



MR14-25 series

1,400kg / 1,600kg / 2,000kg / 2,500kg

Reach Truck



SPECIFICATION SHEET

Models: MR14, MR16, MR16N, MR16HD, MR20, MR20HD, MR25

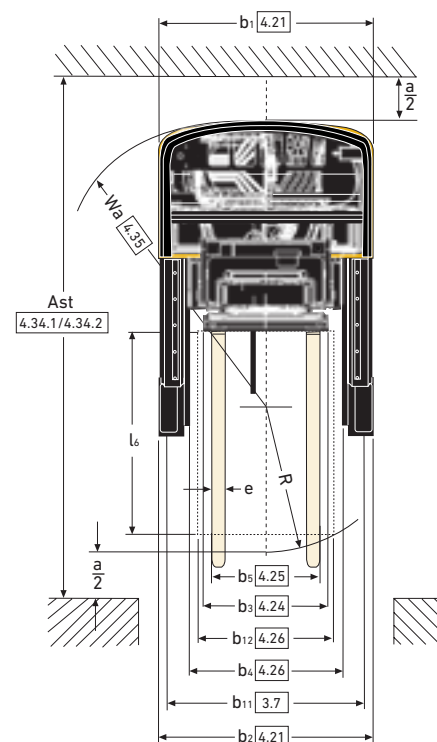
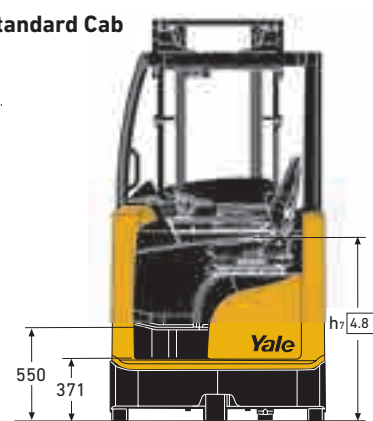
Truck Dimensions

Technical drawing of a Yale forklift cab, showing dimensions and load capacity. The drawing includes a side view of the cab and a top-down view of the load area. Dimensions are provided in millimeters (mm) and inches (in).

Dimensions (mm / in):

- h_1 : 4.2
- h_2 : 4.3
- h_3 : 4.4
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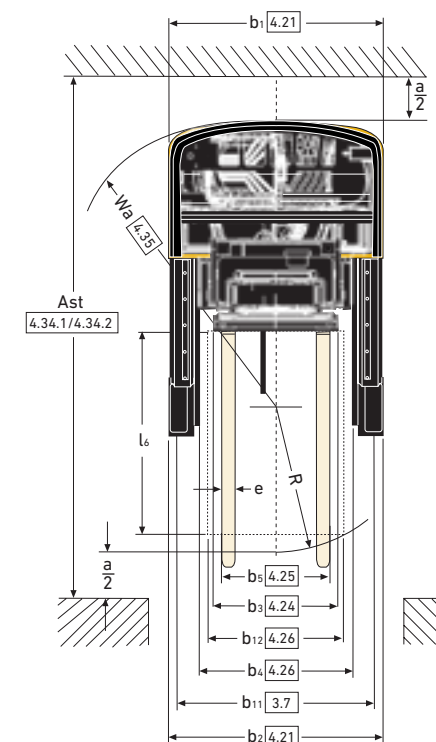
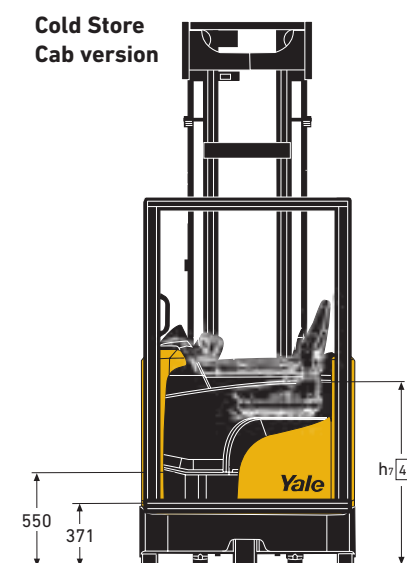
$a = 200\text{mm}$



Truck Dimensions

**Cold Store Cab
version**

Technical drawing of a Yale forklift with a Cold Store Cab version. The drawing shows the side profile of the forklift with various dimensions labeled. The mast is extended, and the forks are shown in a tilted position. Dimensions include heights (h_1 , h_2 , h_3 , h_4 , h_5 , h_6 , h_7 , h_8), lengths (l_1 , l_2 , l_3 , l_4 , l_5 , l_6 , l_7 , l_8 , l_9 , l_{10} , l_{11} , l_{12} , l_{13} , l_{14} , l_{15} , l_{16} , l_{17} , l_{18} , l_{19} , l_{20} , l_{21} , l_{22} , l_{23} , l_{24} , l_{25} , l_{26} , l_{27} , l_{28} , l_{29} , l_{30} , l_{31} , l_{32} , l_{33} , l_{34} , l_{35} , l_{36} , l_{37} , l_{38} , l_{39} , l_{40} , l_{41} , l_{42} , l_{43} , l_{44} , l_{45} , l_{46} , l_{47} , l_{48} , l_{49} , l_{50} , l_{51} , l_{52} , l_{53} , l_{54} , l_{55} , l_{56} , l_{57} , l_{58} , l_{59} , l_{60} , l_{61} , l_{62} , l_{63} , l_{64} , l_{65} , l_{66} , l_{67} , l_{68} , l_{69} , l_{70} , l_{71} , l_{72} , l_{73} , l_{74} , l_{75} , l_{76} , l_{77} , l_{78} , l_{79} , l_{80} , l_{81} , l_{82} , l_{83} , l_{84} , l_{85} , l_{86} , l_{87} , l_{88} , l_{89} , l_{90} , l_{91} , l_{92} , l_{93} , l_{94} , l_{95} , l_{96} , l_{97} , l_{98} , l_{99} , l_{100}), and angles (α , β). The Yale logo is visible on the side of the cab and the mast.



