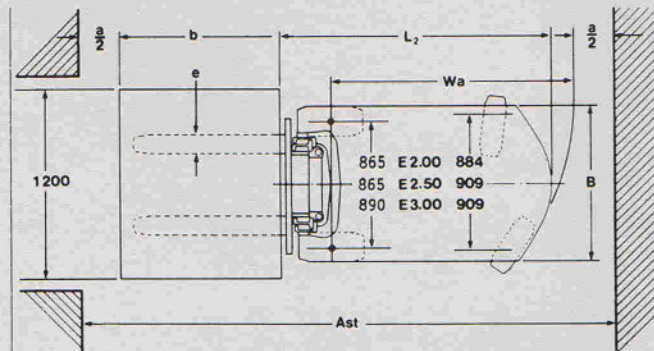
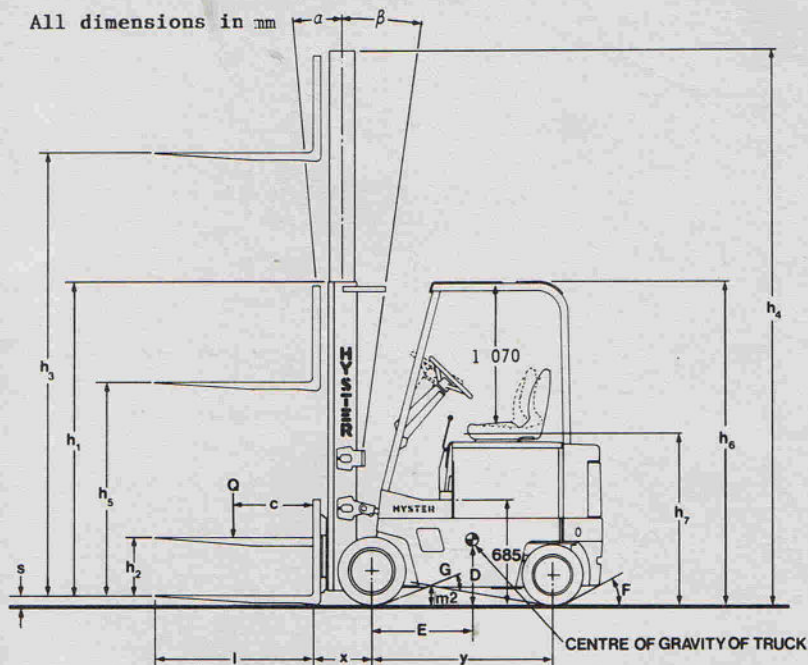




HYSTER ELECTRIC

E2.00, 2.50, 3.00XL

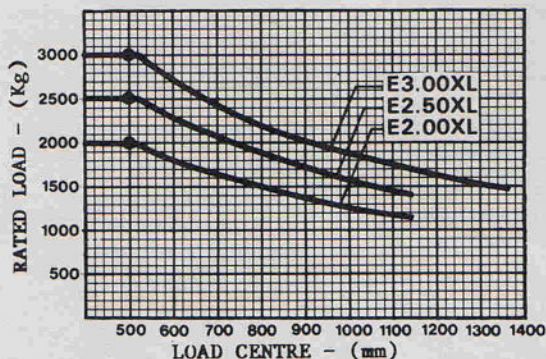
All dimensions in mm



$$Ast = Wa + x + b + a \quad (a = 200 \text{ mm})$$

E2.00XL : 2 000 kg @ 500 mm Load Centre
174 000 cm-kg Load Moment
E2.50XL : 2 500 kg @ 500 mm Load Centre
218 000 cm-kg Load Moment
E3.00XL : 3 000 kg @ 500 mm Load Centre
264 000 cm-kg Load Moment

	D	E	F	G
E2.00XL Short	637	672	60%	47%
Long	647	716	65%	39%
E2.50XL Short	627	750	42%	47%
Long	641	755	58%	39%
E3.00XL	618	806	43%	39%



LOAD CENTRE
Distance from front of forks to centre of gravity of load.

RATED LOAD
Based on vertical free lift uprights up to 3 800 mm maximum fork height for the E2.00-2.50XL and 3 650 mm maximum fork height for the E3.00XL.

EQUIPMENT/WEIGHT

Complete E2.00-2.50XL trucks have 3 300 mm, 2-stage VISTA uprights. E3.00XL truck has a 3 150 mm, 2-stage VISTA upright. All trucks are equipped with a 965 mm carriage load backrest extension, 1 065 mm forks, 72/80 volt electrical components, the exclusive HYSTER Monotrol pedal, power steering, Anderson type SBX battery connector, battery discharge indicator meter, power circuit fuses, hour meter, operator's overhead guard.

