

RRE140/160/180/200/250H, E/C/EC

Specifications					RRE140H, E/C/EC	RRE160H, E/C/EC	RRE180H, E/C/EC	RRE200H, E/C/EC	RRE250H, E/C/EC
Identification	1.1	Manufacturer			Toyota	Toyota	Toyota	Toyota	Toyota
	1.2	Model			RRE140H, E/C/EC	RRE160H, E/C/EC	RRE180H, E/C/EC	RRE200H, E/C/EC	RRE250H, E/C/EC
	1.3	Drive			Electric	Electric	Electric	Electric	Electric
	1.4	Operator type			Seated	Seated	Seated	Seated	Seated
	1.5	Load capacity/rated load	Q	kg	1400	1600	1800	2000	2500
	1.6	Load centre	c	mm	600	600	600	600	600
	1.8	Load distance, centre of support arm wheel to face of fork	x	mm	310 *	394 *	373 *	433 *	388 *
	1.9	Wheelbase	y	mm	1311	1395	1455	1515	1575
	2.1	Service weight including battery		kg	3390	3398	3908	4091	4614
Weight	2.3	Axle load, mast retracted without load, drive/support arm wheel		kg	2067/1323	2123/1274	2357/1551	2510/1581	2702/1912
	2.4	Axle load, mast extended with load, drive/support arm wheel		kg	667/4123	607/4390	717/4991	764/5327	721/6392
	2.5	Axle load, mast retracted with load, drive/support arm wheel		kg	1758/3032	1887/3110	2054/3655	2266/3825	2339/4775
Wheels	3.1	Drive/support arm wheel			Vulkollan®/Vul- kollan®	Vulkollan®/Vul- kollan®	Vulkollan®/ Vulkollan®	Vulkollan®/ Vulkollan®	Vulkollan®/ Vulkollan®
	3.2	Wheel size, front		mm	ø 350x140	ø 350x140	ø400x160	ø400x160	ø400x160
	3.3	Wheel size, rear		mm	ø 300x106	ø 300x106	ø350x106	ø350x106	ø350x106
	3.5	Wheels, number front/rear (x = driven wheels)			1x/2	1x/2	1x/2	1x/2	1x/2
	3.7	Track width, rear	b ₁₁	mm	1134	1134	1134	1134	1134
Dimensions	4.1	Tilt of fork, forward/backward	α/β	deg	-2°/4° *	-2°/4° *	-2°/4° *	-2°/4° *	-2°/4° *
	4.2	Height, mast lowered	h ₁	mm	2887 *	2887 *	2966 *	2966 *	2936 *
	4.3	Free lift	h ₂	mm	2403 *	2403 *	2459 *	2459 *	2449 *
	4.4	Lift	h ₃	mm	6945 *	6945 *	6945 *	6945 *	6945 *
		Lift height	h ₂₃	mm	7000 *	7000 *	7000 *	7000 *	7000 *
	4.5	Height, mast extended	h ₄	mm	7540 *	7540 *	7548 *	7548 *	7545 *
	4.7	Height of overhead guard (cabin)	h ₆	mm	2198	2198	2261	2261	2261
	4.8	Seat height	h ₇	mm	1136	1136	1198	1198	1198
	4.10	Height support arms	h ₈	mm	268	268	330	330	330
	4.15	Height, fork lowered	h ₁₃	mm	55	55	55	55	55
	4.19	Overall length	l ₁	mm	2413	2413	2494	2494	2599
	4.20	Length to face of forks	l ₂	mm	1263	1263	1344	1344	1449
	4.21	Overall width	b ₁	mm	1270	1270	1270	1270	1270
	4.22	Fork dimensions	s/e/l	mm	40/100/1150 *	40/100/1150 *	40/120/1150 *	40/120/1150 *	45/125/1150 *
	4.23	Fork carriage ISO 2328, class/type A, B			2A	2A	2A	2A	2A
	4.24	Fork carriage width	b ₃	mm	819	819	819	819	819
	4.25	Width over forks	b ₅	mm	252 - 698	252 - 698	272 - 718	272 - 718	277 - 723
	4.26	Distance between wheel arms/loading surfaces	b ₄	mm	900 *	900 *	900 *	900 *	900 *
	4.28	Reach distance	l ₄	mm	506 *	590 *	594 *	654 *	609 *
	4.31	Ground clearance, with load, below mast	m ₁	mm	68	68	68	68	68
	4.32	Ground clearance, center of wheelbase ²⁾	m ₂	mm	74	74	74	74	74
	4.34.1	Aisle width for pallets 1000x1200 crossways	A _{st}	mm	2687	2710	2785	2802	2894
	4.34.2	Aisle width for pallets 800x1200 lengthways	A _{st}	mm	2749	2757	2836	2842	2942
	4.35	Turning radius	W _a	mm	1573	1657	1717	1777	1837
	4.37	Length across support arms	l ₇	mm	1744	1828	1913	1973	2033
Performance data	5.1	Travel speed, with/without load		km/h	10,3/11 ¹⁾	10/11 ¹⁾	11/11	11/11	11/11
	5.1	Travel speed, with/without load (High speed version)		km/h	14/14	14/14	14/14	14/14	14/14
	5.2	Lift speed, with/without load		m/s	0,38/0,68	0,36/0,68	—	—	—
	5.2	Lift speed, with/without load (High speed version)		m/s	0,50/0,68	0,50/0,68	0,46/0,68	0,43/0,68	0,37/0,64
	5.3	Lowering speed, with/without load		m/s	0,55/0,59	0,55/0,59	0,55/0,60	0,55/0,60	0,53/0,58
	5.4	Reach speed, with/without load		m/s	0,20/0,28	0,20/0,28	0,20/0,28	0,20/0,28	0,20/0,28
	5.8	Max. gradeability, with/without load ³⁾		%	10/15	10/15	10/15	10/15	7/12
	5.9	Acceleration time with/without load (over 10 m)		s	5,4/4,9	5,5/4,9	4,9/4,4	5,0/4,5	5,4/4,7
Electric motor	5.10	Service brake			Electric	Electric	Electric	Electric	Electric
	6.1	Drive motor rating S2 60 min		kW	7,5	7,5	9,0	9,0	9,0
	6.2	Lift motor rating S3 15%		kW	11,0	11,0	—	—	—
	6.2	Lift motor rating S3 15% (High speed version)		kW	15,0	15,0	15,0	15,0	15,0
	6.4	Battery voltage, nominal capacity K ₅		VI/Ah	48/465 *	48/465 *	48/620 *	48/620 *	48/775 *
	6.5	Battery weight		kg	685 *	685 *	875 *	875 *	1055 *
	6.6	Energy consumption according to VDI cycle		kWh/h	3,4	3,7	3,9	4,7	5,2
	6.7	Turnover output		t/h	56	66	76	84	105
Other	6.8	Energy consumption at turnover output		kWh/h	3,2	3,3	3,7	4,2	4,7
	8.1	Type of drive control			Variable AC	Variable AC	Variable AC	Variable AC	Variable AC
Other	8.4	Sound level at the driver's ear according to EN 12 053		dB(A)	66	66	66	66	66

1) 11/11 km/h with support wheel brake.

2) 15 mm under studs.

3) Measured according to company standard.

* Other alternatives are available.

Battery compartment

Dimensions				RRE140H, E/C/EC			RRE160H, E/C/EC		
Mast type				Triplex Hi-Lo - A			Triplex Hi-Lo - A		
	Battery compartment		mm	275	347	419	275	347	419
1.8	Load distance, centre of support arm wheel to face of forks	x	mm	310 ¹⁾	238 ¹⁾	157	394 ¹⁾	322 ¹⁾	250 ¹⁾
4.20	Length to face of forks	l_2	mm	1263 ²⁾	1335 ²⁾	1416	1263 ²⁾	1335 ²⁾	1407 ²⁾
4.33	Aisle width for pallets 1000x1200 crossways	A_{st}	mm	2687	2743	2808	2710	2762	2817
4.34	Aisle width for pallets 800x1200 lengthways	A_{st}	mm	2749	2815	2890	2757	2822	2888
4.35	Turning radius	W_a	mm	1573	1573	1573	1657	1657	1657
6.4	Battery voltage, nominal capacity K_s , Lead-acid		V/Ah	48/465	48/620	48/775	48/465	48/620	48/775
6.4	Battery voltage, nominal capacity K_s , Li-Ion *		V/Ah	—	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448
6.5	Battery weight, min. - max.		kg	685 - 825	875 - 1030	1055 - 1235	685 - 825	875 - 1030	1055 - 1235