VDI 2198 General Specifications - MR14, MR16, MR16N, MR16HD, MR20, MR20HD, MR25

General	1.1	Manufacturer (abbreviation)		Yale		Yale		Manufacturer (abbreviation)	1.1					
	1.2	Manufacturer's type designation		MR14	MR16	MR16N	MR20	MR25	MR16HD	MR20HD		Manufacturer's type designation	1.2	
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Electric (battery)			Electric (battery)				Drive: electric (battery or mains), diesel, petrol, fuel gas	1.3		
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seated	Seated	Seated	Seated				Operator type: hand, pedestrian, standing, seated, order-picker	1.4		
	1.5	Rated capacity/Rated load	Q (kg)	1.4	1.6	1.6	2.0	2.5	1.6	2.0	Q (kg)	Rated capacity/Rated load	1.5	
	1.6	Load centre distance	c (mm)	600			600			c (mm)	Load centre distance	1.6		
	1.8	Load distance, centre of drive axle to fork ^{(9) (10) (16) (17)}	x (mm)	258	308	202	343	436	293	315	x (mm)	^{(9) (10) (16) (17)} Load distance, centre of drive axle to fork	1.8	
	1.9	Wheelbase	y (mm)	1400	1450		1500	1670	1450	1550	y (mm)	Wheelbase	1.9	
	Weight	2.1	Service weight	kg	3495	3546	3498	3801	4230	4224	4617	kg	Service weight	2.1
2.3		Axle loading, unladen front/rear ⁽⁵⁾	kg	2055/1440	2103/1443	1955/1543	2296/1504	2565/1665	2428/1796	2577/2040	kg	⁽⁵⁾ Axle loading, unladen front/rear	2.3	
2.4		Axle loading fork advanced, laden front/rear	kg	885/4010	810/4336	757/4341	770/5030	876/5855	799/4845	985/5632	kg	Axle loading fork advanced, laden front/rear	2.4	
2.5		Axle loading fork retracted, laden front/rear	kg	1711/3184	1779/3367	1514/3584	1971/3829	2306/4424	2104/3720	2149/4468	kg	Axle loading fork retracted, laden front/rear	2.5	
Wheels	3.1	Tyres: polyurethane, tophane, NDIIthane, front/rear		NDIIthane			NDIIthane				Tyres: polyurethane, tophane, NDIIthane, front/rear	3.1		
	3.2	Tyre size, front	ø mm x mm	343 x 140			343 x 140			ø mm x mm	Tyre size, front	3.2		
	3.3	Tyre size, rear	ø mm x mm	285 x 100			285 x 100	350 x 140	285 x 100	350 x 110	ø mm x mm	Tyre size, rear	3.3	
	3.5	Wheels, number front/rear (x = driven wheels)		1x/2			1x/2				Wheels, number front/rear (x = driven wheels)	3.5		
	3.7	Tread, rear	b11 (mm)	1155	1025		1155	1183	1155	1153	b11 (mm)	Tread, rear	3.7	
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α / β ⁽⁰⁾	2 / 4			2 / 4			α / β ⁽⁰⁾	Tilt of mast/fork carriage forward/backward	4.1		
	4.2	Height of mast, lowered	h1 (mm)	2195			3227			h1 (mm)	Height of mast, lowered	4.2		
	4.3	Free lift	h2 (mm)	1648			1582	2680		2614	h2 (mm)	Free lift	4.3	
	4.4	Lift	h3 (mm)	5000			4650	7900		7750	h3 (mm)	Lift	4.4	
	4.5	Height, mast extended ⁽¹⁾	h4 (mm)	5563			5263	8463		8363	h4 (mm)	⁽¹⁾ Height, mast extended	4.5	
	4.7	Height of overhead guard (cabin) ^{(2) (12) (15)}	h6 (mm)	2175			2175			h6 (mm)	^{(2) (12) (15)} Height of overhead guard (cabin)	4.7		
	4.8	Seat height relating to SIP	h7 (mm)	1082			1082			h7 (mm)	Seat height relating to SIP	4.8		
	4.10	Height of wheel arms	h8 (mm)	308			308	373	308	373	h8 (mm)	Height of wheel arms	4.10	
	4.19	Overall length	l1 (mm)	2523	2629		2538	2615	2538	2615	l1 (mm)	Overall length	4.19	
	4.20	Length to face of forks ^{(16) (17)}	l2 (mm)	1373	1479		1388	1465	1388	1465	l2 (mm)	^{(16) (17)} Length to face of forks	4.20	
	4.21	Overall width ^{(3) (13) (14)}	b1 / b2 (mm)	1265	1125		1265	1345	1265	1273	b1 / b2 (mm)	^{(3) (13) (14)} Overall width	4.21	
	4.22	Fork dimensions DIN ISO 2331	s/e/l (mm)	40/80/1150	40/120/1150		40/120/1150			s/e/l (mm)	Fork dimensions DIN ISO 2331	4.22		
	4.23	Fork carriage ISO 2328, class/type A, B		2A			2A				Fork carriage ISO 2328, class/type A, B	4.23		
	4.24	Fork-carriage width	b3 (mm)	700			700			b3 (mm)	Fork-carriage width	4.24		
	4.25	Distance between fork-arms min/max ⁽⁸⁾	b5 (mm)	220/640	260/680		260/680			b5 (mm)	⁽⁸⁾ Distance between fork-arms min/max	4.25		
	4.26	Distance between wheel arms/loading surfaces	b4 (mm)	900	795		900			b4 (mm)	Distance between wheel arms/loading surfaces	4.26		
	4.28	Reach distance	l4 (mm)	441	491	385	541	666	491	496	l4 (mm)	Reach distance	4.28	
	4.31	Ground clearance, laden, below mast	m1 (mm)	75			75			m1 (mm)	Ground clearance, laden, below mast	4.31		
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	85			85			65	m2 (mm)	Ground clearance, centre of wheelbase	4.32	
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways ^{(11) (16) (17)}	Ast (mm)	2826	2834	2899	2857	2953	2845	2926	Ast (mm)	^{(11) (16) (17)} Aisle width for pallets 1000mm x 1200mm crossways	4.34.1	
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise ^{(11) (16) (17)}	Ast (mm)	2895	2896	2976	2913	2992	2909	2986	Ast (mm)	^{(11) (16) (17)} Aisle width for pallets 800mm x 1200mm lengthwise	4.34.2	
	4.35	Turning radius	Wa (mm)	1671	1718	1700	1767	1930	1718	1815	Wa (mm)	Turning radius	4.35	
	4.37	Length across wheel arms	l7 (mm)	1795	1845	1845	1895	2098	1845	1978	l7 (mm)	Length across wheel arms	4.37	
	4.42	Step height (from ground to running board)	mm	550			550			mm	Step height (from ground to running board)	4.42		
	4.43	Step height (between intermediate steps between running board and floor)	mm	371			371			mm	Step height (between intermediate steps between running board and floor)	4.43		
Performance data	5.1	Travel speed, laden/unladen ⁽⁷⁾	km/h	11 / 11 [14 / 14] ⁽²⁰⁾			11 / 11 [14 / 14]			km/h	⁽⁷⁾ Travel speed, laden/unladen	5.1		
	5.1.1	Travel speed, laden/unladen, backwards ⁽⁷⁾	km/h	11 / 11 [14 / 14] ⁽²⁰⁾			11 / 11 [14 / 14]			km/h	⁽⁷⁾ Travel speed, laden/unladen, backwards	5.1.1		
	5.2	Lift speed, laden/unladen ⁽⁷⁾	m/s	0,37 / 0,63 [0,47 / 0,73]	0,32 / 0,63 [0,42 / 0,73]	0,32 / 0,63 [0,42 / 0,73]	0,37 / 0,64	0,30 / 0,64	0,42 / 0,73	0,37 / 0,68	m/s	⁽⁷⁾ Lift speed, laden/unladen	5.2	
	5.3	Lowering speed, laden/unladen	m/s	0.55			0,55 / 0,50			0.55	0.55	m/s	Lowering speed, laden/unladen	5.3
	5.4	Reaching speed, laden/unladen	m/s	0,17 / 0,17			0,17 / 0,17			m/s	Reaching speed, laden/unladen	5.4		
	5.7	Gradeability, laden/unladen ^{(7) (18)}	%	7 / 10 [15 / 20]	7 / 10 [14 / 20]		12 / 20	10 / 18	12 / 18	11 / 16	%	^{(7) (18)} Gradeability, laden/unladen	5.7	
	5.8	Max. gradeability laden/unladen ^{(7) (18)}	%	15 / 20 [15 / 20]	14 / 20 [14 / 20]		12 / 20	10 / 18	12 / 18	11 / 16	%	^{(7) (18)} Max. gradeability laden/unladen	5.8	
	5.9	Acceleration time laden/unladen ⁽⁷⁾	s	3,3/3,3 [2,6/2,6]	3,4/3,4 [2,7/2,7]		2,6/2,5	2,7/2,6	2,6/2,5	2,7/2,6	s	⁽⁷⁾ Acceleration time laden/unladen	5.9	
	5.10	Service brake		Electric			Electric				Service brake	5.10		
	Electric Motor	6.1	Drive motor S2 60 minute rating ⁽⁷⁾	kW	5,4 [9,6] ⁽¹⁹⁾			9.6			kW	⁽⁷⁾ Drive motor S2 60 minute rating	6.1	
6.2		Lift motor, S3 15% rating ⁽⁷⁾	kW	9,9 [14]			14			kW	⁽⁷⁾ Lift motor, S3 15% rating	6.2		
6.3		Battery according to DIN 43531 / 35 / 36 A,B,C, no		C			C				Battery according to DIN 43531 / 35 / 36 A,B,C, no	6.3		
6.4		Battery voltage/nominal capacity K5	(V) / (Ah)	48/700 ⁽⁶⁾			48/700 ⁽⁶⁾	48/840 ⁽⁶⁾	48/700 ⁽⁶⁾	48/840 ⁽⁶⁾	(V) / (Ah)	Battery voltage/nominal capacity K5	6.4	
6.5		Battery weight ⁽⁴⁾	kg	1119			1119	1306	1119	1306	kg	⁽⁴⁾ Battery weight	6.5	
6.6		Energy consumption according to VDI cycle	kWh/h @ Nr of Cycles	2,72 [2,68]	3,01 [2,96]		3,90 [4,23]	4,08 [4,27]	-	-	kWh/h @ Nr of Cycles	Energy consumption according to VDI cycle	6.6	
6.7		Turnover output according to VDI 2198 ⁽⁷⁾	t/h	56 [60]	65 [68]		79 [79]	97 [97]	-	-	t/h	⁽⁷⁾ Turnover output according to VDI 2198	6.7	
6.8		Turnover efficiency according to VDI 2198 ⁽⁷⁾	t/kWh	20 [18]	20 [20]		19 [18]	23 [22]	-	-	t/kWh	⁽⁷⁾ Turnover efficiency according to VDI 2198	6.8	
Additional Data	8.1	Type of drive unit		AC-Controller			AC-Controller				Type of drive unit	8.1		
	10.1	Operating pressure for attachments	bar	180			180			bar	Operating pressure for attachments	10.1		
	10.2	Oil volume for attachment	l/min	20			20			l/min	Oil volume for attachment	10.2		
	10.7	Sound pressure level at the driver's seat	dB (A)	<69.7			<69.7			dB (A)	Sound pressure level at the driver's seat	10.7		

⁽¹⁾ With load backrest h4 + 508mm MR14 / MR16 / MR16N / MR16HD), + 443mm (MR20 / MR25 / MR20HD).

⁽²⁾ With beacon h6 + 120mm. ; With OHG Grid Protector h6 + 20mm; With OHG Screen Protector h6 + 30mm.

⁽³⁾ With load wheels lateral covers: 1289mm

(MR14 / MR16 / MR20 / MR16HD), 1153mm (MR16N), 1373mm (MR25 / MR20HD).

⁽⁴⁾ These values may vary of +/- 5%.

⁽⁵⁾ Forks retracted.

⁽⁶⁾ See Batteries table.

⁽⁷⁾ Values in brackets are optional.

⁽⁸⁾ Side shift stroke is +/-75mm on all trucks.

Reduced to +/-25mm for MR16N.

⁽⁹⁾ For models MR14-16 with mast 4 stage: x - 53mm

⁽¹⁰⁾ For models MR20-25 with mast 4 stage: x - 108mm.

⁽¹¹⁾ For Ast with mast 4 stage, see 'Mast table 4 stage 14-16' and 'Mast table 4 stage 20-25'

MR16N.

⁽¹²⁾ With OHG Grid Protector h6 + 30mm; with OHG Screen Protector h6 + 45mm.

⁽¹³⁾ For model MR16N with Work Lights on carriage 900mm: b1 +113mm.

⁽¹⁴⁾ With Work Lights on carriage 1100mm: for model MR16N: b1 + 313mm for models

MR14 / MR16 / MR20 / MR16HD: b1 + 173mm for models MR25 / MR20HD: b1+ 93mm.

⁽¹⁵⁾ With PAL side line h6 + 135mm, with Double Work Light to front h6 + 220mm.

⁽¹⁶⁾ For model MR14 with h3 <= 5500mm and battery 420Ah and Operator Shield Transparent (Lexan) / Wire Mesh Screen: l2 + 72mm, x - 72 mm, Ast 4.34.1 = 2781mm, Ast 4.34.2 = 2830mm.

- 72mm, Ast 4.34.1 = 2770mm, Ast 4.34.2 = 2829mm.

