

**R1.4, R1.4H, R1.6, R1.6H, R1.6N, R2.0, R2.0H, R2.0W, R2.5**

1.1	Manufacturer	
1.2	Model designation	
1.3	Power: battery, diesel, LPG, electric mains	
1.4	Operation: manual, pedestrian, stand, seat, orderpicker	
1.5	Load capacity	Q (kg)
1.6	Load centre	c (mm)
1.8	Load distance	x (mm)
1.9	Wheelbase	y (mm)

HYSTER			HYSTER			HYSTER			HYSTER		
R1.4			R1.4H			R1.6			R1.6H		
Battery			Battery			Battery			Battery		
Seat			Seat			Seat			Seat		
1 400			1 400			1 600			1 600		
600			600			600			600		
465	393	321	480	408	336	515	443	371	443	371	
1 435			1 450			1 485			1 485		

HYSTER			HYSTER			HYSTER			HYSTER			HYSTER		
R1.6N ★			R2.0			R2.0H			R2.0W			R2.5		
Battery			Battery			Battery			Battery			Battery		
Seat			Seat			Seat			Seat			Seat		
1 600			2 000			2 000			2 000			2 500		
600			600			600			600			600		
395	305	-	503	431	359	531	459	461	389	526	454			
1 435			1 550			1 650			1 580			1 650		

2.1	Unladen weight	kg
2.3	Axle loading without load, front/rear	kg
2.4	Axle loading mast extended with load, front/rear	kg
2.5	Axle loading mast retracted with load, front/rear	kg

2 980			3 440			3 000			3 680		
2 010	970		2 220	1 220		2 010	990		2 340	1 340	
850	3 530		770	4 070		680	3 920		800	4 480	
1 860	2 520		1 970	2 870		1 860	2 740		2 140	3 140	

2 940			3 470			3 880			3 740			3 920		
1 890	1 050		2 400	1 070		2 450	1 430		2 450	1 290		2 480	1 440	
630	3 910		800	4 670		910	4 970		910	4 830		720	5 700	
1 600	2 940		2 080	3 390		2 120	3 760		2 120	3 620		2 160	4 260	

3.1	Tyres: rubber, polyurethane front/rear	
3.2	Tyre size, front	
3.3	Tyre size, rear	
3.5	Number of wheels, front/rear (X = driven)	
3.6	Track width, front	b <sub>0</sub> (mm)
3.7	Track width, rear	b <sub>1</sub> (mm)

Polyurethane			Polyurethane			Polyurethane			Polyurethane		
Ø 305 x 140			Ø 305 x 140			Ø 305 x 140			Ø 342 x 140		
Ø 285 x 100			Ø 285 x 100			Ø 350 x 100			Ø 350 x 100		
1X	2		1X	2		1X	2		1X	2	
1 126			1 126			1 136			1 136		

Polyurethane			Polyurethane			Polyurethane			Polyurethane			Polyurethane		
Ø 305 x 140			Ø 342 x 140			Ø 342 x 140			Ø 342 x 140			Ø 342 x 140		
Ø 285 x 100			Ø 350 x 100			Ø 350 x 127			Ø 350 x 100			Ø 350 x 127		
1X	2		1X	2		1X	2		1X	2		1X	2	
986			1 136			1 163			1 336			1 163		