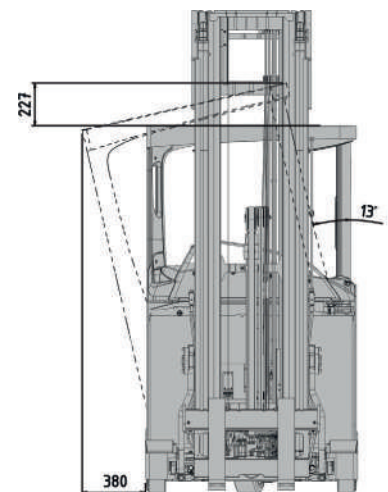
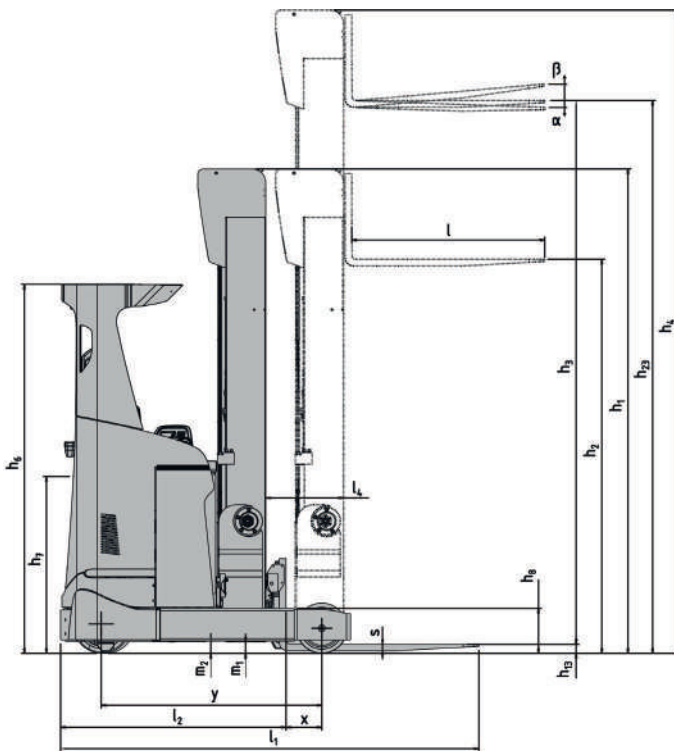
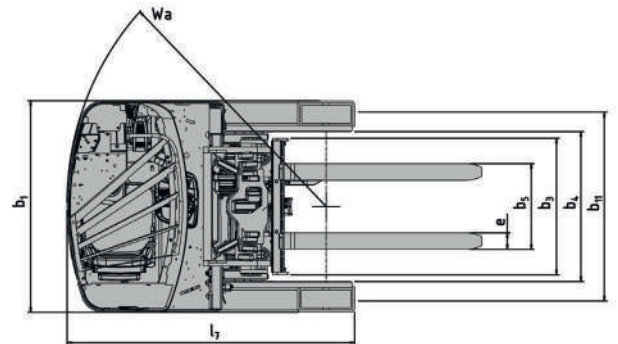
1) With battery in sleigh - 9 mm.

2) With battery in sleigh + 9 mm.

* Li-Ion battery not available for Coldstore.

Mast dimensions

RRE140/160H, E/C/EC				Triplex Hi-Lo - A												
	Lift height	h_{23}	mm	4900	5400	5700	6300	7000	7250	7500	8000	8500	9000	9500	10000	10500
4.4	Lift	h_3	mm	4845	5345	5645	6245	6945	7195	7445	7945	8445	8945	9445	9945	10445
4.2	Height, mast lowered	h_1	mm	2187	2354	2454	2654	2887	2971	3054	3221	3387	3554	3721	3887	4054
4.3	Free lift	h_2	mm	1703	1871	1971	2171	2403	2487	2571	2737	2903	3071	3237	3403	3571
4.5	Height, mast extended	h_4	mm	5440	5941	6241	6841	7540	7792	8041	8542	9040	9541	10042	10540	11041



Battery compartment

Dimensions				RRE180H, E/C/EC						RRE200H, E/C/EC									RRE250H, E/C/EC			
Mast type				Triplex Hi-Lo - B			Triplex Hi-Lo - C			Triplex Hi-Lo - B			Triplex Hi-Lo - C			Triplex Hi-Lo - D			Triplex Hi-Lo - C		Triplex Hi-Lo - D	
	Battery compartment		mm	347	419	491	347	419	491	347	419	491	347	419	491	347	419	491	419	491	419	491
1.8	Load distance, centre of support arm wheel to face of forks	x	mm	373	301	229	340	268	196	433	361	289	400	328	256	345	273	201	388	316	333	261
4.20	Length to face of forks	l_2	mm	1344	1416	1488	1377	1449	1521	1344	1416	1488	1377	1449	1521	1432	1504	1576	1449	1521	1504	1576
4.33	Aisle width for pallets 1000x1200 crossways	A_{st}	mm	2785	2838	2894	2809	2863	2920	2802	2853	2907	2825	2878	2933	2865	2920	2976	2894	2947	2934	2989
4.34	Aisle width for pallets 800x1200 lengthways	A_{st}	mm	2836	2901	2967	2865	2931	2998	2842	2906	2972	2871	2936	3002	2921	2987	3053	2942	3007	2992	3058
4.35	Turning radius	W_n	mm	1717	1717	1717	1717	1717	1717	1777	1777	1777	1777	1777	1777	1777	1777	1777	1837	1837	1837	1837
6.4	Battery voltage, nominal capacity K_5 , Lead-acid		V/Ah	48/620	48/775	48/930	48/620	48/775	48/930	48/620	48/775	48/930	48/620	48/775	48/930	48/620	48/775	48/930	48/775	48/930	48/775	48/930
6.4	Battery voltage, nominal capacity K_5 , Li-Ion *		V/Ah	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448	48/308, 48/448
6.5	Battery weight, min.—max.		kg	875-1030	1055-1235	1250-1440	875-1030	1055-1235	1250-1440	875-1030	1055-1235	1250-1440	875-1030	1055-1235	1250-1440	875-1030	1055-1235	1250-1440	1055-1235	1250-1440	1055-1235	1250-1440

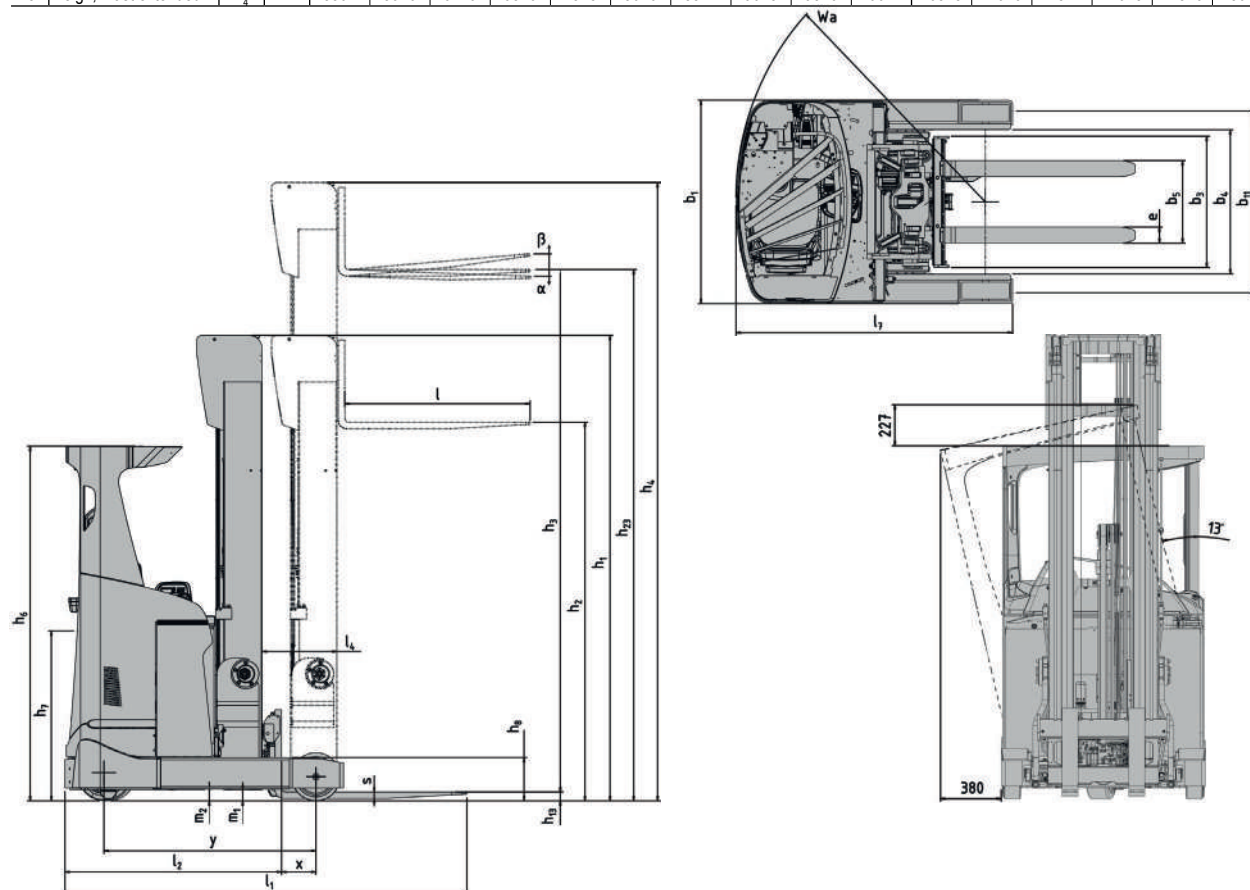
* Li-Ion battery not available for Coldstore.