⁽¹⁷⁾ For model MR16 with h3 <= 5500mm and battery 420Ah and Operator Shield Transparent (Lexan)/ Wire Mesh Screen: l2 + 72mm, x - 72 mm, Ast 4.34.1 = 2781mm, Ast 4.34.2 = 2830mm.

⁽¹⁸⁾ Gradeability grades based on motor thermal capacity, torque available and brake requirements.

⁽¹⁹⁾ Available traction motor 4kW for Russian market.

⁽²⁰⁾ 9,5 / 9,5 with traction motor 4kw

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

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

MR14, MR16, MR16N - Mast details, 3 stage full free lift (1,400kg / 1.600kg)

		Lift (h ₃) mm	Free lift (h ₂) mm	Height of mast lowered (h ₁) mm	Height of mast extended (h ₄) mm ⁽¹⁾	Weight kg ⁽²⁾⁽³⁾
MR14, MR16	MR16N	5000	1648	2195	5563	911
		5250	1734	2281	5813	936
		5500	1820	2367	6063	961
		5750	1906	2453	6313	986
		6000	1992	2539	6563	1010
		6250	2078	2625	6813	1035
		6500	2164	2711	7063	1060
		6750	2250	2797	7313	1090
		7000	2336	2883	7563	1115
		7250	2422	2969	7813	1140
		7500	2508	3055	8063	1164
		7750	2594	3141	8313	1220
		8000	2680	3227	8563	1244
		8250	2766	3313	8813	1269
		8500	2852	3399	9063	1299
		8750	2938	3485	9313	1324
		9000	3024	3571	9563	1349
		9250	3110	3657	9813	1376
		9500	3196	3743	10063	1407
		9750	3282	3829	10313	1431
		10000	3368	3915	10563	1460
		10250	3454	4001	10813	1485
		10500	3540	4087	11063	1509
		10750	3626	4183	11313	1534

⁽¹⁾ With load backrest 1000mm height, h₄ + 508mm; with load backrest 1500mm height, h₄ + 1008mm.

⁽²⁾ All weights are: mast structures (weldment, cylinders, chain, pulley) + carriage + load backrest + oil. **Excluded:** forks, accessories.

⁽³⁾ With load backrest 700mm width, 1000mm height, weight + 13kg; with load backrest 700mm width, 1500mm height, weight + 21kg.

MR16HD - Mast details, Heavy Duty 3 stage full free lift (1.600kg)

		Lift (h ₃) mm	Free lift (h ₂) mm	Height of mast lowered (h ₁) mm	Height of mast extended (h ₄) mm ⁽¹⁾	Weight kg ⁽²⁾⁽³⁾
		7900	2680	3227	8463	1376
		8150	2766	3313	8713	1404
		8400	2852	3399	8963	1438
		8650	2938	3485	9213	1467
		8900	3024	3571	9463	1495
		9150	3110	3657	9713	1523
		9400	3196	3743	9963	1558
		9650	3282	3839	10213	1586
		9900	3368	3925	10463	1649
		10150	3454	4011	10713	1677
		10400	3540	4097	10963	1706
		10650	3626	4183	11213	1734
		10900	3712	4269	11463	1763
		11150	3798	4355	11713	1791
		11400	3884	4441	11963	1819

⁽¹⁾ With load backrest 1000mm height, h₄ + 508mm; with load backrest 1500mm height, h₄ + 1008mm.

⁽²⁾ All weights are: mast structures (weldment, cylinders, chain, pulley) + carriage + load backrest + oil. **Excluded:** forks, accessories.

⁽³⁾ With load backrest 700mm width, 1000mm height, weight + 13kg; with load backrest 700mm width, 1500mm height, weight + 21kg.

MR20, MR25 - Mast details, 3 stage full free lift (2,000kg / 2.500kg)

		Lift (h ₃) mm	Free lift (h ₂) mm	Height of mast lowered (h ₁) mm	Height of mast extended (h ₄) mm ⁽¹⁾	Weight kg ⁽²⁾⁽³⁾
		4650	1582	2195	5263	958
		4900	1668	2281	5513	985
		5150	1754	2367	5763	1012
		5400	1840	2453	6013	1038
		5650	1926	2539	6263	1065
		5900	2012	2625	6513	1092
		6150	2098	2711	6763	1118
		6400	2184	2797	7013	1150
		6650	2270	2883	7263	1177
		6900	2356	2969	7513	1204
		7150	2442	3055	7763	1230
		7400	2528	3141	8013	1288
		7650	2614	3227	8263	1314
		7900	2700	3313	8513	1341
		8150	2786	3399	8763	1373
		8400	2873	3485	9013	1402
		8650	2959	3571	9263	1431
		8900	3045	3657	9513	1461
		9150	3131	3753	9763	1490
		9400	3217	3839	10013	1520
		9650	3303	3925	10263	1549
		9900	3389	4011	10513	1579
		10150	3475	4097	10763	1608
		10400	3561	4183	11013	1638

⁽¹⁾ With load backrest 1000mm height, h₄ + 443mm; with load backrest 1500mm height, h₄ + 943mm.

⁽²⁾ All weights are: mast structures (weldment, cylinders, chain, pulley) + carriage + load backrest + oil. **Excluded:** forks, accessories.

⁽³⁾ With load backrest 700mm width, 1000mm height, weight + 13kg; with load backrest 700mm width, 1500mm height, weight + 21kg.

MR20HD - Mast details, Heavy Duty 3 stage full free lift (2,000kg)

		Lift (h ₃) mm	Free lift (h ₂) mm	Height of mast lowered (h ₁) mm	Height of mast extended (h ₄) mm ⁽¹⁾	Weight kg ⁽²⁾⁽³⁾
		7750	2614	3227	8363	1402
		8000	2700	3313	8613	1431
		8250	2786	3399	8863	1465
		8500	2872	3485	9113	1494
		8750	2958	3571	9363	1523
		9000	3044	3657	9613	1552
		9250	3130	3753	9863	1587
		9500	3216	3839	10113	1615
		9750	3302	3925	10363	1678
		10000	3388	4011	10613	1707
		10250	3474	4097	10863	1736
		10500	3560	4183	11113	1765
		10750	3646	4269	11363	1793
		11000	3732	4355	11613	1822
		11250	3818	4441	11863	1851
		11500	3904	4527	12113	1880
		11750	3990	4613	12363	1908
		12000	4076	4699	12613	1937
		12250	4162	4785	12863	1966
		12500	4248	4871	13113	1995
		12750	4334	4957	13363	2024
		13000	4420	5043	13613	2051
		13250	4506	5129	13863	2080
		13500	4592	5215	14113	2109
		13750	4678	5301	14363	2138
		14000	4764	5387	14613	2167

⁽¹⁾ With load backrest 1000mm height, h₄ + 443mm; with load backrest 1500mm height, h₄ + 943mm.

⁽²⁾ All weights are: mast structures (weldment, cylinders, chain, pulley) + carriage + load backrest + oil. **Excluded:** forks, accessories.

⁽³⁾ With load backrest 700mm width, 1000mm height, weight + 13kg; with load backrest 700mm width, 1500mm height, weight + 21kg.

MR14, MR16, MR16N - Mast details, 4 stage full free lift (1,400kg / 1.600kg)

		Lift (h ₃) mm	Free lift (h ₂) mm	Height of mast lowered (h ₁) mm	Height of mast extended (h ₄) mm ⁽¹⁾	Weight kg ⁽²⁾⁽³⁾
MR14, MR16	MR16N	6650	1700	2280	7230	1014
		7050	1800	2380	7630	1046
		7450	1900	2480	8030	1078
		7850	2000	2580	8430	1110
		8050	2050	2630	8630	1126
		8300	2150	2730	8880	1158
		8500	2200	2780	9080	1207
		8700	2250	2830	9280	1223
		9150	2400	2980	9730	1271
		9400	2500	3080	9980	1303
		9850	2650	3230	10430	1351
		10050	2700	3280	10630	1367

⁽¹⁾ With load backrest 1000mm height, h₄ + 508mm; with load backrest 1500mm height, h₄ + 1008mm.

⁽²⁾ All weights are: mast structures (weldment, cylinders, chain, pulley) + carriage + oil. **Excluded:** forks, accessories.

⁽³⁾ With load backrest 700mm width, 1000mm height, weight + 13kg; with load backrest 700mm width, 1500mm height, weight + 21kg

MR14, MR16, MR16N - Mast details, 4 stage full free lift (2,000kg / 2.500kg)

		Lift (h ₃) mm	Free lift (h ₂) mm	Height of mast lowered (h ₁) mm	Height of mast extended (h ₄) mm ⁽¹⁾	Weight kg ^{(2) (3)}
MR14, MR16		7050	1800	2380	7630	1295
		7450	1900	2480	8030	1335
		7850	2000	2580	8430	1375
	MR20HD	8050	2050	2630	8630	1395
		8300	2150	2730	8880	1435
		8500	2200	2780	9080	1490
		8700	2250	2830	9280	1510
		9150	2400	2980	9730	1570
		9400	2500	3080	9980	1610
		9850	2650	3230	10430	1670
		10050	2700	3280	10630	1690
		10300	2800	3380	10880	1730
		10500	2850	3430	11080	1750
		10750	2950	3530	11330	1790
		11000	3050	3630	11580	1830
		11400	3150	3730	11980	1870

⁽¹⁾ With load backrest 1000mm height, h₄ + 508 mm; with load backrest 1500mm height, h₄ + 1008mm.

⁽³⁾ With load backrest 700 mm width, 1000mm height, weight + 13kg; with load backrest 700mm width, 1500mm height, weight + 21kg.

All values are nominal values and they are subject to tolerances
For further information, please contact the manufacturer.
Yale products might be subject to change without notice.
Lift trucks illustrated may feature optional equipment.
Values may vary with alternative configurations.