Unladen weight of truck including battery	Short	Long
E2.00XL	3 590 kg	3 820 kg
E2.50XL	4 000 kg	4 030 kg
E3.00XL	-	4 630 kg

CARRIAGES (Hook Type)

Overall width:	
VISTA 2-stage	965 mm
VISTA Free Lift	965 mm
VISTA 3-stage	965 mm

FORK SPACING	E2.00 - 2.50XL	E3.00XL
Inside to inside - min.	30 mm	0 mm
Outside to outside - max.	850 mm	880 mm

N.B. Fork spacing is to the min./max. usable fork notch on the carriage bar.

FORKS

E2.00XL 40 x 100 x 760 to 1 520
E2.50XL 40 x 100 x 760 to 1 520
E3.00XL 50 x 130 x 915 to 1 830

CONTROL SYSTEM

Solid state Cableform MK X1 control system is actuated by the exclusive Hyster MONOTROL pedal which provides smooth acceleration, quick directional change and electronic braking with a single pedal. Control panel is housed in a water- and dust resistant compartment located for optimum service accessibility.

POWER STEERING

Hydrostatic. All hydraulic with provision for manual control.

HYDRAULIC SYSTEM

Gear type main hydraulic pump. 24.5 litre fluid capacity, 25 micron return line hydraulic filter.

BRAKES

260 mm drum diameter. 643 cm² total brake lining area, self-energising and self-adjusting with integral, hand-actuated parking brake mechanism.

OPTIONS (see back page)

HYSTER ELECTRIC

E2.00, 2.50, 3.00XL

CHARACTERISTICS	1	Manufacturer		Hyster		
	2	Model	Manufacturer's Designation	E2.00XL (72v short)	E2.0	
	3	Capacity	Q Rated Capacity	kg	2 000	
	4	Load Centre	C Distance	mm	500	
	5	Power Type	Battery, Diesel, LPG, Electric Mains	Battery		
	6	Control Type	Pedestrian, Stand, Sit	Sit		
	7	Tyre Equipment	V = Solid, L = Pneumatic	front/rear	v v v	
	8	Wheels (x = driven)	Number	front/rear	2x 2 2	
DIMENSIONS	9	Lift	h3 Lift	mm	3 260	
	10	2-stage	h2 Standard Free Lift	mm	100	
	11	Upright	h5 Optional Free Lift	mm	1 530	
	12	Carriage	According to ISO 2328	A / B / no	ISO 2328A	
	13	Fork Size	s / e / l	mm	40 100 1 220 40	
	14	Upright Tilt	a forward /B backward	°	5 8	
	15		L2 Length to face of forks	mm	1 890	
	16	Overall	B Total Width	mm	1 070	
	17	Dimensions	h1 Height, upright lowered	mm	2 120	
	18		h4 Height, upright extended	mm	3 880	
	19		h6 Overhead Guard Height	mm	2 190	
	20		h7 Seat Height	mm	1 120	
PERFORMANCE	21	Turning Radius	Wa	mm	1 650	
	22	Load Distance	x from Centre of Front Axle	mm	353	
	23	Aisle Width	Ast for load 800 x 1 200 / 1 000 x 1 200	mm	3 000 3 200 3 0	
	24		Travel Speed with / without Load	km/h	11.6 12.9 12.	
	25	Speeds	Lift Speed with / without load	m/s	0.340 0.528 0.3	
	26		Lowering Speed with / without Load	m/s	0.462 0.447 0.4	
	27	Nom. Drawbar Pull	with / without Load	N	3 470 3 820 3 4	
	28	Max. Drawbar Pull	with / without load-Electric (5 min)	N	9 100 9 430 9 1	
	29	Gradeability	with / without load	%	7 12 7	
	30	Max. Gradeability	with / without load	%	16 25 16	
	31	Acceleration time	travelling with / without load	s	5.1 4.7 4.	
WT.	32	Total Unladen Weight	with Battery (line 46)	kg	3 620	
	33	Axle Load	with Load	front / rear	kg	5 020 600 5 0
	34		without Load	front / rear	kg	1 600 2 020 1 6
WHEELS AND TYRES	35		Number	front / rear	2 2	
	36	Tyres	Size	front	in	18 x 8 x 12.1 18
	37			rear	in	16 x 5 x 10.5 16
	38	Wheelbase	y	mm	1 210	
	39	Tread	Centre of Tyres	front / rear	mm	865 884 8
	40	Ground Clearance	with Load	m1 at lowest point	mm	82
	41			m2 centre of wheelbase	mm	113
	42	Service Brake	mechanical / hydraulic / electric / pneumatic	Hydraulic		
	43	Parking Brake	foot / hand / deadman brake	Hand		
	POWER UNIT AND TRANSMISSION	44		Type	Tubular Construction	Tubu
45		Battery	Voltage (Capacity at 5 hr rate)	v/Ah	72 438 8	
46			Weight	kg	985	
47		Electric Motors	Drive Motor, 60 min rating	kW	7.5	
48			Hoist Motor, 15 min rating	kW	10.4	
49			Make / Model	-	- - -	
50		Internal	Output	kW	-	
51		Combustion	Nominal Speed	1/min	-	
52		Engine	Number of Cylinders / Displacment	cm3	- - -	
53			Fuel Consumption	l/h	-	
54		Gear Change	Electric driven	Type / speeds	Electronic/Infinite Elec	
55		Transmission	Engine driven	Type / speeds	- - -	
56		Clutch	Engine driven	Type	-	
57		Working Pressure	for Attachments	bar	196 *	
58		Noise Level	Leq at Driver's ear to BITA RP20	dB(A)	68	