Mast dimensions

RRE180H, E/C/EC				Triplex Hi-Lo - B												Triplex Hi-Lo - C				
	Lift height	h ₂₃	mm	4850	5400	5700	6300	7000	7500	8000	8500	9000	9500	10000	10500	11000	11500	12000	12500	13000
4.4	Lift	h ₃	mm	4795	5345	5645	6245	6945	7445	7945	8445	8945	9445	9945	10445	10945	11445	11945	12445	12945
4.2	Height, mast lowered	h ₁	mm	2249	2432	2532	2732	2966	3132	3299	3466	3632	3799	3966	4132	4299	4463	4630	4797	4963
4.3	Free lift	h ₂	mm	1741	1925	2025	2225	2459	2625	2791	2959	3125	3291	3459	3625	3791	3949	4117	4283	4449
4.5	Heigh, mast extended	h ₄	mm	5397	5946	6246	6846	7548	8046	8547	9048	9546	10047	10548	11046	11547	12045	12546	13047	13545

RRE200H, E/C/EC				Triplex Hi-Lo - B												Triplex Hi-Lo - C			Triplex Hi-Lo - D			
	Lift height	h ₂₃	mm	4850	5400	5700	6300	7000	7500	8000	8500	9000	9500	10000	10500	11000	11500	12000	12500	13000		
4.4	Lift	h ₃	mm	4795	5345	5645	6245	6945	7445	7945	8445	8945	9445	9945	10445	10945	11445	11945	12445	12945		
4.2	Height, mast lowered	h ₁	mm	2249	2432	2532	2732	2966	3132	3299	3466	3632	3799	3963	4130	4297	4463	4630	4797	4963		
4.3	Free lift	h ₂	mm	1741	1925	2025	2225	2459	2625	2791	2959	3125	3291	3449	3617	3783	3949	4117	4283	4449		
4.5	Heigh, mast extended	h ₄	mm	5397	5946	6246	6846	7548	8046	8547	9048	9546	10047	10545	11046	11547	12045	12546	13047	13545		

RRE250H, E/C/EC				Triplex Hi-Lo - C												Triplex Hi-Lo - D				
	Lift height	h ₂₃	mm	4850	5400	5700	6300	7000	7500	8000	8500	9000	9500	10000	10500	11000	11500	12000	12500	13000
4.4	Lift	h ₃	mm	4795	5345	5645	6245	6945	7445	7945	8445	8945	9445	9945	10445	10945	11445	11945	12445	12945
4.2	Height, mast lowered	h ₁	mm	2247	2430	2530	2730	2936	3130	3297	3463	3630	3797	3963	4130	4297	4463	4630	4797	4963
4.3	Free lift	h ₂	mm	1733	1917	2017	2217	2449	2617	2783	2949	3117	3283	3449	3617	3783	3949	4117	4283	4449
4.5	Heigh, mast extended	h ₄	mm	5397	5946	6246	6846	7545	8046	8547	9045	9546	10047	10545	11046	11547	12045	12546	13047	13545



RRE140/160/180/200/250HCC/HECC with heated cabin

Specifications					RRE140 HCC/HECC	RRE160 HCC/HECC	RRE180 HCC/HECC	RRE200 HCC/HECC	RRE250 HCC/HECC
Identification	1.1	Manufacturer			Toyota	Toyota	Toyota	Toyota	Toyota
	1.2	Model			RRE140 HCC/HECC	RRE160 HCC/HECC	RRE180 HCC/HECC	RRE200 HCC/HECC	RRE250 HCC/HECC
	1.3	Drive			Electric	Electric	Electric	Electric	Electric
	1.4	Operator type			Seated	Seated	Seated	Seated	Seated
	1.5	Load capacity/rated load	Q	kg	1400	1600	1800	2000	2500
	1.6	Load centre	c	mm	600	600	600	600	600
	1.8	Load distance, centre of support arm wheel to face of fork	x	mm	238 *	322 *	373 *	433 *	388 *
	1.9	Wheelbase	y	mm	1311	1395	1455	1515	1575
Weight	2.1	Service weight including battery		kg	3760	3767	4033	4216	4738
	2.3	Axle load, mast retracted without load, drive/support arm wheel		kg	2289/1471	2353/1414	2518/1515	2670/1546	2860/1879
	2.4	Axle load, mast extended with load, drive/support arm wheel		kg	967/4193	911/4456	878/4955	924/5292	879/6359
	2.5	Axle load, mast retracted with load, drive/support arm wheel		kg	1902/3257	2035/3333	2215/3618	2425/3791	2497/4741
Wheels	3.1	Drive/support arm wheel			Vulkollan®/ Vulkollan®	Vulkollan®/ Vulkollan®	Vulkollan®/ Vulkollan®	Vulkollan®/ Vulkollan®	Vulkollan®/ Vulkollan®
	3.2	Wheel size, front		mm	ø 350x140	ø 350x140	ø400x160	ø400x160	ø400x160
	3.3	Wheel size, rear		mm	ø 300x106	ø 300x106	ø350x106	ø350x106	ø350x106
	3.5	Wheels, number front/rear (x = driven wheels)			1x/2	1x/2	1x/2	1x/2	1x/2
	3.7	Track width, rear	b ₁₁	mm	1134	1134	1134	1134	1134
Dimensions	4.1	Tilt of fork, forward/backward	α/β	deg	-2°/4° *	-2°/4° *	-2°/4° *	-2°/4° *	-2°/4° *
	4.2	Height, mast lowered	h ₁	mm	2887 *	2887 *	2966 *	2966 *	2936 *
	4.3	Free lift	h ₂	mm	2403 *	2403 *	2459 *	2459 *	2449 *
	4.4	Lift	h ₃	mm	6945 *	6945 *	6945 *	6945 *	6945 *
		Lift height	h ₂₃	mm	7000 *	7000 *	7000 *	7000 *	7000 *
	4.5	Height, mast extended	h ₄	mm	7540 *	7540 *	7548 *	7548 *	7545 *
	4.7	Height of overhead guard (cabin)	h ₆	mm	2200	2200	2263	2263	2263
	4.8	Seat height	h ₇	mm	1136	1136	1198	1198	1198
	4.10	Height support arms	h ₈	mm	268	268	330	330	330
	4.15	Height, fork lowered	h ₁₃	mm	55	55	55	55	55
	4.19	Overall length	l ₁	mm	2548	2548	2557	2557	2662
	4.20	Length to face of forks	l ₂	mm	1398	1398	1407	1407	1512
	4.21	Overall width	b ₁	mm	1270	1270	1270	1270	1270
	4.22	Fork dimensions	s/e/l	mm	40/100/1150 *	40/100/1150 *	40/120/1150 *	40/120/1150 *	45/125/1150 *
	4.23	Fork carriage ISO 2328, class/type A, B			2A	2A	2A	2A	2A
	4.24	Fork carriage width	b ₃	mm	819	819	819	819	819
	4.25	Width over forks	b ₅	mm	252 - 698	252 - 698	272 - 718	272 - 718	277 - 723
	4.26	Distance between wheel arms/loading surfaces	b ₄	mm	900 *	900 *	900 *	900 *	900 *
	4.28	Reach distance	l ₄	mm	434 *	518 *	594 *	654 *	609 *
	4.31	Ground clearance, with load, below mast	m ₁	mm	68	68	68	68	68
	4.32	Ground clearance, center of wheelbase ¹⁾	m ₂	mm	74	74	74	74	74
	4.34.1	Aisle width for pallets 1000x1200 crossways	A _{st}	mm	2802	2825	2848	2865	2957
	4.34.2	Aisle width for pallets 800x1200 lengthways	A _{st}	mm	2877	2885	2899	2905	3005
	4.35	Turning radius	W _a	mm	1620	1720	1780	1840	1900
	4.37	Length across support arms	l ₇	mm	1807	1891	1976	2036	2096
Performance data	5.1	Travel speed, with/without load		km/h	10,3/11 ³⁾	10/11 ³⁾	11/11	11/11	11/11
	5.1	Travel speed, with/without load (High speed version)		km/h	14/14	14/14	14/14	14/14	14/14
	5.2	Lift speed, with/without load		m/s	0,38/0,68	0,36/0,68	—	—	—
	5.2	Lift speed, with/without load (High speed version)		m/s	0,50/0,68	0,50/0,68	0,46/0,68	0,43/0,68	0,37/0,64
	5.3	Lowering speed, with/without load		m/s	0,59/0,55	0,59/0,55	0,55/0,60	0,55/0,60	0,53/0,58
	5.4	Reach speed, with/without load		m/s	0,20/0,28	0,20/0,28	0,20/0,28	0,20/0,28	0,20/0,28
	5.8	Max. gradeability, with/without load ²⁾		%	10/15	10/15	10/15	10/15	7/12
Electric motor	5.10	Service brake			Electric	Electric	Electric	Electric	Electric
	6.1	Drive motor rating S2 60 min		kW	7,5	7,5	9,0	9,0	9,0
	6.2	Lift motor rating S3 15%		kW	11,0	11,0	—	—	—
	6.2	Lift motor rating S3 15% (High speed version)		kW	15,0	15,0	15,0	15,0	15,0
	6.4	Battery voltage, nominal capacity K _s		V/Ah	48/620 *	48/620 *	48/620 *	48/620 *	48/775 *
Other	6.5	Battery weight		kg	875 *	875 *	875 *	875 *	1055 *
	8.1	Type of drive control			Variable AC	Variable AC	Variable AC	Variable AC	Variable AC

1) 15 mm under studs. 2) Measured according to company standard. 3) 11/11 km/h with support wheel brake. * Other alternatives are available.