MR14 Mast Information

1.2	Manufacturer's type designation		MR14				
4.34.1	Aisle width for pallets 1000mm x 1200mm crossways	Ast (mm)	2757	2811	2757	2811	2867
4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise	Ast (mm)	2812	2877	2812	2877	2944
6.3	Battery according to DIN 43531/35/36 A,B,C, no		C	C	C "Super"	C "Super"	C
6.4	Battery voltage/nominal capacity K5	(V)/(Ah)	48/420	48/560	48/465	48/620	48/700
6.5	Battery weight ⁽⁴⁾	kg	750	939	750	950	1119

MR16 Mast Information

1.2	Manufacturer's type designation		MR16				
4.34.1	Aisle width for pallets 1000mm x 1200mm crossways ⁽²⁾	Ast (mm)	2768	2820	2768	2820	2875
4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise ⁽²⁾	Ast (mm)	2814	2879	2814	2879	2945
6.3	Battery according to DIN 43531/35/36 A,B,C, no		C	C	C "Super"	C "Super"	C
6.4	Battery voltage/nominal capacity K5	(V)/(Ah)	48/420	48/560	48/465	48/620	48/700
6.5	Battery weight ⁽⁴⁾	kg	750	939	750	950	1119

MR16N Mast Information

1.2	Manufacturer's type designation		MR16N				
4.34.1	Aisle width for pallets 1000mm x 1200mm crossways	Ast (mm)	2801	2869	2801	2869	2941
4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise	Ast (mm)	2859	2941	2859	2941	3025
6.3	Battery according to DIN 43531/35/36 A,B,C, no		B	B	B "Super"	B "Super"	B
6.4	Battery voltage/nominal capacity K5	(V)/(Ah)	48/420	48/560	48/465	48/620	48/700
6.5	Battery weight ⁽⁴⁾	kg	746	937	750	945	1119

MR20 Mast Information

1.2	Manufacturer's type designation		MR20				
4.34.1	Aisle width for pallets 1000mm x 1200mm crossways	Ast (mm)	2884	2884	2940	2940	
4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise	Ast (mm)	2946	2946	3012	3012	
6.3	Battery according to DIN 43531/35/36 A,B,C, no		C	C "Super"	C	C "Super"	
6.4	Battery voltage/nominal capacity K5	(V)/(Ah)	48/560	48/620	48/700	48/775	
6.5	Battery weight ⁽⁴⁾	kg	939	950	1119	1165	

MR25 Mast Information

1.2	Manufacturer's type designation		MR25			
4.34.1	Aisle width for pallets 1000mm x 1200mm crossways	Ast (mm)	2974	2974	3027	3027
4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise	Ast (mm)	3024	3024	3089	3089
6.3	Battery according to DIN 43531/35/36 A,B,C, no		C	C "Super"	C	C "Super"
6.4	Battery voltage/nominal capacity K5	(V)/(Ah)	48/700	48/775	48/840	48/930
6.5	Battery weight ⁽⁴⁾	kg	1119	1165	1306	1368

MR20HD Mast Information

1.2	Manufacturer's type designation		MR20HD			
4.34.1	Aisle width for pallets 1000mm x 1200mm crossways	Ast (mm)	2944	2944	3001	3001
4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise	Ast (mm)	3017	3017	3084	3084
6.3	Battery according to DIN 43531/35/36 A,B,C, no		C	C "Super"	C	C "Super"
6.4	Battery voltage/nominal capacity K5	(V)/(Ah)	48/700	48/775	48/840	48/930
6.5	Battery weight ⁽⁴⁾	kg	1119	1165	1306	1368

⁽⁴⁾ These values may vary of +/- 5%.

MR14 truck dimensions for batteries

Distinguishing mark	1.2	Manufacturer's type designation		MR14											
	1.8	Load distance, centre of drive axle to fork	x (mm)	402	402	402	330	330	330	330	258	258	258	258	258
	1.9	Wheelbase	y (mm)	1400											
Weights	2.1	Service weight	kg	3112	3112	-	3309	3320	-	-	3495	3541	-	-	-
	2.3	Axle loading, unladen front/rear ⁽⁴⁾	kg	1977/1135	1977/1135	-	2025/1285	2032/1289	-	-	2055/1440	2084/1457	-	-	-
	2.4	Axle loading fork advanced, laden front/rear	kg	682/3830	682/3830	-	792/3917	800/3921	-	-	885/4010	914/4027	-	-	-
	2.5	Axle loading fork retracted, laden front/rear	kg	1778/2735	1778/2735	-	1753/2956	1760/2960	-	-	1711/3184	1741/3201	-	-	-
	4.19	Overall length	l1 (mm)	2379	2379	2379	2451	2451	2451	2451	2523	2523	2523	2523	2595
Dimensions	4.20	Length to face of forks	l2 (mm)	1229	1229	1229	1301	1301	1301	1301	1373	1373	1373	1373	1445
	4.28	Reach distance	l4 (mm)	585	585	585	513	513	513	513	441	441	441	441	441
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways ⁽²⁾	Ast (mm)	2718	2718	2718	2771	2771	2771	2771	2828	2826	2826	2826	2826
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise ⁽²⁾	Ast (mm)	2764	2764	2764	2829	2829	2829	2829	2895	2895	2895	2895	2895
	4.35	Turning radius	Wa (mm)	1671	1671	1671	1671	1671	1671	1671	1671	1671	1671	1671	1671
	6.3	Battery according to DIN 43531 / 35 / 36 A,B,C, no		C	C "Super"	no	C	C "Super"	no	no	C	C "Super"	no	no	no
Electric-engine	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48/420	48/465	48/288 ⁽³⁾	48/560	48/620	48/432 ⁽³⁾	48/540 ⁽³⁾	48/700	48/775	48/540 ⁽³⁾	48/576 ⁽³⁾	48/720 ⁽³⁾
	6.5	Battery weight ⁽¹⁾	kg	750	750	750	939	950	939	936	1119	1165	1107	1119	1107

MR16 truck dimensions for batteries

Distinguishing mark	1.2	Manufacturer's type designation		MR16											
	1.8	Load distance, centre of drive axle to fork	x (mm)	452	452	452	380	380	380	380	308	308	308	308	308
	1.9	Wheelbase	y (mm)	1450											
Weights	2.1	Service weight	kg	3162	3162	-	3360	3371	-	-	3546	3592	-	-	-
	2.3	Axle loading, unladen front/rear ⁽⁴⁾	kg	2018/1144	2018/1144	-	2069/1291	2077/1294	-	-	2103/1443	2133/1459	-	-	-
	2.4	Axle loading fork advanced, laden front/rear	kg	601/4162	601/4162	-	714/4246	721/4250	-	-	810/4336	839/4352	-	-	-
	2.5	Axle loading fork retracted, laden front/rear	kg	1853/2909	1853/2909	-	1825/3135	1832/3139	-	-	1779/3367	1809/3383	-	-	-
	4.19	Overall length	l1 (mm)	2379	2379	2379	2451	2451	2451	2451	2523	2523	2523	2523	2523
Dimensions	4.20	Length to face of forks	l2 (mm)	1229	1229	1229	1301	1301	1301	1301	1373	1373	1373	1373	1373
	4.28	Reach distance	l4 (mm)	635	635	635	563	563	563	563	491	491	491	491	491
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways ⁽²⁾	Ast (mm)	2731	2731	2731	2781	2781	2781	2781	2834	2834	2834	2834	2834
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise ⁽²⁾	Ast (mm)	2767	2767	2767	2830	2830	2830	2830	2896	2896	2896	2896	2896
	4.35	Turning radius	Wa (mm)	1718	1718	1718	1718	1718	1718	1718	1718	1718	1718	1718	1718
	6.3	Battery according to DIN 43531 / 35 / 36 A,B,C, no		C	C "Super"	no	C	C "Super"	no	no	C	C "Super"	no	no	no
Electric-engine	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48/420	48/465	48/288 ⁽³⁾	48/560	48/620	48/432 ⁽³⁾	48/540 ⁽³⁾	48/700	48/775	48/540 ⁽³⁾	48/576 ⁽³⁾	48/720 ⁽³⁾
	6.5	Battery weight ⁽¹⁾	kg	750	750	750	939	950	939	936	1119	1165	1107	1119	1107

MR16N truck dimensions for batteries

Distinguishing mark	1.2	Manufacturer's type designation		MR16N										
	1.8	Load distance, centre of drive axle to fork	x (mm)	382	382	382	292	292	292	292	202	202	202	202
	1.9	Wheelbase	y (mm)	1450										
Weights	2.1	Service weight	kg	3111	3115	-	3309	3317	-	-	3498	3514		
	2.3	Axle loading, unladen front/rear ⁽⁴⁾	kg	1922/1189	1924/1191	-	1947/1362	1952/1365	-	-	1955/1543	1965/1549		
	2.4	Axle loading fork advanced, laden front/rear	kg	569/4142	572/4143	-	672/4237	677/4240	-	-	757/4341	766/4347		
	2.5	Axle loading fork retracted, laden front/rear	kg	1680/3032	1682/3033	-	1606/3303	1611/3306	-	-	1514/3584	1524/3590		
	4.19	Overall length	l1 (mm)	2449	2449	2449	2539	2539	2539	2539	2629	2629		
Dimensions	4.20	Length to face of forks	l2 (mm)	1299	1299	1299	1389	1389	1389	1389	1479	1479		
	4.28	Reach distance	l4 (mm)	565	565	565	475	475	475	475	385	385		
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways ⁽²⁾	Ast (mm)	2762	2762	2762	2828	2828	2828	2828	2898	2899		
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise ⁽²⁾	Ast (mm)	2811	2811	2811	2893	2893	2893	2893	2976	2976		
	4.35	Turning radius	Wa (mm)	1700	1700	1700	1700	1700	1700	1700	1700	1700		
	6.3	Battery according to DIN 43531 / 35 / 36 A,B,C, no		B	B "Super"	no	B	B "Super"	no	no	B	B "Super"		
Electric-engine	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48/420	48/465	48/288 ⁽³⁾	48/560	48/620	48/360 ⁽³⁾	48/432 ⁽³⁾	48/700	48/775		
	6.5	Battery weight ⁽¹⁾	kg	746	750	746	937	945	937	937	1119	1135		

