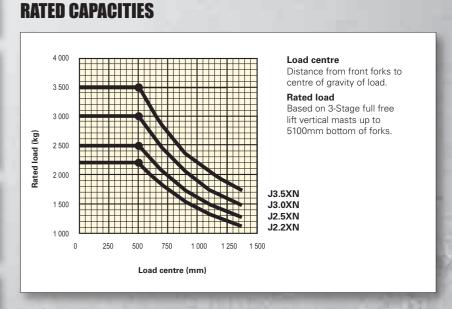
10.3 10.7

10.8

6.5

3.6





EQUIPMENT & WEIGHT:

Weights (line 2.1) are based on the following specifications:
Complete truck with 3 390 mm (J2.5-2.5XN) or 3 200 mm (J3.0-3.5XN) 2-stage limited free lift mast, standard carriage and 1000 mm forks with load backrest with extended shift on with DIN battery configuration, standard seat and overhead guard and pneumatic shaped solid drive and steer tyres.

5

MAST AND CAPACITY INFORMATION

Values shown are for standard equipment. When using non-standard equipment these values may change. Please contact your Hyster dealer for information

VISTA MASTS J2.2-2.50XN

	Maximum Fork Height ⊲ (mm) (h ₃ + s)	Back Tilt	Overall Lowered Height (mm)	Overall Extended Height (mm)	Free lift (top of forks) ◈ (mm) (h₂ + s)
Vista 2-Stage limited free lift	3390 3790 4330 4830	5° 5° 5° 5°	2195 2395 2745 2995	3956 ◆ 4356 ◆ 4896 ◆ 5396 ◆	140 140 140 140
Vista 2-Stage full free lift	3400	5°	2195	3966 ❖	1625 🔾
Vista 3-Stage limited free lift	4950 5550 6000	5° 5° 5°	2145 2395 2595	5496 → 6096 → 6546 →	1595 × 1845 × 2045 ×

VISTA MASTS 13.0-3.5XN

	Maximum Fork Height ⊲ (mm) (h ₃ + s)	Back Tilt	Overall Lowered Height (mm)	Overall Extended Height (mm)	Free lift (top of forks) ◈ (mm) (h₂ + s)
Vista 2-Stage limited free lift	3200 3600 4100 4600	5° 5° 5° 5°	2195 2395 2745 2990	3861 D 4261 D 4761 D 5261 D	145 145 145 145
Vista 2-Stage full free lift	3205	5°	2195	3862 ▶	1535 ▲
Vista 3-Stage limited free lift			2145 2295 2395 2645	5252 ← 5552 ← 5852 ← 6452 ←	1500 * 1650 * 1750 * 2000 *

J2.2-3.5XN - capacity chart in kg @ 500 mm load centres

		Pneumatic Shaped Solid Tyres										
	Maximum	W	ITHOUT sidesh	ift	WITH integral sideshift Maximum WITHOUT sid			sideshift	ft WITH integral sid			
	fork height <> (mm) (h ₃ + s)	J2.2XN 717 □	J2.5XN 717 □	J2.5XN 861 □	J2.2XN 717 □	J2.5XN 717 □	J2.5XN 861 □	fork height < (mm) (h ₃ + s)	J3.0XN 861 □	J3.5XN 861 □	J3.0XN 861 □	J3.5XN 861 □
Vista 2-Stage Iimited free lift	3390 3790 4330 4830	2200 2200 2200 2200	2500 2500 2500 2480	2500 2500 2500 2500	2200 2200 2200 2190	2490 2490 2470 2440	2500 2500 2500 2500	3200 3600 4100 4600	3000 3000 3000 2920	3500 3500 3500 3410	2960 2950 2940 2850	3440 3430 3420 3330
Vista 2-Stage full free lift	3400	2200	2500	2500	2200	2500	2500	3205	3000	3500	2960	3440
Vista 3-Stage full free lift	4950 5550 6000	2200 2110 2020	2440 2310 2210	2500 2410 2310	2180 2070 1980	2400 2250 2150	2500 2380 2290	4610 4910 5210 5810	2970 2900 2840 2690	3460 3400 3320 - 3170 -	2900 2830 2760 2600	3370 3300 3220 - 3060 -