Battery compartment

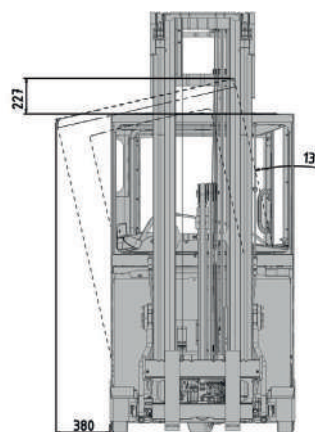
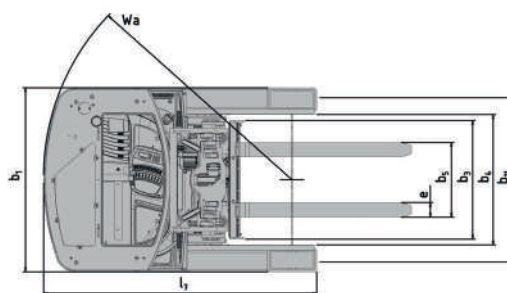
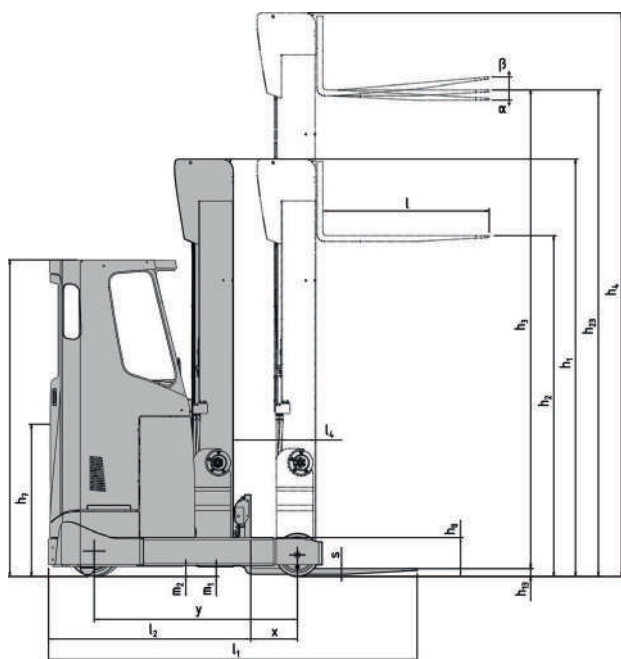
Dimensions				RRE180HCC/HECC						RRE200HCC/HECC									RRE250HCC/HECC			
Mast type				Triplex Hi-Lo - B			Triplex Hi-Lo - C			Triplex Hi-Lo - B			Triplex Hi-Lo - C			Triplex Hi-Lo - D			Triplex Hi-Lo - C		Triplex Hi-Lo - D	
	Battery compartment		mm	347	419	491	347	419	491	347	419	491	347	419	491	347	419	491	419	491	419	491
1.8	Load distance, centre of support arm wheel to face of forks	x	mm	373	301	229	340	268	196	433	361	289	400	328	256	345	273	201	388	316	333	261
4.20	Length to face of forks	l_2	mm	1344	1416	1488	1377	1449	1521	1344	1416	1488	1377	1449	1521	1432	1504	1576	1449	1521	1504	1576
4.33	Aisle width for pallets 1000x1200 crossways	A_{st}	mm	2848	2901	2957	2872	2926	2983	2865	2916	2970	2888	2941	2996	2928	2983	3039	2957	3010	2997	3052
4.34	Aisle width for pallets 800x1200 lengthways	A_{st}	mm	2899	2964	3030	2928	2994	3061	2905	2969	3035	2934	2999	3065	2984	3050	3116	3005	3070	3055	3121
4.35	Turning radius	W_b	mm	1780	1780	1780	1780	1780	1780	1840	1840	1840	1840	1840	1840	1840	1840	1840	1900	1900	1900	1900
6.4	Battery voltage, nominal capacity K_5		V/Ah	48/620	48/775	48/930	48/620	48/775	48/930	48/620	48/775	48/930	48/620	48/775	48/930	48/620	48/775	48/930	48/775	48/930	48/775	48/930
6.5	Battery weight, min.—max.		kg	875-1030	1055-1235	1250-1440	875-1030	1055-1235	1250-1440	875-1030	1055-1235	1250-1440	875-1030	1055-1235	1250-1440	875-1030	1055-1235	1250-1440	1055-1235	1250-1440	1055-1235	1250-1440

Mast dimensions

RRE180HCC/HECC			Triplex Hi-Lo - B												Triplex Hi-Lo - C							
	Lift height	h_{23}	mm	4850	5400	5700	6300	7000	7500	8000	8500	9000	9500	10000	10500	11000	11500	12000	12500	13000		
4.4	Lift	h_3	mm	4795	5345	5645	6245	6945	7445	7945	8445	8945	9445	9945	10445	10945	11445	11945	12445	12945		
4.2	Height, mast lowered	h_1	mm	2249	2432	2532	2732	2966	3132	3299	3466	3632	3799	3966	4132	4299	4463	4630	4797	4963		
4.3	Free lift	h_2	mm	1741	1925	2025	2225	2459	2625	2791	2959	3125	3291	3459	3625	3791	3949	4117	4283	4449		
4.5	Height, mast extended	h_4	mm	5397	5946	6246	6846	7548	8046	8547	9048	9546	10047	10548	11046	11547	12045	12546	13047	13545		

RRE200HCC/HECC			Triplex Hi-Lo - B												Triplex Hi-Lo - C							
	Lift height	h_{23}	mm	4850	5400	5700	6300	7000	7500	8000	8500	9000	9500	10000	10500	11000	11500	12000	12500	13000		
4.4	Lift	h_3	mm	4795	5345	5645	6245	6945	7445	7945	8445	8945	9445	9945	10445	10945	11445	11945	12445	12945		
4.2	Height, mast lowered	h_1	mm	2249	2432	2532	2732	2966	3132	3299	3466	3632	3799	3963	4130	4297	4463	4630	4797	4963		
4.3	Free lift	h_2	mm	1741	1925	2025	2225	2459	2625	2791	2959	3125	3291	3449	3617	3783	3949	4117	4283	4449		
4.5	Height, mast extended	h_4	mm	5397	5946	6246	6846	7548	8046	8547	9048	9546	10047	10545	11046	11547	12045	12546	13047	13545		

RRE250HCC/HECC			Triplex Hi-Lo - C												Triplex Hi-Lo - D							
	Lift height	h_{23}	mm	4850	5400	5700	6300	7000	7500	8000	8500	9000	9500	10000	10500	11000	11500	12000	12500	13000		
4.4	Lift	h_3	mm	4795	5345	5645	6245	6945	7445	7945	8445	8945	9445	9945	10445	10945	11445	11945	12445	12945		
4.2	Height, mast lowered	h_1	mm	2247	2430	2530	2730	2936	3130	3297	3463	3630	3797	3963	4130	4297	4463	4630	4797	4963		
4.3	Free lift	h_2	mm	1733	1917	2017	2217	2449	2617	2783	2949	3117	3283	3449	3617	3783	3949	4117	4283	4449		
4.5	Height, mast extended	h_4	mm	5397	5946	6246	6846	7545	8046	8547	9045	9546	10047	10545	11046	11547	12045	12546	13047	13545		



Vibration

Vibration	RRE 140H-250H including Cold store cabin
Full body vibration value according to EN 13059 and EN 12096, margin of error 30%	0,5 m/s²

Seat options

	Medium backrest,	Medium backrest,	High backrest,	High backrest,	Medium backrest,	High backrest,
	Textile	Textile, heated	Headrest, textile	Textile, heated	Imitation leather, heated	Imitation leather, heated
Std cab	√	√	√	√	√	√
Tilting cab	not recommended		√	√	not recommended	√
Drive in **	√	√	√	√	√	√
Coldstore w/o heated cab	√	√	√	√	√	√
Coldstore with heated cab	√	√	√	√	√	√
RRE160HR	√	√	√	√	recommended	√

Features & options						
Neck rest	n/a	n/a	std	std	n/a	std
Lumbar support	n/a	n/a	std	std	n/a	std
Arm rest *	option	option	option	option	option	option
Reel belt	option	option	option	option	option	option
Hip guard *	option	option	option	option	option	option

* Not with heated cab

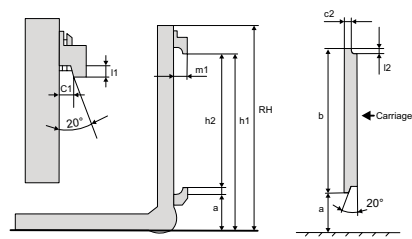
** With drive in cab we recommend the medium version seat.