MR16HD truck dimensions for batteries

Distinguishing mark	1.2	Manufacturer's type designation		MR16HD										
	1.8	Load distance, centre of drive axle to fork	x (mm)	308	308	308	308	293	293	293	293	293		
Weights	1.9	Wheelbase	y (mm)	1450										
	2.1	Service weight	kg	4038	4049	-	-	4224	4270	-	-	-		
	2.3	Axle loading, unladen front/rear ⁽⁴⁾	kg	2417/1621	2424/1625	-	-	2428/1796	2457/1813	-	-	-		
	2.4	Axle loading fork advanced, laden front/rear	kg	883/4755	891/4758	-	-	979/4845	1009/4861	-	-	-		
	2.5	Axle loading fork retracted, laden front/rear	kg	2172/3466	2180/3469	-	-	2104/3720	2134/3736	-	-	-		
Dimensions	4.19	Overall length	l1 (mm)	2523	2523	2523	2523	2523	2523	2523	2523	2523		
	4.20	Length to face of forks	l2 (mm)	1373	1373	1373	1373	1388	1388	1388	1388	1388		
	4.28	Reach distance	l4 (mm)	491	491	491	491	491	491	491	491	491		
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways ⁽²⁾	Ast (mm)	2834	2834	2834	2834	2845	2845	2845	2845	2845		
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise ⁽²⁾	Ast (mm)	2896	2896	2896	2896	2909	2909	2909	2909	2909		
	4.35	Turning radius	Wa (mm)	1718	1718	1718	1718	1718	1718	1718	1718	1718		
Electric-engine	6.3	Battery according to DIN 43531 / 35 / 36 A,B,C, no		C	C "Super"	no	no	C	C "Super"	no	no	no		
	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48/560	48/620	48/432 ⁽³⁾	48/540 ⁽³⁾	48/700	48/775	48/540 ⁽³⁾	48/576 ⁽³⁾	48/720 ⁽³⁾		
	6.5	Battery weight ⁽¹⁾	kg	939	950	936	936	1119	1165	1107	1119	1107		

MR20 truck dimensions for batteries

Distinguishing mark	1.2	Manufacturer's type designation		MR20							
	1.8	Load distance, centre of drive axle to fork	x (mm)	415	415	415	415	343	343	343	343
	1.9	Wheelbase	y (mm)	1500							
Weights	2.1	Service weight	kg	3615	3626	-	-	3801	3847	-	-
	2.3	Axle loading, unladen front/rear ⁽⁴⁾	kg	2261/1354	2268/1358	-	-	2296/1504	2326/1520	-	-
	2.4	Axle loading fork advanced, laden front/rear	kg	671/4943	679/4947	-	-	770/5030	801/5046	-	-
	2.5	Axle loading fork retracted, laden front/rear	kg	2032/3583	2039/3586	-	-	1971/3829	2002/3845	-	-
Dimensions	4.19	Overall length	l1 (mm)	2451	2451	2451	2451	2523	2523	2523	2523
	4.20	Length to face of forks	l2 (mm)	1316	1316	1316	1316	1388	1388	1388	1388
	4.28	Reach distance	l4 (mm)	613	613	613	613	541	541	541	541
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways ⁽²⁾	Ast (mm)	2805	2805	2805	2805	2857	2857	2857	2857
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise ⁽²⁾	Ast (mm)	2848	2848	2848	2848	2913	2912	2912	2912
	4.35	Turning radius	Wa (mm)	1767	1767	1767	1767	1767	1767	1767	1767
Electric-engine	6.3	Battery according to DIN 43531 / 35 / 36 A,B,C, no		C	C "Super"	no	no	C	C "Super"	no	no
	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48/560	48/620	48/432 ⁽³⁾	48/540 ⁽³⁾	48/700	48/775	48/540 ⁽³⁾	48/720 ⁽³⁾
	6.5	Battery weight ⁽¹⁾	kg	939	950	936	936	1119	1165	1107	1107

MR20HD truck dimensions for batteries

Distinguishing mark	1.2	Manufacturer's type designation		MR20HD							
	1.8	Load distance, centre of drive axle to fork	x (mm)	387	387	387	387	387	315	315	315
	1.9	Wheelbase	y (mm)	1550							
Weights	2.1	Service weight	kg	4425	4471	-	-	-	4617	4679	-
	2.3	Axle loading, unladen front/rear ⁽⁴⁾	kg	2567/1858	2597/1874	-	-	-	2577/2040	2616/2063	-
	2.4	Axle loading fork advanced, laden front/rear	kg	891/5534	921/5550	-	-	-	985/5632	1024/5655	-
	2.5	Axle loading fork retracted, laden front/rear	kg	2235/4189	2266/4205	-	-	-	2149/4468	2189/4490	-
Dimensions	4.19	Overall length	l1 (mm)	2528	2528	2528	2528	2528	2600	2600	2600
	4.20	Length to face of forks	l2 (mm)	1393	1393	1393	1393	1393	1465	1465	1465
	4.28	Reach distance	l4 (mm)	536	536	536	536	536	464	464	464
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways ⁽²⁾	Ast (mm)	2872	2872	2872	2872	2872	2926	2926	2926
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise ⁽²⁾	Ast (mm)	2921	2921	2921	2921	2921	2986	2986	2986
	4.35	Turning radius	Wa (mm)	1815	1815	1815	1815	1815	1815	1815	1815
Electric-engine	6.3	Battery according to DIN 43531 / 35 / 36 A,B,C, no		C	C "Super"	no	no	no	C	C "Super"	no
	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48/700	48/775	48/540 ⁽³⁾	48/576 ⁽³⁾	48/720 ⁽³⁾	48/840	48/930	48/720
	6.5	Battery weight ⁽¹⁾	kg	1119	1165	1107	1119	1107	1306	1368	1255

MR25 truck dimensions for batteries

Distinguishing mark	1.2	Manufacturer's type designation		MR25							
	1.8	Load distance, centre of drive axle to fork	x (mm)	508	508	508	508	508	436	436	436
	1.9	Wheelbase	y (mm)	1670							
Weights	2.1	Service weight	kg	4038	4084	-	-	-	4230	4292	-
	2.3	Axle loading, unladen front/rear ⁽⁴⁾	kg	2520/1518	2552/1532	-	-	-	2565/1665	2606/1686	-
	2.4	Axle loading fork advanced, laden front/rear	kg	773/5765	804/5780	-	-	-	876/5855	917/5875	-
	2.5	Axle loading fork retracted, laden front/rear	kg	2371/4167	2402/4182	-	-	-	2306/4424	2348/4444	-
Dimensions	4.19	Overall length	l1 (mm)	2528	2528	2528	2528	2528	2600	2600	2600
	4.20	Length to face of forks	l2 (mm)	1393	1393	1393	1393	1393	1465	1465	1465
	4.28	Reach distance	l4 (mm)	738	738	738	738	738	666	666	666
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways ⁽²⁾	Ast (mm)	2906	2906	2906	2906	2906	2953	2953	2953
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise ⁽²⁾	Ast (mm)	2929	2929	2929	2929	2929	2992	2992	2992
	4.35	Turning radius	Wa (mm)	1930	1930	1930	1930	1930	1930	1930	1930
Electric-engine	6.3	Battery according to DIN 43531 / 35 / 36 A,B,C, no		C	C "Super"	no	no	no	C	C "Super"	no
	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48/700	48/775	48/540 ⁽³⁾	48/576 ⁽³⁾	48/720 ⁽³⁾	48/840	48/930	48/720
	6.5	Battery weight ⁽¹⁾	kg	1119	1165	1107	1119	1107	1306	1368	1255

Notes applicable to all tables on pages 9 and 10.

⁽¹⁾ These values may vary of +/- 5%.

⁽²⁾ Available Li-Ion battery 48V / 450Ah (895kg)

⁽³⁾ Available Li-Ion battery 48V / 450Ah (1067 / 1068kg); Li-Ion battery 48V / 600Ah (1091kg)

⁽⁴⁾ Forks retracted.

All weights (2.1 to 2.5) are with lowest mast and standard forks.

All values are nominal values and they are subject to tolerances

For further information, please contact the manufacturer.

Yale products might be subject to change without notice.

Lift trucks illustrated may feature optional equipment.

Values may vary with alternative configurations.