* 155 bar with 4 plunger valve.

[illegible]

	Hyster			Hyster			Hyster			1
long)	E2.50 (80v long)			E3.00XL (72v)			E3.00XL (80v)			2
	2 500			3 000			3 000			3
	500			500			500			4
	Battery			Battery			Battery			5
	Sit			Sit			Sit			6
v	v	v		v	v		v	v		7
2	2x	2		2x	2		2x	2		8
	3 260			3 100			3 100			9
	100			100			100			10
	1 530			1 460			1 460			11
	ISO 2328A			ISO 2328A			ISO 2328A			12
1 220	40	100	1 220	50	130	1 220	50	130	1 220	13
3	5	8		5	8		5	8		14
	2 040			2 130			1 120			15
	1 070			1 120			1 020			16
	2 120			2 120			2 120			17
	3 880			3 800			3 800			18
	2 190			2 190			2 190			19
	1 120			1 120			1 120			20
	1 820			1 890			1 890			21
	353			365			365			22
370	3 170	3 370		3 260	3 460		3 260	3 460		23
2.7	12.6	14.2		10.8	12.6		11.9	14.0		24
528	0.356	0.589		0.295	0.528		0.325	0.589		25
447	0.483	0.447		0.498	0.447		0.498	0.447		26
730	3 310	3 730		3 130	3 650		3 130	3 650		27
370	8 940	9 370		8 740	9 250		8 740	9 250		28
0	6	10		5	9		5	9		29
2	13	22		17	19		17	19		30
1.8	4.7	4.3		5.5	4.9		4.9	4.4		31
	4 050			4 650			4 650			32
90	5 860	690		6 800	850		6 800	850		33
260	1 790	2 260		1 880	2 770		1 880	2 770		34
2	2	2		2	2		2	2		35
1	18 x 8 x 12.1			18 x 9 x 12.1			18 x 9 x 12.1			36
1.5	16 x 6 x 10.5			16 x 6 x 10.5			16 x 6 x 10.5			37
	1 350			1 350			1 350			38
109	865	909		890	909		890	909		39
	82			82			82			40
	113			113			113			41
	Hydraulic			Hydraulic			Hydraulic			42
	Hand			Hand			Hand			43
uction	Tubular Construction			Tubular Construction			Tubular Construction			44
11	80	500		72	511		80	500		45
	1 420			1 420			1 420			46
	8.3			7.5			8.3			47
	11.6			10.4			11.6			48
-	-	-		-	-		-	-		49
	-			-			-			50
	-			-			-			51
-	-	-		-	-		-	-		52
	-			-			-			53
inite	Electronic/Infinite			Electronic/Infinite			Electronic/Infinite			54
-	-	-		-	-		-	-		55
	-			-			-			56
	196*			196*			196*			57
	68			68			68			58