4.1	Tilting fork carriage, α = forwards/β = backwards tilt	degrees
4.2	Height of mast, lowered	h <sub>1</sub> (mm)
4.3	Free lift	h <sub>2</sub> (mm)
4.4	Lift height	h <sub>3</sub> (mm)
4.5	Height of mast, extended	h <sub>4</sub> (mm)
4.7	Overhead guard height □	h <sub>5</sub> (mm)
4.8	Seat height ○	h <sub>7</sub> (mm)
4.10	Height of load arms	h <sub>8</sub> (mm)
4.19	Overall length	l <sub>1</sub> (mm)
4.20	Length to face of forks	l <sub>2</sub> (mm)
4.21	Overall width	b <sub>1</sub> /b <sub>2</sub> (mm)
4.22	Fork dimensions	s/e/l (mm)
4.23	Fork carriage DIN 15173, Class. Form A/B	
4.24	Fork carriage width	b <sub>3</sub> (mm)
4.25	Outside fork width	b <sub>5</sub> (mm)
4.26	Width between load arms	b <sub>4</sub> (mm)
4.28	Reach	l <sub>4</sub> (mm)
4.31	Ground clearance under mast, with load	m <sub>1</sub> (mm)
4.32	Ground clearance, centre of wheelbase	m <sub>2</sub> (mm)
4.33	Aisle width with pallets 1 000 mm x 1 200 mm wide, VDI 2198	Ast (mm)
4.34	Aisle width with pallets 1 000 mm x 1 200 mm wide, VDI 3597	Ast (mm)
4.34	Aisle width with pallets 800 mm x 1 200 mm long, VDI 2198	Ast (mm)
4.34	Aisle width with pallets 800 mm x 1 200 mm long, VDI 3597	Ast (mm)
4.35	Turning radius	Wa (mm)
4.37	Length over load arms	l <sub>3</sub> (mm)

2		4		2		4		2		4		2		4	
See chart		See chart		See chart		See chart		See chart		See chart		See chart		See chart	
2 190		2 190		2 190		2 190		2 190		2 190		2 190		2 190	
1 075		1 075		1 075		1 075		1 075		1 075		1 075		1 075	
260		285 ■		350 ■		350 ■		350 ■		350 ■		350 ■		350 ■	
2 400	2 472	2 544	2 400	2 472	2 544	2 400	2 472	2 544	-	2 472	2 544	-	2 472	2 544	
1 200	1 272	1 344	1 200	1 272	1 344	1 200	1 272	1 344	-	1 272	1 344	-	1 272	1 344	
1 270		1 270		1 270		1 270		1 270		1 270		1 270		1 270	
100	35	1 200	100	35	1 200	130	35	1 200	130	35	1 200	130	35	1 200	
2A		2A		2A		2A		2A		2A		2A		2A	
800		800		800		800		800		800		800		800	
672		672		702		702		702		702		702		702	
900		900		900		900		900		900		900		900	
635	563	491	665	593	521	735	663	591	-	663	591	-	663	591	
75		75		75		75		75		75		75		75	
75		75		75		75		75		75		75		75	
2 692	2 741	2 794	2 696	2 745	2 797	2 708	2 755	2 805	-	2 755	2 805	-	2 755	2 805	
2 423	2 495	2 567	2 422	2 494	2 566	2 421	2 493	2 565	-	2 493	2 565	-	2 493	2 565	
2 725	2 789	2 854	2 726	2 789	2 854	2 729	2 792	2 856	-	2 792	2 856	-	2 792	2 856	
2 623	2 695	2 767	2 622	2 694	2 766	2 621	2 693	2 765	-	2 693	2 765	-	2 693	2 765	
1 688		1 702		1 736		1 736		1 736		1 736		1 736		1 736	
1 815		1 845		1 915		1 915		1 915		1 915		1 915		1 915	