MR14 Cold Store Cabin dimensions for batteries

Distinguishing mark	1.2	Manufacturer's type designation		MR14											
	1.8	Load distance, centre of drive axle to fork ⁽²⁾	x (mm)	330	330	330	330	330	330	330	258	258	258	258	258
	1.9	Wheelbase	y (mm)	1400											
Weights	2.1	Service weight ⁽⁴⁾	kg	3362	3362	-	3560	3571	-	-	3745	3791	-	-	-
	2.3	Axle loading, unladen front/rear ⁽⁵⁾	kg	2164/1198	2164/1198	-	2231/1329	2238/1333	-	-	2261/1484	2209/1501	-	-	-
	2.4	Axle loading fork advanced, laden front/rear	kg	932/3830	932/3830	-	998/3961	1006/3965	-	-	1091/4054	1120/4071	-	-	-
	2.5	Axle loading fork retracted, laden front/rear	kg	1893/2869	1893/2869	-	1959/3000	1966/3004	-	-	1917/3228	1947/3245	-	-	-
Dimensions	4.7	Height of overhead guard (cabin) ⁽⁴⁾	h6 (mm)	2245	2245	2245	2245	2245	2245	2245	2245	2245	2245	2245	2245
	4.19	Overall length	l1 (mm)	2605	2605	2605	2605	2605	2605	2605	2605	2605	2605	2605	2605
	4.20	Length to face of forks ⁽²⁾	l2 (mm)	1455	1455	1455	1455	1455	1455	1455	1455	1527	1527	1527	1527
	4.28	Reach distance	l4 (mm)	513	513	513	513	513	513	513	513	441	441	441	441
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways ⁽²⁾	Ast (mm)	2895	2895	2895	2895	2895	2895	2895	2895	2950	2950	2950	2950
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise ⁽²⁾	Ast (mm)	2955	2955	2955	2955	2955	2955	2955	2955	3021	3021	3021	3021
	4.35	Turning radius	Wa (mm)	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787
	4.37	Length across wheel arms	l7 (mm)	1949	1949	1949	1949	1949	1949	1949	1949	1949	1949	1949	1949
Electric-engine	6.3	Battery according to DIN 43531 / 35 / 36 A,B,C, no		C	C "Super"	no	C	C "Super"	no	no	C	C "Super"	no	no	no
	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48/420	48/465	48/288 ⁽³⁾	48/560	48/620	48/432 ⁽³⁾	48/540 ⁽³⁾	48/700	48/775	48/540 ⁽³⁾	48/576 ⁽³⁾	48/720 ⁽³⁾
	6.5	Battery weight ⁽¹⁾	kg	750			939	950	939	936	1119	1165	1107	1119	1107

MR16 Cold Store Cabin dimensions for batteries

Distinguishing mark	1.2	Manufacturer's type designation		MR16											
	1.8	Load distance, centre of drive axle to fork ⁽²⁾	x (mm)	380	380	380	380	380	380	380	308	308	308	308	308
	1.9	Wheelbase	y (mm)	1450											
Weights	2.1	Service weight ⁽⁴⁾	kg	3412	3412	-	3610	3621	-	-	3796	3842	-	-	-
	2.3	Axle loading, unladen front/rear ⁽⁵⁾	kg	2206/1206	2206/1206	-	2273/1337	2281/1340	-	-	2307/1489	2337/1505	-	-	-
	2.4	Axle loading fork advanced, laden front/rear	kg	851/4162	851/4162	-	918/4292	925/4296	-	-	1014/4382	1043/4398	-	-	-
	2.5	Axle loading fork retracted, laden front/rear	kg	1962/3051	1962/3051	-	2029/3181	2036/3185	-	-	1983/3413	2013/3429	-	-	-
Dimensions	4.7	Height of overhead guard (cabin) ⁽⁴⁾	h6 (mm)	2245	2245	2245	2245	2245	2245	2245	2245	2245	2245	2245	2245
	4.19	Overall length	l1 (mm)	2605	2605	2605	2605	2605	2605	2605	2605	2605	2605	2605	2605
	4.20	Length to face of forks ⁽²⁾	l2 (mm)	1455	1455	1455	1455	1455	1455	1455	1455	1527	1527	1527	1527
	4.28	Reach distance	l4 (mm)	563	563	563	563	563	563	563	563	491	491	491	491
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways ⁽²⁾	Ast (mm)	2905	2905	2905	2905	2905	2905	2905	2905	2959	2959	2959	2959
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise ⁽²⁾	Ast (mm)	2956	2956	2956	2956	2956	2956	2956	2956	3022	3022	3022	3022
	4.35	Turning radius	Wa (mm)	1834	1834	1834	1834	1834	1834	1834	1834	1834	1834	1834	1834
	4.37	Length across wheel arms	l7 (mm)	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999	1999
Electric-engine	6.3	Battery according to DIN 43531 / 35 / 36 A,B,C, no		C	C "Super"	no	C	C "Super"	no	no	C	C "Super"	no	no	no
	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48/420	48/465	48/288 ⁽³⁾	48/560	48/620	48/432 ⁽³⁾	48/540 ⁽³⁾	48/700	48/775	48/540 ⁽³⁾	48/576 ⁽³⁾	48/720 ⁽³⁾
	6.5	Battery weight ⁽¹⁾	kg	750			939	950	939	936	1119	1165	1107	1119	1107

MR16N Cold Store Cabin dimensions for batteries

MR20 Cold Store Cabin dimensions for batteries

Distinguishing mark	1.2	Manufacturer's type designation		MR20							
	1.8	Load distance, centre of drive axle to fork ⁽²⁾	x (mm)	415	415	415	415	343	343	343	343
	1.9	Wheelbase	y (mm)	1500							
Weights	2.1	Service weight ⁽⁴⁾	kg	3865	3876	-	-	4050	4096	-	-
	2.3	Axle loading, unladen front/rear ⁽⁵⁾	kg	2460/1405	2467/1409	-	-	2495/1555	2525/1571	-	-
	2.4	Axle loading fork advanced, laden front/rear	kg	870/4994	878/4998	-	-	969/5081	1000/5097	-	-
	2.5	Axle loading fork retracted, laden front/rear	kg	2231/3634	2238/3637	-	-	2170/3880	2201/3896	-	-
	4.7	Height of overhead guard (cabin) ⁽⁴⁾	h6 (mm)	2245	2245	2245	2245	2245	2245	2245	2245
Dimensions	4.19	Overall length	l1 (mm)	2605	2605	2605	2605	2677	2677	2677	2677
	4.20	Length to face of forks ⁽²⁾	l2 (mm)	1470	1470	1470	1470	1542	1542	1542	1542
	4.28	Reach distance	l4 (mm)	613	613	613	613	541	541	541	541
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways ⁽²⁾	Ast (mm)	2922	2922	2922	2922	2974	2974	2974	2974
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise ⁽²⁾	Ast (mm)	2965	2965	2965	2965	3030	3030	3030	3030
	4.35	Turning radius	Wa (mm)	1884	1884	1884	1884	1884	1884	1884	1884
	4.37	Length across wheel arms	l7 (mm)	2049	2049	2049	2049	2049	2049	2049	2049
	6.3	Battery according to DIN 43531 / 35 / 36 A,B,C, no	C	C "Super"	no	no	C	C "Super"	no	no	no
	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48/560	48/620	48/432 ⁽³⁾	48/540 ⁽³⁾	48/700	48/775	48/540 ⁽³⁾	48/720 ⁽³⁾
Electric-engine	6.5	Battery weight ⁽¹⁾	kg	939	950	936	936	1119	1165	1107	1119

MR20HD Cold Store Cabin dimensions for batteries

Distinguishing mark	1.2	Manufacturer's type designation		MR20HD							
	1.8	Load distance, centre of drive axle to fork ⁽²⁾	x (mm)	343	343	343	343	316	316	316	316
	1.9	Wheelbase	y (mm)	1550							
Weights	2.1	Service weight ⁽⁴⁾	kg	4675	4721	-	-	-	4867	4929	-
	2.3	Axle loading, unladen front/rear ⁽⁵⁾	kg	2704/1971	2734/1987	-	-	-	2768/2099	2807/2122	-
	2.4	Axle loading fork advanced, laden front/rear	kg	968/5707	998/5723	-	-	-	1176/5691	1215/5714	-
	2.5	Axle loading fork retracted, laden front/rear	kg	2312/4362	2343/4378	-	-	-	2340/4527	2380/4549	-
	4.7	Height of overhead guard (cabin) ⁽⁴⁾	h6 (mm)	2245	2245	2245	2245	2245	2245	2245	2245
Dimensions	4.19	Overall length	l1 (mm)	2727	2727	2727	2727	2727	2754	2754	2754
	4.20	Length to face of forks ⁽²⁾	l2 (mm)	1592	1592	1592	1592	1592	1619	1619	1619
	4.28	Reach distance	l4 (mm)	491	491	491	491	491	464	464	464
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways ⁽²⁾	Ast (mm)	3024	3024	3024	3024	3024	3044	3044	3044
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise ⁽²⁾	Ast (mm)	3080	3080	3080	3080	3080	3104	3104	3104
	4.35	Turning radius	Wa (mm)	1934	1934	1934	1934	1934	1934	1934	1934
	4.37	Length across wheel arms	l7 (mm)	2132	2132	2132	2132	2132	2132	2132	2132
	6.3	Battery according to DIN 43531 / 35 / 36 A,B,C, no	C	C "Super"	no	no	no	C	C "Super"	no	no
	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48/700	48/775	48/540 ⁽³⁾	48/576 ⁽³⁾	48/720 ⁽³⁾	48/840	48/930	48/720
Electric-engine	6.5	Battery weight ⁽¹⁾	kg	1119	1165	1107	1119	1107	1306	1368	1255

MR25 Cold Store Cabin dimensions for batteries

Distinguishing mark	1.2	Manufacturer's type designation		MR25							
	1.8	Load distance, centre of drive axle to fork ⁽²⁾	x (mm)	508	508	508	508	508	436	436	436
	1.9	Wheelbase	y (mm)	1670							
Weights	2.1	Service weight ⁽⁴⁾	kg	4288	4334	-	-	-	4480	4542	-
	2.3	Axle loading, unladen front/rear ⁽⁵⁾	kg	2709/1579	2741/1593	-	-	-	2754/1726	2795/1747	-
	2.4	Axle loading fork advanced, laden front/rear	kg	962/5862	993/5841	-	-	-	1065/5916	1106/5936	-
	2.5	Axle loading fork retracted, laden front/rear	kg	2560/4228	2591/4243	-	-	-	2495/4485	2537/4505	-
	4.7	Height of overhead guard (cabin) ⁽⁴⁾	h6 (mm)	2245	2245	2245	2245	2245	2245	2245	2245
Dimensions	4.19	Overall length	l1 (mm)	2682	2682	2682	2682	2682	2754	2754	2754
	4.20	Length to face of forks ⁽²⁾	l2 (mm)	1547	1547	1547	1547	1547	1619	1619	1619
	4.28	Reach distance	l4 (mm)	738	738	738	738	738	666	666	666
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways ⁽²⁾	Ast (mm)	3030	3030	3030	3030	3030	3077	3077	3077
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise ⁽²⁾	Ast (mm)	3053	3053	3053	3053	3053	3116	3116	3116
	4.35	Turning radius	Wa (mm)	2054	2054	2054	2054	2054	2054	2054	2054
	4.37	Length across wheel arms	l7 (mm)	2283	2283	2283	2283	2283	2283	2283	2283
	6.3	Battery according to DIN 43531 / 35 / 36 A,B,C, no	C	C "Super"	no	no	no	C	C "Super"	no	no
	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48/700	48/775	48/540 ⁽³⁾	48/576 ⁽³⁾	48/720 ⁽³⁾	48/840	48/930	48/720
Electric-engine	6.5	Battery weight ⁽¹⁾	kg	1119	1165	1107	1119	1107	1306	1368	1255

Notes applicable to all tables on pages 11 and 12.