Support arms

	RRE140H - 250H				RRE160HR
Width between support arms	900	1050	1100	1300	900
Chassis width	1270	1290	1470	1670	1414
Width of support arms	135	120	135	135	257
RRE140H	√		√		—
RRE160H	√	√	√	√	—
RRE180H	√		√	√	—
RRE200H	√		√	√	—
RRE250H	√		√	√	—
Note		Not tilt cab		Only with tilt cab	

Fork carriage dimensions

	Class	Form	a (mm)	b (mm)	h ₁ (mm)	h ₂ (mm)	l ₁ (mm)	l ₂ (mm)	m ₁ (mm)	RH (mm)
RRE140H - 250H	ISO/FEM2	2A	76	407	470	382	14	13	31	550
RRE160HR	—	—	137	407	531	382	16	16	30	611



		C/C distance					Fork yoke width
		152	292	416	522	598	
Model	Fork dimensions	Width over forks					upper/lower
RRE140H - 160H/HR	100x40	252	392	516	622	698	789/690
RRE180H - 200H	120x40	272	412	536	642	718	789/690
RRE250H	125x45	277	417	541	647	723	789/690
RRE140H - 200H	130x35	282	422	546	652	728	789/690

Forks

Model	Fork dimension	Length
RRE140H - 160H	100x40	600 - 1600 mm (50 mm in step)
RRE160HR *	100x40	1150 mm
RRE180H - 200H	120x40	600 - 1600 mm (50 mm in step)
RRE250H	125x45	600 - 1600 mm (50 mm in step)
RRE140H - 200H	130x35	1200 mm

* Long drop forks.

Standard forks for fork spreader

- 100x40 mm, L = 1200 - 1500 mm (RRE140H - 200H)

Hydraulic telescopic forks

- 128x40 mm, L = 1200 - 2000 mm (RRE160H - 200H)
- 140x56 mm, L = 1200 - 2000 mm (RRE140H - 160H)
- 170x56 mm, L = 1200 - 2000 mm (RRE160H - 250H) (Hose reel included)

Manual telescopic forks

- 135x55 mm, L = 1200 - 2000 mm (RRE140H - 250H)
- 143x40 mm, L = 1200 - 2000 mm (RRE140H - 180H)

Mast types

Lift height	RRE140H	RRE160H	RRE180H	RRE200H	RRE250H	RRE160HR
4850 mm	—	—	B	B	C	—
4900 mm	A	A	—	—	—	A
5400 mm	A	A	B	B	C	A
5700 mm	A	A	B	B	C	A
6300 mm	A	A	B	B	C	A
7000 mm	A	A	B	B	C	A
7250 mm	A	A	—	—	—	A
7500 mm	A	A	B	B	C	A
8000 mm	A	A	B	B	C	—
8500 mm	A	A	B	B	C	—
9000 mm	A	A	B	B	C	—
9500 mm	A	A	B	B	C	—
10000 mm	A	A	B	C	D	—
10500 mm	A	A	B	C	D	—
11000 mm	A	A	B	C	D	—
11500 mm	—	—	C	D	D	—
12000 mm	—	—	C	D	D	—
12500 mm	—	—	C	D	D	—
13000 mm	—	—	C	D	D	—

Mast type and weight (kg)

Lift height	Triplex Hi-Lo – A		Triplex Hi-Lo – B		Triplex Hi-Lo – C		Triplex Hi-Lo – D	
	Fork carriage		Fork carriage		Fork carriage		Fork carriage	
	without	with	without	with	without	with	without	with
4850 mm	—	—	756	884	888	1022	—	—
4900 mm	747	873	—	—	—	—	—	—
5400 mm	785	911	802	930	951	1085	—	—
5700 mm	813	939	829	957	983	1117	—	—
6300 mm	867	993	864	992	1047	1181	—	—
7000 mm	931	1057	947	1075	1121	1255	1276	1410
7250 mm	954	1080	—	—	—	—	—	—
7500 mm	976	1102	992	1120	1180	1314	1010	1144
8000 mm	1022	1148	1037	1165	1239	1373	1412	1546
8500 mm	1066	1192	1083	1211	1291	1425	1472	1606
9000 mm	1113	1239	1128	1256	1345	1479	1533	1667
9500 mm	1158	1284	1180	1308	1398	1532	1594	1728
10000 mm	1227	1353	1242	1370	1451	1585	1665	1799
10500 mm	1273	1399	1289	1417	1505	1639	1726	1860
11000 mm	1320	1446	1334	1462	1558	1692	1787	1921
11500 mm	—	—	—	—	1611	1745	1848	1982
12000 mm	—	—	—	—	1669	1803	1914	2048
12500 mm	—	—	—	—	1723	1857	1975	2109
13000 mm	—	—	—	—	1803	1937	2064	2198

Mast width

Mast width	Triplex Hi-Lo – A	Triplex Hi-Lo – B	Triplex Hi-Lo – C	Triplex Hi-Lo – D
Width over top beam	716 mm	716 mm	761 mm	761 mm
Width over beams (mast frame)	680 mm	680 mm	727 mm	727 mm

Wheel matrix

Model	Drive wheel	Support wheel
RRE180H, RRE200H, RRE250H	Ø 400x160	Ø 350x105
RRE140H, RRE160H	Ø 350x140	Ø 300x106
RRE160HR	180/60-10	180/60-10 ¹⁾
RRE160H (1050 mm)	Ø 350x140	Ø 285x85
RRE160H Low support arm wheels	Ø 350x140	Ø 265x106

1) Ø 300x180 mm, rim 10"

Batteries

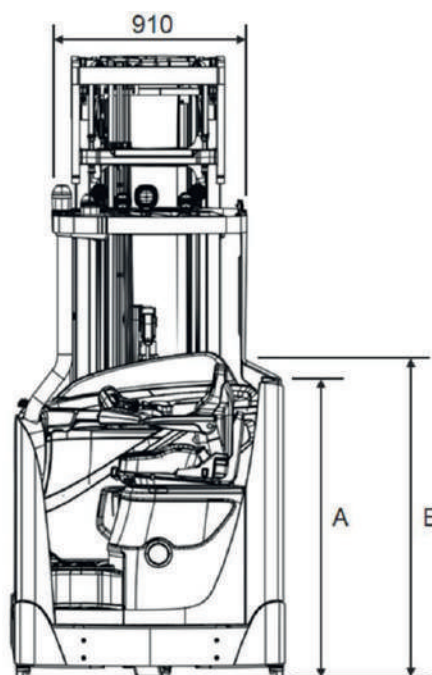
Battery compartment	275 mm	347 mm	419 mm	491 mm
Battery dimensions LxHxB (mm)	1212x784x275	1212x784x347	1212x784x419	1212x784x491
RRE140H	X	X	X	
RRE160H	X	X	X	X
RRE180H		X	X	X
RRE200H		X	X	X
RRE250H			X	X
RRE160HR		X		
On support arms	X	X	X	—
In sleigh	X	X	X	X
Standard lead acid	465 Ah	620 Ah	775 Ah	930 Ah
Central water refilling (BFS)	X	X	X	X
Forced water refilling (AquaJet)	X	X	X	X
Electr. electrolyte surveillance (Aqualert)	X	X	X	X
Acid circulation (Airmatic)	X	X	X	X
Li-Ion (always fitted in sleigh)	—	448 & 308Ah	448 & 308Ah	448 & 308Ah

Battery roller bed height

Machine type	Height from floor
RRE140H/RRE160H	293
RRE180H/RRE200H/RRE250H	356
RRE160HR	428

Drive-in racking

Model	A (mm)	B (mm)
RRE140H - 160H	1434	1521
RRE180H - 250H	1497	1584



Number of Hydraulic functions and Levers

Feature		Number of hydraulic functions
STANDARD	Lift/lowering, Reach, Fork tilt	3
FORK CARRIAGE	Standard	—
	Fork spreader	1
	For additional attachment	—
FORKS	Without forks	—
	Standard fork 1000 or 1150 mm	—
	Standard fork 600 - 1600 mm (50 mm steps)	—
	Forks 130 x 35 x 1200 mm	—
	Manual Telescopic forks 143 x 40 x 1200 - 2000 mm	—
	Manual Telescopic forks 135 x 55 x 1200 - 2000 mm	—
	Hydraulic Telescopic forks 128 x 40 x 1200 - 2000 mm	1
	Hydraulic Telescopic forks 140 x 56 x 1200 - 2000 mm	1
	Hydraulic Telescopic forks 170 x 56 x 1200 - 2000 mm	1
SIDE SHIFT	Without side shift	—
	With side shift	1
	With side shift, pass attachment center line (with fork spreader)	1
ADDITIONAL HYDRAULIC FUNCTIONS 1	No	—
	1/4"	1
	3/8" Hose reel left	1
	3/8" Hose reel right	1
ADDITIONAL HYDRAULIC FUNCTIONS 2	No	—
	1/4"	1
	3/8" Hose reel left	1
	3/8" Hose reel right	1
	SUM Number of hydraulic functions Σ	3
		4
		5
		6
		> 6