12.2-3.5XN - capacity chart in kg @ 600 mm load centres

		Pneumatic Shaped Solid Tyres											
	Maximum	Maximum WITHOUT sideshift			WIT	WITH integral sideshift			WITHOUT	sideshift	WITH integral sideshift		
	fork height $<$ (mm) ($h_3 + s$)	J2.2XN 717 □	J2.5XN 717 □	J2.5XN 861 □	J2.2XN 717 □	J2.5XN 717 □	J2.5XN 861 □	fork height < (mm) (h ₃ + s)	J3.0XN 861 □	J3.5XN 861 □	J3.0XN 861 □	J3.5XN 861 □	
Vista 2-Stage limited free lift	4330	2000 2000 2000 2000	2270 2270 2270 2270 2250	2270 2270 2270 2270	2000 2000 1990 1980	2250 2250 2240 2210	2270 2270 2270 2270	3200 3600 4100 4600	2720 2720 2720 2650	3130 3130 3130 3090	2680 2670 2660 2580	3110 3100 3090 3010	
Vista 2-Stage full free lift	3400	2000	2270	2270	2000	2260	2270	3205	2720	3130	2680	3110	
Vista 3-Stage full free lift	6000	2000 1920 1830	2210 2100 2000	2270 2190 2100	1970 1870 1790	2170 2030 1940	2250 2150 2070	4610 4910 5210 5810	2690 2630 2570 2440	3130 3080 3010 - 2870 -	2620 2560 2500 2350	3050 2980 2920 - 2760 -	

NOTE: To calculate truck capacities with alternative truck specifications to the ones shown in the above tables, please consult your Hyster dealer. The rated capacities shown are for masts in a vertical position on trucks equipped with standard or sideshift carriage and nominal length forks. Masts above the maximum fork heights shown in the mast table are classified as high lift and, depending on the tyre/tread configuration may require reduced capacity, restricted back tilt or wide tread.

PRODUCT FEATURES

The Hyster J2.2-3.5XN series is available in 2 configurations - Advance & Advance+.

With enhanced performance characteristics, the Advance+ configuration has been designed to operate in intensive, high productivity applications with long runs and high lifts as an effective alternative to an engine-powered truck.

For example, in comparison to the Advance configuration, top speed (laden) has been increased to up to 21 km/h with faster acceleration and lifting speeds have been increased by 27%.

DEPENDABILITY

- Redesigned mast incorporates new chain placement and hose routings that maximise fork visibility for the driver and reliable, high performance lifting.
- AC motor technology on traction and hoist, with built in thermal management system, allows the truck to work reliably over long runs and in demanding work cycles, reducing downtime significantly.
- The electrical system features a CANbus communications network and Hall Effect sensors for increased reliability.
- IP54 enclosed traction motors and IP65 protection of controls and all electrical connections prevents ingress of water and dust particles, reducing the probability of truck downtime.

PRODUCTIVITY

- Dual 10 kW AC front wheel traction motors deliver smooth acceleration, fast travel and rapid direction changes. This is combined with regenerative braking and a powerful hoist motor to deliver efficient load handling in the toughest of applications.
- Designed to offer excellent manoeuvrability in working aisles, speeding up throughput, the truck features a slim counterweight, Zero Turn Radius (ZTR) steer axle and dual drive motors.
- The maintenance-free mechanical Hyster Stability Mechanism (HSM) reduces truck lean when travelling over obstacles, increasing driver confidence and productivity.
- Extended battery shift life with choice of battery configurations and new horizontal battery extraction options fitted with fork pockets and removable side panels, manages energy efficiently.

ERGONOMICS

- The ergonomically designed operator compartment provides a comfortable and highly productive environment for the driver.
- The fully adjustable tilt steering column with telescopic adjustment, memory tilt and synchronised steering options allows the operator to get on and off the truck quickly and easily throughout the shift, ensuring maximum comfort and increased productivity.

- The TouchPointTM mini-lever module armrest with built in hydraulic controls, integrated directional control, emergency off switch and horn offers the ultimate in comfort and control. Alternatively, seat-side manual levers also provide handling ease.
- A 'Heads-up' display keeps the driver's field of vision clear but provides him with 'at a glance' information on truck operating conditions or performance settings.
- A choice of weather protection options promotes a comfortable working environment, whatever the conditions.

LOW COST OF OWNERSHIP

- The Vehicle System Manager (VSM) allows adjustment of truck performance parameters and monitors key functions, leading to application matched performance and minimum downtime.
- Durable, quality components, including virtually maintenance free oil immersed brakes and brushless AC motors offer long term reliability and lower maintenance costs.
- In-built thermal protection on traction motors and advanced cooling system protect truck components, leading to reduced maintenance costs.
- New horizontal battery extraction options fitted with fork pockets and removable side panels providing easy battery extraction. Hyster offers a battery change system to suit the infrastructure available at the application site.

SERVICEABILILTY

- Standard 1 000 hour service interval.
- Access to diagnostic information via dash display with or plug-in port and laptop. This functionality saves technician time when setting up multiple items.
- Easily removable two-piece floor plate provides easy access to power contactor, traction controller fuses and relays.
- Motor, pump, controller and oil tank are located in the counterweight and are easily accessible, requiring only 2 thumb screws to be removed.
- LED master, indicator, brake and back-up lights are designed to last the lifetime of the truck.

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.





HYSTER EUROPE

Centennial House, Frimley Business Park, Frimley, Surrey, GU16 7SG, England. Tel: +44 (0) 1276 538500



www.hyster.eu



@ infoeurope@hyster.com



/HysterEurope



@HysterEurope





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