⁽¹⁾ These values may vary of +/- 5%.

⁽²⁾ For model R20/MR20 with h3 = 4650 mm, battery 560 Ah and Cold Store Cab: l2 + 72 mm, x - 72 mm, Ast 4.34.1 =2857 mm, Ast 4.34.2 =2913 mm

⁽³⁾ Li-Ion battery

⁽⁴⁾ With OGH GRID PROTECTOR +45 mm;
With WORK LIGHTS to MAST +125 mm;
With WORK LIGHTS to FRONT +145 mm.;
With PAL (Red Line) on Std/Nrw +65 mm;
With PAL(Red Line) on DriveIN 185 mm;
With BEACON +65 mm

⁽⁵⁾ Forks retracted.

⁽⁶⁾ Cold Store Cabin STD with GLASS Screens / Cold Store Cabin STD with POLICARBONATE Screens: 58kg less

⁽⁷⁾ Cold Store Cabin NARROW with GLASS Screens / Cold Store Cabin NARROW with POLICAROBNATE Screens: 60kg less.

All weights (2.1 to 2.5) are with lowest mast and standard forks.

All values are nominal values and they are subject to tolerances

For further information, please contact the manufacturer.

Yale products might be subject to change without notice.

Lift trucks illustrated may feature optional equipment.

Values may vary with alternative configurations.

MR16 Wide dimensions for batteries

Distinguishing mark	1.2	Manufacturer's type designation		MR16											
	1.8	Load distance, centre of drive axle to fork	x (mm)	452	452	452	380	380	380	380	308	308	308	308	308
	1.9	Wheelbase	y (mm)	1450											
Weights	2.1	Service weight	kg	3214	3214	3214	3409	3409	-	-	3571	3571	-	-	-
	2.3	Axle loading, unladen front/rear ⁽⁴⁾	kg	2062/1172	2062/1172	2062/1172	2096/1313	2096/1313	-	-	2093/1478	2093/1478	-	-	-
	2.4	Axle loading fork advanced, laden front/rear	kg	592/4242	592/4242	592/4242	690/4319	690/4319	-	-	728/4444	728/4444	-	-	-
	2.5	Axle loading fork retracted, laden front/rear	kg	1862/2973	1862/2973	1862/2973	1816/3193	1816/3193	-	-	1710/3462	1710/3462	-	-	-
	4.19	Overall length	l1 (mm)	2379	2379	2379	2451	2451	2451	2523	2523	2523	2523	2523	2523
Dimensions	4.20	Length to face of forks	l2 (mm)	1229	1229	1229	1301	1301	1301	1373	1373	1373	1373	1373	1373
	4.21	Overall width ⁽⁵⁾	b1/b2 (mm)	1465											
	4.23	Fork carriage ISO 2328, class/type A, B		2A											
	4.24	Fork-carriage width	b3 (mm)	900											
	4.25	Distance between fork-arms MIN/MAX ⁽²⁾	b5 (mm)	260/884											
	4.26	Distance between wheel arms/loading surfaces	b4 (mm)	1095											
	4.28	Reach distance	l4 (mm)	635	635	635	563	563	563	563	491	491	491	491	491
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways	Ast (mm)	2731	2731	2731	2781	2781	2781	2781	2834	2834	2834	2834	2834
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise	Ast (mm)	2766	2766	2766	2830	2830	2830	2830	2896	2896	2896	2896	2896
Electric-engine	4.35	Turning radius	Wa (mm)	1720											
	6.3	Battery according to DIN 43531 / 35 / 36 A,B,C, no	C	C "Super"	no	C	C "Super"	no	no	C	C "Super"	no	no	no	no
	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48/420	48/465	48/288 ⁽³⁾	48/560	48/620	48/432 ⁽³⁾	48/540 ⁽³⁾	48/700	48/775	48/540 ⁽³⁾	48/576 ⁽³⁾	48/720 ⁽³⁾
	6.5	Battery weight ⁽¹⁾	kg	750	750	750	939	950	939	936	1119	1165	1107	1119	1107

MR20 Wide dimensions for batteries

Distinguishing mark	1.2	Manufacturer's type designation		MR20								
	1.8	Load distance, centre of drive axle to fork	x (mm)	415	415	415	415	343	343	343	343	343
	1.9	Wheelbase	y (mm)	1500								
	2.1	Service weight	kg	3715	3715	-	-	3878	3878	-	-	-
	2.3	Axle loading, unladen front/rear ⁽⁴⁾	kg	2329/1386	2329/1386	-	-	2327/1551	2327/1551	-	-	-
Weights	2.4	Axle loading fork advanced, laden front/rear	kg	672/5043	672/5043	-	-	707/5171	707/5171	-	-	-
	2.5	Axle loading fork retracted, laden front/rear	kg	2054/3661	2054/3661	-	-	1927/3951	1927/3951	-	-	-
	4.19	Overall length	l1 (mm)	2451	2451	2451	2451	2523	2523	2523	2523	2523
	4.20	Length to face of forks	l2 (mm)	1316	1316	1316	1316	1388	1388	1388	1388	1388
	4.21	Overall width ⁽⁵⁾	b1/b2 (mm)	1465								
	4.23	Fork carriage ISO 2328, class/type A, B		2A								
	4.24	Fork-carriage width	b3 (mm)	900								
	4.25	Distance between fork-arms MIN/MAX ⁽²⁾	b5 (mm)	260/884								
	4.26	Distance between wheel arms/loading surfaces	b4 (mm)	1095								
	4.28	Reach distance	l4 (mm)	613	613	613	613	541	541	541	541	541
Dimensions	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways	Ast (mm)	2806	2806	2806	2806	2858	2858	2858	2858	2858
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise	Ast (mm)	2849	2849	2849	2849	2914	2914	2914	2914	2914
	4.35	Turning radius	Wa (mm)	1768								
	6.3	Battery according to DIN 43531 / 35 / 36 A,B,C, no	C	C "Super"		no	no	C	C "Super"	no	no	no
	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48/560	48/620	48/432 ⁽³⁾	48/540 ⁽³⁾	48/700	48/775	48/540 ⁽³⁾	48/576 ⁽³⁾	48/720 ⁽³⁾
	6.5	Battery weight ⁽¹⁾	kg	939	950	936	936	1119	1165	1107	1119	1107

MR16 Extra Wide dimensions for batteries

Distinguishing mark	1.2	Manufacturer's type designation		MR16											
	1.8	Load distance, centre of drive axle to fork	x (mm)	452	452	452	380	380	380	380	308	308	308	308	308
	1.9	Wheelbase	y (mm)	1450											
Weights	2.1	Service weight	kg	3331	3331	3331	3506	3506			3661	3661			
	2.3	Axle loading, unladen front/rear ⁽⁴⁾	kg	2127/1204	2127/1204	2127/1204	2158/1348	2158/1348			2138/1523	2138/1523			
	2.4	Axle loading fork advanced, laden front/rear	kg	630/4301	630/4301	630/4301	728/4378	728/4378			740/4522	740/4522			
	2.5	Axle loading fork retracted, laden front/rear	kg	1920/3011	1920/3011	1920/3011	1872/3234	1872/3234			1738/3523	1738/3523			
Dimensions	4.19	Overall length	l1 (mm)	2379	2379	2379	2451	2451	2451	2451	2523	2523	2523	2523	2523
	4.20	Length to face of forks	l2 (mm)	1229	1229	1229	1301	1301	1301	1301	1373	1373	1373	1373	1373
	4.21	Overall width ⁽⁵⁾	b1/b2 (mm)	1665											
	4.23	Fork carriage ISO 2328, class/type A, B		2A											
	4.24	Fork-carriage width	b3 (mm)	1100											
	4.25	Distance between fork-arms MIN/MAX ⁽²⁾	b5 (mm)	260/1078											
	4.26	Distance between wheel arms/loading surfaces	b4 (mm)	1295											
	4.28	Reach distance	l4 (mm)	635	635	635	563	563	563	563	491	491	491	491	491
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways	Ast (mm)	2780	2780	2780	2830	2830	2830	2830	2883	2883	2883	2883	2883
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise	Ast (mm)	2815	2815	2815	2879	2879	2879	2879	2945	2945	2945	2945	2945
	4.35	Turning radius	Wa (mm)	1767											
Electric-engine	6.3	Battery according to DIN 43531 / 35 / 36 A,B,C, no	C	C "Super"	no	C	C "Super"	no	no	C	C "Super"	no	no	no	no
	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48/420	48/465	48/288 ⁽³⁾	48/560	48/620	48/432 ⁽³⁾	48/540 ⁽³⁾	48/700	48/775	48/540 ⁽³⁾	48/576 ⁽³⁾	48/720 ⁽³⁾
	6.5	Battery weight ⁽¹⁾	kg	750	750	750	939	950	939	936	1119	1165	1107	1119	1107