Levers setup
3 levers
4 levers
5 levers
5 levers + option button
N/A

Support studs

Model	
RRE 140H-160H	Support studs are optional. Consult the capacity tables to see capacities and max lift heights for the different configurations.
	Note: Max travel speed 11 km/h without studs.
	Height between floor and support studs = 15 mm
RRE 140H-250H	Lift heights up to and including 7500 mm: the support studs can be removed still having same capacity.
	Lift heights above 7500 mm: not allowed to take away the support studs (indicated on the capacity plate on the truck)
	Note: Max travel speed 11 km/h without studs.
	Height between floor and support studs = 15 mm
RRE 160HR	It is not allowed to take away the support studs at any lift height.
	Height between floor and support studs = 32 mm

Lift capacities RRE140H - RRE160H - RRE160HR

Actual capacity at 600 mm load centre

Fork carriage: Standard

Forks: Standard

Side shift: With/without side shift

According to norm: CE

Model	RRE140H			RRE160H							RRE160HR
Distance between support arms, b_4 (mm)	900, 1100			900, 1100, 1300 *							900
Battery compartment (mm)	275	347	419	275	347	419	491	275	347	419	347
Support studs (with/without)	With	With	With	With	With	With	With	With	With	With	With
Lift height, h_{23} (mm)											
4900	1400	1400	1400	1600	1600	1600	1600	1600	1600	1600	1600
5400	1400	1400	1400	1600	1600	1600	1600	1540	1600	1600	1520
5700	1400	1400	1400	1600	1600	1600	1600	1500	1600	1600	1460
6300	1400	1400	1400	1600	1600	1600	1600	1330	1520	1520	1340
7000	1400	1400	1400	1510	1600	1600	1600	1140	1360	1360	1200
7250	1380	1400	1400	1480	1600	1600	1600	1070	1300	1300	1100
7500	1360	1400	1400	1450	1580	1600	1600	1000	1240	1240	1000
8000	1320	1400	1400	1400	1530	1580	1600	—	1120	1120	—
8500	1270	1390	1400	1340	1480	1500	1500	—	1000	1000	—
9000	1230	1340	1380	—	1400	1400	1400	—	—	—	—
9500	—	1300	1300	—	1230	1300	1300	—	—	—	—
10000	—	1200	1200	—	940	1200	1200	—	—	—	—
10500	—	1000	1100	—	—	980	1100	—	—	—	—
11000	—	—	1000	—	—	770	1000	—	—	—	—
Lead-Acid battery (Ah)	465	620	775	465	620	775	930	465	620	775	620
Li-Ion battery (Ah)	—	308, 448	308, 448	—	308, 448	308, 448	308, 448	—	308, 448	308, 448	—

* Width 1300 mm is without support studs.

Model	RRE140H						RRE160H											
Distance between support arms, b ₄ (mm)	900			1100			900				1050				1100			
Battery compartment (mm)	275	347	419	275	347	419	275	347	419	491	275	347	419	275	347	419	491	
Support studs (with/without)	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	
Lift height, h ₂₃ (mm)																		
4900	1400	1400	1400	1400	1400	1400	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	
5400	1400	1400	1400	1400	1400	1400	1600	1600	1600	1600	1540	1600	1600	1600	1600	1600	1600	
5700	1400	1400	1400	1400	1400	1400	1600	1600	1600	1600	1500	1600	1600	1600	1600	1600	1600	
6300	1400	1400	1400	1400	1400	1400	1600	1600	1600	1600	1330	1520	1520	1600	1600	1600	1600	
7000	1400	1400	1400	1400	1400	1400	—	1500	1600	1600	—	1360	1360	1540	1600	1600	1600	
7250	—	1400	1400	1400	1400	1400	—	1310	1600	1600	—	—	1300	1510	1600	1600	1600	
7500	—	1400	1400	1390	1400	1400	—	1190	1500	1600	—	—	—	1480	1600	1600	1600	
8000	—	1260	1400	1340	1400	1400	—	930	1230	1530	—	—	—	1260	1560	1600	1600	
8500	—	1010	1320	1300	1400	1400	—	—	1000	1290	—	—	—	1020	1370	1500	1500	
9000	—	—	1100	1090	1370	1400	—	—	810	1090	—	—	—	—	1150	1400	1400	
9500	—	—	900	—	1240	1300	—	—	630	910	—	—	—	—	950	1230	1300	
10000	—	—	660	—	950	1200	—	—	—	—	—	—	—	—	700	960	1200	
10500	—	—	—	—	720	970	—	—	—	—	—	—	—	—	—	730	980	
11000	—	—	—	—	—	770	—	—	—	—	—	—	—	—	—	550	780	
Lead-Acid battery (Ah)	465	620	775	465	620	775	465	620	775	930	465	620	775	465	620	775	930	
Li-Ion battery (Ah)	—	308, 448	308, 448	—	308, 448	308, 448	—	308, 448	308, 448	308, 448	—	308, 448	308, 448	—	308, 448	308, 448	308, 448	

Lift capacities RRE140H - RRE160H

Actual Capacity at 600, 1050, 1250 mm load centre

Fork carriage: Standard

Forks: Manual Telescopic forks 143 x 40 x 1200-2000 mm

Side shift: With/without side shift

According to norm: CE

Model	RRE140H						RRE160H								
Distance between support arms, b_4 (mm)	900, 1100						900, 1100, 1300 *								
Battery compartment (mm)	347	347	347	419	419	419	347	347	347	419	419	419	491	491	491
Support studs (with/without)	With	With	With	With	With	With	With	With	With	With	With	With	With	With	With
Load center (mm)	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)															
6300	1400	850	720	1400	850	720	1500	850	720	1500	850	720	1500	850	720
7000	1400	850	720	1400	850	720	1500	850	720	1500	850	720	1500	850	720
7250	1400	850	720	1400	850	720	1500	850	720	1500	850	720	1500	850	720
7500	1400	850	720	1400	850	720	1500	850	720	1500	850	720	1500	850	720
8000	1390	850	720	1400	850	720	1490	850	720	1500	850	720	1500	850	720
8500	1350	850	720	1390	850	720	1450	850	720	1490	850	720	1500	850	720
9000	1300	850	720	1350	850	720	1310	850	720	1400	850	720	1400	850	720
9500	1260	850	720	1300	850	720	1100	850	720	1300	850	720	1300	850	720
10000	1130	850	720	1200	850	720	820	820	720	1100	850	720	1200	850	720
10500	870	850	720	1100	850	720	—	—	—	860	850	720	1100	850	720
11000	—	—	—	930	850	720	—	—	—	660	660	660	890	850	720
Lead-Acid battery (Ah)	620	620	620	775	775	775	620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

Model	RRE140H						RRE160H								
Distance between support arms, b_4 (mm)	900, 1100						900, 1100								
Battery compartment (mm)	347	347	347	419	419	419	347	347	347	419	419	419	491	491	491
Support studs (with/without)	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without
Load center (mm)	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)															
6300	1400	850	720	1400	850	720	1500	850	720	1500	850	720	1500	850	720
7000	1400	850	720	1400	850	720	1500 *	850 *	720 *	1500	850	720	1500	850	720
7250	1400	850	720	1400	850	720	1500 *	850 *	720 *	1500	850	720	1500	850	720
7500	1400	850	720	1400	850	720	1500 *	850 *	720 *	1500 *	850 *	720 *	1500	850	720
8000	1390 *	850 *	720 *	1400	850	720	1490 *	850 *	720 *	1500 *	850 *	720 *	1500 *	850 *	720 *
8500	1350 *	850 *	720 *	1390	850	720	—	—	—	1490 *	850 *	720 *	1500 *	850 *	720 *
9000	1300 *	850 *	720 *	1350 *	850 *	720 *	—	—	—	1400 *	850 *	720 *	1400 *	850 *	720 *
9500	—	—	—	1300 *	850 *	720 *	—	—	—	—	—	—	1300 *	850 *	720 *
10000	—	—	—	1200 *	850 *	720 *	—	—	—	—	—	—	1200 *	850 *	720 *
Lead-Acid battery (Ah)	620	620	620	775	775	775	620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448

* Only for Distance between support arms 1100 mm.