Maximum fork height (top of forks) mm	Back tilt	Overall lowered height mm	Overall extended height mm	Free lift (top of forks) mm	Rated Capacity Kg @ 500 mm load centre							
					Without Sideshift				With Sideshift			
					E2.00XL short	E2.00XL long	E2.50XL short	E2.50XL long	E2.00XL short	E2.00XL long	E2.50XL short	E2.50XL long
VISTA 2 - STAGE												
3 300	8°	2 120	3 880 #	140	2 000	2 000	2 500	2 500	1 840	1 860	2 330	2 340
3 800	8°	2 370	4 380 #	140	2 000	2 000	2 500	2 500	1 840	1 860	2 330	2 340
4 300	5°	2 720	4 880 #	140	1 930	2 000	2 440	2 440	1 760	1 790	2 240	2 260
4 850	5°	3 000	5 430 #	140	1 850	1 910	2 350	2 390	1 690	1 710	2 160	2 170
5 500	5°	3 320	6 080 #	140	1 770 *	1 790	2 250 *	2 240 *	1 590 *	1 610	2 040 *	2 030 *
VISTA FREE LIFT												
3 000	8°	1 970	3 550 @	1 420 .	2 000	2 000	2 500	2 500	1 810	1 840	2 300	2 310
3 300	8°	2 120	3 850 @	1 570 .	2 000	2 000	2 500	2 500	1 810	1 840	2 300	2 310
3 800	8°	2 370	4 350 @	1 820 .	2 000	2 000	2 500	2 500	1 810	1 840	2 300	2 310
VISTA 3 - STAGE												
4 300	5°	1 930	4 850 @	1 380 .	1 850	1 910	2 350	2 390	1 690	1 700	2 140	2 150
4 750	5°	2 080	5 300 @	1 530 .	1 790	1 820	2 270	2 290	1 630	1 640	2 080	2 070
5 050	5°	2 230	5 600 @	1 680 .	1 750	1 770	2 230 *	2 230	1 580	1 590	2 020	2 020
5 500	5°	2 380	6 050 @	1 830 .	1 670 *	1 690	2 140 *	2 140 *	1 500	1 520	1 940 *	1 940 *
5 950	5°	2 580	6 500 @	2 030 .	1 580 *	1 610 *	-	2 050 *	1 440 *	1 450 *	-	1 850 *
# Add 640 mm with load backrest extension					Deduct 670 mm with load backrest extension							
E3.00XL @ Add 670 mm with load backrest extension					* Wide tread required • Contact SPED							

Add 640 mm with load backrest extension
 E3.00XL @ Add 670 mm with load backrest extension

. Deduct 670 mm with load backrest extension
 * Wide tread required . Contact SPED

Maximum fork height (top of forks) mm	Back tilt	Overall lowered height mm	Overall extended height mm	Free lift (top of forks) mm	Rated Capacity kg @ 500 mm l.c. without sideshift with sideshift	
VISTA 2 - STAGE						
3 150	8°	2 120	3 800 +	150	3 000	2 800
3 650	8°	2 370	4 300 +	150	3 000	2 800
4 150	5°	2 720	4 800 +	150	2 940	2 720
4 700	5°	3 000	5 350 +	150	2 900	2 620
5 350	5°	3 320	6 000 +	150	2 770 *	2 500 *
VISTA FREE LIFT						
3 150	8°	2 120	3 760 x	1 510 c	3 000	2 770
VISTA 3 - STAGE						
4 800	5°	2 230	5 410 x	1 620 c	2 740	2 470
5 250	5°	2 380	5 860 x	1 770 c	2 650 *	2 390 *
5 700	5°	2 580	6 310 x	1 970 c	2 550 *	2 300 *

+ Add 580 mm with load backrest extension
 x Add 620 mm with load backrest extension

c Deduct 620 mm with load backrest extension
 * Wide tread required

OPTIONS

72, 80 Volt System

Battery Compartment

700 mm E2.00-2.50XL

847 mm E2.00-2.50-3.00XL

Forward/Reverse Control Handlever

5° Forward / 5° Back Tilt

Wide Tread

Uprights - Vista 2-stage

Vista Free lift

Vista 3-stage

Hi-lifts

Forks: length as specified

Load Backrest

Lights

Semi-Suspension Seat

ATTACHMENTS

Hyster Hook-on sideshift

Hydraulic clamps

Other attachments on request

HIGH LIFTS

The rated capacities shown above are for trucks equipped with standard carriage, load backrest extension and 1 220 mm forks. **Uprights above 3 800 mm (3 670 mm E3.00XL maximum fork height are classified as high lift, and may involve reduced capacity, restricted back tilt or wide tread.**

High lift uprights require Hyster approval based on specific application information. This information would be supplied on Hyster form HY4590B, and will be used to determine rated capacities to be included on a specific nameplate. The completed nameplate must be installed on the truck when it is put into service.

Caution must be exercised when handling loads in order to ensure truck stability. Operators must be trained and must follow the lift truck safety rules contained in the Owner's and Operator's Guide. It is especially important that upright tilt in either direction be kept to a minimum when loads are elevated.



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