MR20 Extra Wide dimensions for batteries

Distinguishing mark	1.2	Manufacturer's type designation		MR20											
	1.8	Load distance, centre of drive axle to fork	x (mm)	415	415	415	415		343	343	343		343		343
	1.9	Wheelbase	y (mm)	1500											
Weights	2.1	Service weight	kg	4041	4041				4195	4195					
	2.3	Axle loading, unladen front/rear ⁽⁴⁾	kg	2573/1468	2573/1468				2553/1643	2553/1643					
	2.4	Axle loading fork advanced, laden front/rear	kg	890/5152	890/5152				895/5300	895/5300					
	2.5	Axle loading fork retracted, laden front/rear	kg	2293/3748	2293/3748				2134/4062	2134/4062					
Dimensions	4.19	Overall length	l1 (mm)	2451	2451	2451	2451		2523	2523	2523		2523		2523
	4.20	Length to face of forks	l2 (mm)	1316	1316	1316	1316		1388	1388	1388		1388		1388
	4.21	Overall width ⁽⁵⁾	b1/b2 (mm)	1665											
	4.23	Fork carriage ISO 2328, class/type A, B		2A											
	4.24	Fork-carriage width	b3 (mm)	1100											
	4.25	Distance between fork-arms MIN/MAX ⁽²⁾	b5 (mm)	260/1078											
	4.26	Distance between wheel arms/loading surfaces	b4 (mm)	1295											
	4.28	Reach distance	l4 (mm)	613	613	613	613		541	541		541		541	541
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways	Ast (mm)	2850	2850	2850	2850		2902	2902	2902		2902		2902
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise	Ast (mm)	2893	2893	2893	2893		2958	2958	2958		2958		2958
	4.35	Turning radius	Wa (mm)	1812											
Electric-engine	6.3	Battery according to DIN 43531 / 35 / 36 A,B,C, no	C	C "Super"	no	no	no	C	C "Super"	no	no	no	no	no	no
	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48/560	48/620	48/432 ⁽³⁾	48/540 ⁽³⁾	48/700	48/775	48/540 ⁽³⁾	48/576 ⁽³⁾		48/720 ⁽³⁾		
	6.5	Battery weight ⁽¹⁾	kg	939	950	936	936	1119	1165	1107	1119		1107		

MR16HD Extra Wide dimensions for batteries

Distinguishing mark	1.2	Manufacturer's type designation		MR20											
	1.8	Load distance, centre of drive axle to fork	x (mm)	308	308	308	308		293	293	293		293		293
	1.9	Wheelbase	y (mm)	1450											
Weights	2.1	Service weight	kg	4404	4404				4559	4559					
	2.3	Axle loading, unladen front/rear ⁽⁴⁾	kg	2696/1708	2696/1708				2640/1918	2640/1918					
	2.4	Axle loading fork advanced, laden front/rear	kg	1345/4659	1345/4659				1068/5090	1068/5090					
	2.5	Axle loading fork retracted, laden front/rear	kg	2404/3600	2404/3600				2234/3924	2234/3924					
Dimensions	4.19	Overall length	l1 (mm)	2523	2523	2523	2523		2523	2523	2523		2523		2523
	4.20	Length to face of forks	l2 (mm)	1373	1373	1373	1373		1388	1388	1388		1388		1388
	4.21	Overall width ⁽⁵⁾	b1/b2 (mm)	1665											
	4.23	Fork carriage ISO 2328, class/type A, B		2A											
	4.24	Fork-carriage width	b3 (mm)	1100											
	4.25	Distance between fork-arms MIN/MAX ⁽²⁾	b5 (mm)	260/1078											
	4.26	Distance between wheel arms/loading surfaces	b4 (mm)	1295											
	4.28	Reach distance	l4 (mm)	491	491	491	491		491	491	491		491		491
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways	Ast (mm)	2883	2883	2883	2883		2894	2894	2894		2894		2894
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise	Ast (mm)	2945	2945	2945	2945		2958	2958	2958		2958		2958
	4.35	Turning radius	Wa (mm)	1767											
Electric-engine	6.3	Battery according to DIN 43531 / 35 / 36 A,B,C, no	C	C "Super"	no	no	no	C	C "Super"	no	no	no	no	no	no
	6.4	Battery voltage/nominal capacity K5	(V) / (Ah)	48/560	48/620	48/432 ⁽³⁾	48/540 ⁽³⁾	48/700	48/775	48/540 ⁽³⁾	48/576 ⁽³⁾		48/720 ⁽³⁾		
	6.5	Battery weight ⁽¹⁾	kg	939	950	936	936	1119	1165	1107	1119		1107		

⁽¹⁾ These values may vary of +/- 5%.

⁽²⁾ Available Li-Ion battery 48V / 450Ah (895kg)

⁽³⁾ Available Li-Ion battery 48V / 450Ah (1067 / 1068kg); Li-Ion battery 48V / 600Ah (1091kg)

⁽⁴⁾ Forks retracted.

⁽⁵⁾ With load wheels lateral covers: 1489 mm (Wide), 1689 mm (Extra Wide)

All weights (2.1 to 2.5) are with lowest mast and standard forks.

All values are nominal values and they are subject to tolerances

For further information, please contact the manufacturer.

Yale products might be subject to change without notice.

Lift trucks illustrated may feature optional equipment.

Values may vary with alternative configurations.

Standard equipment and options

Operator Compartment	Intermediate step	■	■	■	■	■
	Grab handle on overhead guard post	■	■	■	■	■
	Grab handle under armrest	■	■	■	■	■
	AccuTouch mini-levers mounted on adjustable length armrest	■	■	■	■	■
	Joystick mounted on adjustable length armrest	○	○	○	○	○
	Full suspension seat - 60mm suspension travel cloth upholstery	■	■	■	■	■
	Full suspension seat - 80mm suspension travel cloth upholstery	○	○	○	○	○
	Headrest (cloth version only)	○	○	○	○	○
	Synchronised seat cushion and backrest movement (cloth version only)	○	○	○	○	○
	Seat belt	○	○	○	○	○
	Heated seat	○	○	○	○	○
	Antistatic seat (cloth version only)	○	○	○	○	○
	Vinyl seat upholstery	○	○	○	○	○
	Standard display	■	■	■	■	■
	Premium display with touch screen	○	○	○	○	○
	Keyless access	○	○	○	○	○
	Adjustable steering column	■	■	■	■	■
	Automatic park brake Yalestop	■	■	■	■	■
	180° steering	■	■	■	■	■
	360° steering	○	○	○	○	○
	Driver select steering mode 180 / 360° (push button)	○	○	○	○	○
Travel performance	Travel speed 11km/h	■	■	■	■	■
	Travel speed 14km/h with electric load wheel braking	■	■	■	■	■
	Speed slow down mast reached forward	■	■	■	■	■
	Speed slow down on cornering	■	■	■	■	■
	Speed slow down over free lift	■	■	■	■	■
Lift performance / driver assist	3 stage mast / tilting carriage	■	■	■	■	■
	Simultaneous lift / reach functionality	■	■	■	■	■
	Simultaneous hydraulic functionality - 3 functions	○	○	○	○	○
	Mast cushioning over free lift/main lift sections - fixed sensor mounting	■	■	■	■	■
	Lift Comfort package ⁽¹⁾	○	○	○	○	○
	High lift speed	○	○	■	■	■
	Laser line fork positioning aid (above free lift)	○	○	○	○	○
	Auto side shift centring	○	○	○	○	○
	Auto fork levelling in the horizontal position	○	○	○	○	○
	Height preselector (with/without pallet detection device)	○	○	○	○	○
Fork, inner mast and load backrest mounted camera / monitor	○	○	○	○	○	
Weight indicator	○	○	○	○	○	
Application environment	5th hydraulic function	○	○	○	○	○
	Universal support bracket	○	○	○	○	○
	Beverage holder and document tray	○	○	○	○	○
	A4 clipboard	○	○	○	○	○
	Stretch film roll holder	○	○	○	○	○
	Lift limit with override (1 x height setting)	○	○	○	○	○
	Lift limit with override (2 x height settings)	○	○	○	○	○
	Lower limit (with override option)	○	○	○	○	○
	Flashing beacon	○	○	○	○	○
	Work lights x 2 (mast side)	○	○	○	○	○
	Work lights x 2 (drive side)	○	○	○	○	○
	Polycarbonate (lexan) protection on overhead guard	○	○	○	○	○
	Metal grid protection on overhead guard	○	○	○	○	○
	Full view overhead guard	○	○	○	○	○
	Top / front load wheel protection	■	■	■	■	■
	Side load wheel protection	○	○	○	○	○
	High temperature environment	○	○	○	○	○
	Side battery change - battery tray rollers	○	○	○	○	○
	Side battery change table	○	○	○	○	○
	Extension cable	○	○	○	○	○
	Drive-in overhead guard (w 930 x h 1450 / w 930 x h 1700 (mm))	○	○	○	○	○
	Conductive drive and load wheels	○	○	○	○	○
	Wet surface drive and load wheels	○	○	○	○	○
Side guidance rollers	○	○	MR20	○	○	
DC/DC converter (choice of 12V/ 48V, 24V / 48V, 12-24V / 48V options)	○	○	○	○	○	
Audible alarm (choice of forks leading, forks trailing, both travel directions)	○	○	○	○	○	
Load backrest (choice of heights 1000 / 1500mm)	○	○	○	○	○	
Chassis / Battery sizes	Chassis width (max)	1265mm	+	MR20	■	+
		1125mm	+	■	+	+
		1273mm	+	+	+	■
		1345 mm	+	+	MR25	+
	Battery sizes ⁽²⁾	420 - 465 Ah	○	○	+	+
		560 - 620 Ah	○	○	○MR20	○
		700 - 775 Ah	○	○	○	○
		840 - 930 Ah	+	+	○MR25	+

MR series

Models: MR14, MR16, MR16N, MR16HD, MR20, MR20HD, MR25



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