Actual Capacity at 600, 1050, 1250 mm load centre

Fork carriage: Standard

Forks: Manual Telescopic forks 135 x 55 x 1200-2000 mm

Side shift: With/without side shift

According to norm: CE

Model	RRE140H						RRE160H								
Distance between support arms, b_4 (mm)	900, 1100						900, 1100, 1300 *								
Battery compartment (mm)	347	347	347	419	419	419	347	347	347	419	419	419	491	491	491
Support studs (with/without)	With	With	With	With	With	With	With	With	With	With	With	With	With	With	With
Load center (mm)	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)															
6300	1400	960	820	1400	960	820	1500	960	820	1500	960	820	1500	960	820
7000	1400	960	820	1400	960	820	1500	960	820	1500	960	820	1500	960	820
7250	1400	960	820	1400	960	820	1500	960	820	1500	960	820	1500	960	820
7500	1400	960	820	1400	960	820	1500	960	820	1500	960	820	1500	960	820
8000	1370	960	820	1400	960	820	1470	960	820	1500	960	820	1500	960	820
8500	1330	960	820	1370	960	820	1420	960	820	1470	960	820	1500	960	820
9000	1280	950	820	1330	960	820	1310	960	820	1400	960	820	1400	960	820
9500	1240	920	820	1280	960	820	1100	960	820	1300	960	820	1300	960	820
10000	1130	890	800	1200	930	820	820	820	820	1100	960	820	1200	960	820
10500	870	870	780	1100	900	810	—	—	—	860	860	820	1100	960	820
11000	—	—	—	920	880	790	—	—	—	650	650	650	890	890	820
Lead-Acid battery (Ah)	620	620	620	775	775	775	620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

Model	RRE140H						RRE160H								
Distance between support arms, b_4 (mm)	900, 1100						900, 1100								
Battery compartment (mm)	347	347	347	419	419	419	347	347	347	419	419	419	491	491	491
Support studs (with/without)	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without
Load center (mm)	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)															
6300	1400	960	820	1400	960	820	1500	960	820	1500	960	820	1500	960	820
7000	1400	960	820	1400	960	820	1500 *	960 *	820 *	1500	960	820	1500	960	820
7250	1400	960	820	1400	960	820	1500 *	960 *	820 *	1500	960	820	1500	960	820
7500	1400	960	820	1400	960	820	1500 *	960 *	820 *	1500 *	960 *	820 *	1500	960	820
8000	1370 *	960 *	820 *	1400	960	820	1470 *	960 *	820 *	1500 *	960 *	820 *	1500 *	960 *	820 *
8500	1330 *	960 *	820 *	1370	960	820	—	—	—	1470 *	960 *	820 *	1500 *	960 *	820 *
9000	1280 *	960 *	820 *	1330 *	960 *	820 *	—	—	—	1400 *	960 *	820 *	1400 *	960 *	820 *
9500	—	—	—	1280 *	960 *	820 *	—	—	—	—	—	—	1300 *	960 *	820 *
10000	—	—	—	1200 *	960 *	820 *	—	—	—	—	—	—	1200 *	960 *	820 *
Lead-Acid battery (Ah)	620	620	620	775	775	775	620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448

* Only for Distance between support arms 1100 mm.

Actual Capacity at 600, 1050, 1250 mm load centre

Fork carriage: Standard

Forks: Hydraulic Telescopic forks 128 x 40 x 1200-2000 mm

Side shift: With/Without side shift

According to norm: CE

Model	RRE140H						RRE160H								
Distance between support arms, b_4 (mm)	900, 1100						900, 1100, 1300 *								
Battery compartment (mm)	347	347	347	419	419	419	347	347	347	419	419	419	491	491	491
Support studs (with/without)	With	With	With	With	With	With	With	With	With	With	With	With	With	With	With
Load center (mm)	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)															
6300	1400	970	810	1400	970	810	1550	970	810	1550	970	810	1550	970	810
7000	1400	970	810	1400	970	810	1550	970	810	1550	970	810	1550	970	810
7250	1400	970	810	1400	970	810	1550	970	810	1550	970	810	1550	970	810
7500	1400	970	810	1400	970	810	1550	970	810	1550	970	810	1550	970	810
8000	1400	970	810	1400	970	810	1510	970	810	1550	970	810	1550	970	810
8500	1370	970	810	1400	970	810	1460	970	810	1500	970	810	1500	970	810
9000	1320	970	810	1360	970	810	1310	970	810	1400	970	810	1400	970	810
9500	1280	960	810	1300	970	810	1100	970	810	1300	970	810	1300	970	810
10000	1130	930	810	1200	960	810	820	820	810	1110	970	810	1200	970	810
10500	870	870	810	1100	940	810	—	—	—	870	870	810	1100	970	810
11000	—	—	—	930	910	810	—	—	—	660	660	660	900	900	810
Lead-Acid battery (Ah)	620	620	620	775	775	775	620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

Model	RRE140H						RRE160H								
Distance between support arms, b_4 (mm)	900, 1100						900, 1100								
Battery compartment (mm)	347	347	347	419	419	419	347	347	347	419	419	419	491	491	491
Support studs (with/without)	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without
Load center (mm)	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)															
6300	1400	970	810	1400	970	810	1550	970	810	1550	970	810	1550	970	810
7000	1400	970	810	1400	970	810	1550 *	970 *	810 *	1550	970	810	1550	970	810
7250	1400	970	810	1400	970	810	1550 *	970 *	810 *	1550	970	810	1550	970	810
7500	1400	970	810	1400	970	810	1550 *	970 *	810 *	1550 *	970 *	810 *	1550	970	810
8000	1400 *	970 *	810 *	1400	970	810	1510 *	970 *	810 *	1550 *	970 *	810 *	1550 *	970 *	810 *
8500	1370 *	970 *	810 *	1400	970	810	—	—	—	1500 *	970 *	810 *	1500 *	970 *	810 *
9000	1320 *	970 *	810 *	1360 *	970 *	810 *	—	—	—	1400 *	970 *	810 *	1400 *	970 *	810 *
9500	—	—	—	1300 *	970 *	810 *	—	—	—	—	—	—	1300 *	970 *	810 *
10000	—	—	—	1200 *	970 *	810 *	—	—	—	—	—	—	1200 *	970 *	810 *
Lead-Acid battery (Ah)	620	620	620	775	775	775	620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448

* Only for Distance between support arms 1100 mm.

Actual Capacity at 600, 1050, 1250 mm load centre

Fork carriage: Standard

Forks: Hydraulic Telescopic forks 140 x 56 x 1200-2000 mm

Side shift: With/Without side shift

According to norm: CE

Model	RRE140H						RRE160H								
Distance between support arms, b_4 (mm)	900, 1100						900, 1100, 1300 *								
Battery compartment (mm)	347	347	347	419	419	419	347	347	347	419	419	419	491	491	491
Support studs (with/without)	With	With	With	With	With	With	With	With	With	With	With	With	With	With	With
Load center (mm)	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)															
6300	1400	980	840	1400	980	840	1540	980	840	1540	980	840	1540	980	840
7000	1400	980	840	1400	980	840	1540	980	840	1540	980	840	1540	980	840
7250	1400	980	840	1400	980	840	1540	980	840	1540	980	840	1540	980	840
7500	1400	980	840	1400	980	840	1520	980	840	1540	980	840	1540	980	840
8000	1370	980	840	1400	980	840	1470	980	840	1520	980	840	1540	980	840
8500	1320	970	840	1360	980	840	1420	980	840	1470	980	840	1500	980	840
9000	1280	950	840	1320	980	840	1310	980	840	1400	980	840	1400	980	840
9500	1240	920	820	1280	950	840	1090	980	840	1300	980	840	1300	980	840
10000	1130	890	800	1200	920	830	810	810	810	1100	980	840	1200	980	840
10500	860	860	770	1100	900	810	—	—	—	850	850	840	1100	980	840
11000	—	—	—	920	870	780	—	—	—	650	650	650	880	880	840
Lead-Acid battery (Ah)	620	620	620	775	775	775	620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

Model	RRE140H						RRE160H								
Distance between support arms, b_4 (mm)	900, 1100						900, 1100								
Battery compartment (mm)	347	347	347	419	419	419	347	347	347	419	419	419	491	491	491
Support studs (with/without)	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without
Load center (mm)	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)															
6300	1400	980	840	1400	980	840	1540	980	840	1540	980	840	1540	980	840
7000	1400	980	840	1400	980	840	1540 *	980 *	840 *	1540	980	840	1540	980	840
7250	1400	980	840	1400	980	840	1540 *	980 *	840 *	1540	980	840	1540	980	840
7500	1400	980	840	1400	980	840	1520 *	980 *	840 *	1540 *	980 *	840 *	1540	980	840
8000	1370 *	980 *	840 *	1400	980	840	1470 *	980 *	840 *	1520 *	980 *	840 *	1540 *	980 *	840 *
8500	1320 *	980 *	840 *	1360	980	840	—	—	—	1470 *	980 *	840 *	1500 *	980 *	840 *
9000	1280 *	980 *	840 *	1320 *	980 *	840 *	—	—	—	1400 *	980 *	840 *	1400 *	980 *	840 *
9500	—	—	—	1280 *	950 *	840 *	—	—	—	—	—	—	1300 *	980 *	840 *
10000	—	—	—	1200 *	920 *	830 *	—	—	—	—	—	—	1200 *	980 *	840 *
Lead-Acid battery (Ah)	620	620	620	775	775	775	620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448

* Only for Distance between support arms 1100 mm.