2		4		2		4		2		4		2		4	
See chart		See chart		See chart		See chart		See chart		See chart		See chart		See chart	
2 150		2 190		2 190		2 190		2 190		2 190		2 190		2 190	
1 075		1 075		1 075		1 075		1 075		1 075		1 075		1 075	
292 ■		357 ■		357 ■		357 ■		357 ■		357 ■		357 ■		357 ■	
2 470	2 560	-	2 477	2 549	2 621	-	2 549	2 621	-	2 549	2 621	-	2 554	2 626	
1 270	1 360	-	1 277	1 349	1 421	-	1 349	1 421	-	1 349	1 421	-	1 354	1 426	
1 130 ■		1 270		1 330		1 270		1 330		1 270		1 330		1 330	
130	35	1 200	130	40	1 200	130	40	1 200	130	40	1 200	130	45	1 200	
2A		2A		2A		2A		2A		2A		2A		2A	
800		800		800		800		800		800		800		800	
702		702		702		702		702		702		702		702	
760		900		900		900		900		900		900		900	
580	490	-	723	651	579	-	651	579	-	681	609	-	746	674	
75		75		75		75		75		75		75		75	
75		75		75		75		75		75		75		75	
2 735	2 801	-	2 776	2 824	2 875	-	2 824	2 875	-	2 839	2 888	-	2 858	2 904	
2 488	2 578	-	2 494	2 566	2 638	-	2 566	2 638	-	2 571	2 643	-	2 567	2 639	
2 782	2 863	-	2 801	2 864	2 928	-	2 864	2 928	-	2 872	2 936	-	2 877	2 939	
2 688	2 778	-	2 694	2 766	2 838	-	2 766	2 838	-	2 771	2 843	-	2 767	2 839	
1 683		1 797		1 797		1 797		1 832		1 832		1 893		1 893	
1 830		1 980		1 980		1 980		2 010		2 010		2 080		2 080	

5.1	Travel speed with/without load ●	km/h
5.2	Lifting speed with/without load ●	m/sec
5.3	Lowering speed with/without load ●	m/sec
5.4	Reach speed with/without load ●	m/sec
5.8	Max. gradeability with/without load †	%
5.9	Acceleration time (10 m) with/without load	s
5.10	Service brake: electric, electro magnetic, hydraulic	

10-12		10-12		10-12		10-12	
0,36	0,52	0,36	0,52	0,36	0,52	0,36	0,52
0,53	0,51	0,53	0,51	0,53	0,51	0,53	0,51
0,15	0,16	0,15	0,16	0,15	0,16	0,15	0,16
12	18	12	18	12	18	10	15
4-6		4-6		4-6		4-6	
Electro magnetic		Electro magnetic		Electro magnetic/hydraulic		Electro magnetic/hydraulic	

10-12		10-12		10-12		10-12		10-12	
0,36	0,52	0,28	0,35	0,3	0,52	0,3	0,52	0,24	0,35
0,53	0,51	0,50	0,51	0,54	0,51	0,54	0,51	0,50	0,51
0,15	0,16	0,15	0,16	0,15	0,16	0,15	0,16	0,15	0,16
12	18	10	15	10	15	10	15	10	15
4-6		4-6		4-6		4-6		4-6	
Electro magnetic		Electro magnetic/hydraulic		Electro magnetic/hydraulic		Electro magnetic/hydraulic		Electro magnetic/hydraulic	

6.1	Drive motor, S2 60 minute rating	kW
6.2	Lift motor, S3 25 % rating	kW
6.3	Battery according to DIN 43531/35/36 A,B,C, no	
6.4	Battery voltage/capacity at 5 hours rate	V/Ah
6.5	Battery weight (+/- 5%)	kg

6,4		6,4		6,4		6,4											
14		14		14		14											
43531 C		43531 C		43531 C		43531 C											
48	420	48	560	48	700	48	420	48	560	48	700	-	-	48	560	48	700
750-1 200		750-1 200		750-1 200		940-1 200											

6,4		6,4		6,4		6,4		6,4																			
14		14		14		14		14																			
43531 B		43531 C		43531 C		43531 C		43531 C																			
48	420	48	560	-	-	48	700	48	840	-	-	48	700	48	840	-	-	48	700	48	840	-	-	48	700	48	840
730-1 000		940-1 390		1 120-1 390		1 120-1 390		1 120-1 390																			

8.1	Drive control	
8.2	Working pressure for attachments	bar
8.3	Oil flow for attachments	l/min
8.4	Average noise level at operator's ear	dB (A)

AC - MOSFET		AC - MOSFET		AC - MOSFET		AC - MOSFET	
140		140		160		160	
20		2					