Actual Capacity at 600, 1050, 1250 mm load centre

Fork carriage: Standard

Forks: Hydraulic Telescopic forks 170 x 56 x 1200-2000 mm

Side shift: With/Without side shift

According to norm: CE

Model	RRE140H						RRE160H								
Distance between support arms, b_4 (mm)	900, 1100						900, 1100, 1300 *								
Battery compartment (mm)	347	347	347	419	419	419	347	347	347	419	419	419	491	491	491
Support studs (with/without)	With	With	With	With	With	With	With	With	With	With	With	With	With	With	With
Load center (mm)	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)															
6300	1400	960	830	1400	960	830	1520	960	830	1520	960	830	1520	960	830
7000	1400	960	830	1400	960	830	1520	960	830	1520	960	830	1520	960	830
7250	1400	960	830	1400	960	830	1520	960	830	1520	960	830	1520	960	830
7500	1400	960	830	1400	960	830	1500	960	830	1520	960	830	1520	960	830
8000	1340	960	830	1390	960	830	1450	960	830	1490	960	830	1520	960	830
8500	1300	950	830	1340	960	830	1400	960	830	1450	960	830	1500	960	830
9000	1250	920	830	1300	960	830	1300	960	830	1400	960	830	1400	960	830
9500	1210	900	800	1260	930	830	1080	960	830	1300	960	830	1300	960	830
10000	1110	870	780	1200	900	810	800	800	800	1090	960	830	1200	960	830
10500	850	840	750	1100	880	780	—	—	—	840	840	830	1080	960	830
11000	—	—	—	910	850	760	—	—	—	630	630	630	870	870	830
Lead-Acid battery (Ah)	620	620	620	775	775	775	620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

Model	RRE140H						RRE160H								
Distance between support arms, b_4 (mm)	900, 1100						900, 1100								
Battery compartment (mm)	347	347	347	419	419	419	347	347	347	419	419	419	491	491	491
Support studs (with/without)	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without
Load center (mm)	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)															
6300	1400	960	830	1400	960	830	1520	960	830	1520	960	830	1520	960	830
7000	1400	960	830	1400	960	830	1520 *	960 *	830 *	1520	960	830	1520	960	830
7250	1400	960	830	1400	960	830	1520 *	960 *	830 *	1520	960	830	1520	960	830
7500	1400	960	830	1400	960	830	1500 *	960 *	830 *	1520 *	960 *	830 *	1520	960	830
8000	1340 *	960 *	830 *	1390	960	830	1450 *	960 *	830 *	1490 *	960 *	830 *	1520 *	960 *	830 *
8500	1300 *	950 *	830 *	1340	960	830	—	—	—	1450 *	960 *	830 *	1500 *	960 *	830 *
9000	1250 *	920 *	830 *	1300 *	960 *	830 *	—	—	—	1400 *	960 *	830 *	1400 *	960 *	830 *
9500	—	—	—	1260 *	930 *	830 *	—	—	—	—	—	—	1300 *	960 *	830 *
10000	—	—	—	1200 *	900 *	810 *	—	—	—	—	—	—	1200 *	960 *	830 *
Lead-Acid battery (Ah)	620	620	620	775	775	775	620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448

* Only for Distance between support arms 1100 mm.

Actual Capacity at 600 mm load centre

Fork carriage: Fork spreader

Forks: Standard

Side shift: With side shift

According to norm: CE

According to form: 02							
Model	RRE140H			RRE160H			
Distance between support arms, b ₄ (mm)	900, 1100			900, 1100, 1300 *			
Battery compartment (mm)	275	347	419	275	347	419	491
Support studs (with/without)	With	With	With	With	With	With	With
Lift height, h ₂₃ (mm)							
4900	1400	1400	1400	1480	1480	1480	1480
5400	1400	1400	1400	1480	1480	1480	1480
5700	1400	1400	1400	1480	1480	1480	1480
6300	1400	1400	1400	1480	1480	1480	1480
7000	1330	1400	1400	1430	1480	1480	1480
7250	1300	1400	1400	1390	1480	1480	1480
7500	1280	1400	1400	1370	1480	1480	1480
8000	1230	1350	1390	1320	1450	1480	1480
8500	1190	1300	1340	1200	1400	1450	1480
9000	1140	1260	1300	—	1310	1400	1400
9500	—	1220	1260	—	1150	1300	1300
10000	—	1170	1200	—	910	1150	1200
10500	—	960	1100	—	—	940	1100
11000	—	—	1000	—	—	760	960
Lead-Acid battery (Ah)	465	620	775	465	620	775	930
Li-Ion battery (Ah)	—	308, 448	308, 448	—	308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

Model	RRE140H			RRE160H			
Distance between support arms, b_4 (mm)	900, 1100			900, 1100			
Battery compartment (mm)	275	347	419	275	347	419	491
Support studs (with/without)	Without	Without	Without	Without	Without	Without	Without
Lift height, h_{23} (mm)							
4900	1400	1400	1400	1480	1480	1480	1480
5400	1400	1400	1400	1480	1480	1480	1480
5700	1400	1400	1400	1480	1480	1480	1480
6300	1400 *	1400	1400	1480 *	1480 *	1480	1480
7000	1330 *	1400 *	1400	1430 *	1480 *	1480	1480
7250	1300 *	1400 *	1400	1390 *	1480 *	1480	1480
7500	1280 *	1400 *	1400 *	1370 *	1480 *	1480 *	1480
8000	—	1350 *	1390 *	—	1450 *	1480 *	1480 *
8500	—	—	1340 *	—	—	1450 *	1480 *
9000	—	—	1300 *	—	—	1400 *	1400 *
9500	—	—	—	—	—	—	1300 *
Lead-Acid battery (Ah)	465	620	775	465	620	775	930
Li-Ion battery (Ah)	—	308, 448	308, 448	—	308, 448	308, 448	308, 448

* Only for Distance between support arms 1100 mm.

Lift capacities RRE140H - RRE160H - RRE180H - RRE200H

Actual Capacity at 600 mm load centre

Fork carriage: Fork spreader

Forks: Forks 130 x 35 x 1200 mm

Side shift: With side shift, pass attachment center line

According to norm: CE

Model	RRE140H			RRE160H			
Distance between support arms, b_4 (mm)	900, 1100			900, 1100, 1300 *			
Battery compartment (mm)	275	347	419	275	347	419	491
Support studs (with/without)	With	With	With	With	With	With	With
Lift height, h_{23} (mm)							
5700	1400	1400	1400	1420	1420	1420	1420
6300	1360	1400	1400	1420	1420	1420	1420
7000	1280	1400	1400	1380	1420	1420	1420
7250	1250	1370	1400	1340	1420	1420	1420
7500	1230	1350	1390	1320	1420	1420	1420
8000	1180	1300	1340	1200	1400	1420	1420
8500	1140	1260	1300	1060	1310	1400	1420
9000	1070	1210	1250	—	1170	1360	1400
9500	—	1170	1210	—	1050	1280	1300
10000	—	980	1170	—	850	1060	1200
10500	—	800	1010	—	—	880	1070
11000	—	—	850	—	—	730	910
Lead-Acid battery (Ah)	465	620	775	465	620	775	930
Li-Ion battery (Ah)	—	308, 448	308, 448	—	308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

Model	RRE140H			RRE160H			
Distance between support arms, b_4 (mm)	900, 1100			900, 1100			
Battery compartment (mm)	275	347	419	275	347	419	491
Support studs (with/without)	Without	Without	Without	Without	Without	Without	Without
Lift height, h_{23} (mm)							
4900	1400	1400	1400	1420	1420	1420	1420
5400	1360 *	1400	1400	1420 *	1420 *	1420	1420
5700	1400 *	1400	1400	1420 *	1420 *	1420	1420
6300	1360 *	1400 *	1400	—	1420 *	1420 *	1420
7000	—	1400 *	1400 *	—	—	1420 *	1420 *
7250	—	1370 *	1400 *	—	—	—	1420 *
7500	—	1350 *	1390 *	—	—	—	1420 *
8000	—	—	1340 *	—	—	—	—
8500	—	—	1300 *	—	—	—	—
Lead-Acid battery (Ah)	465	620	775	465	620	775	930
Li-Ion battery (Ah)	—	308, 448	308, 448	—	308, 448	308, 448	308, 448

* Only for Distance between support arms 1100 mm.

Model	RRE180H				RRE200H			
Distance between support arms, b_4 (mm)	900, 1100, 1300*				900, 1100, 1300 *			
Battery compartment (mm)	Mast	347	419	491	Mast	347	419	491
Support studs (with/without)	type	With	With	With	type	With	With	With
Lift height, h_{23} (mm)								
5700	B	1800	1800	1800	B	1880	1880	1880
6300	B	1760	1800	1800	B	1880	1880	1880
7000	B	1700	1790	1800	B	1880	1880	1880
7250	B	—	—	—	B	—	—	—
7500	B	1660	1750	1800	B	1850	1880	1880
8000	B	1620	1710	1760	B	1760	1760	1760
8500	B	1570	1650	1650	B	1640	1650	1650
9000	B	1400	1530	1530	B	1340	1530	1530
9500	B	1130	1410	1410	B	1090	1410	1410
10000	B	910	1230	1300	C	990	1310	1600
10500	B	720	1010	1200	C	800	1090	1400
11000	B	—	830	1100	C	—	910	1190
11500	C	—	790	1060	D	—	860	1130
12000	C	—	640**	900	D	—	710**	960
12500	C	—	500**	740	D	—	570**	810
13000	C	—	380**	610	D	—	450**	680
Lead-Acid battery (Ah)		620	775	930		620	775	930
Li-Ion battery (Ah)		308, 448	308, 448	308, 448		308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

** Only with 1100 mm between support arms and with support studs.

Actual Capacity at 600, 1050, 1250 mm load centre

Fork carriage: Fork spreader

Forks: Manual Telescopic forks 143 x 40 x 1200-2000 mm

Side shift: With side shift, pass attachment center line

According to norm: CE

Model	RRE140H						RRE160H								
Distance between support arms, b_4 (mm)	900, 1100						900, 1100, 1300 *								
Battery compartment (mm)	347	347	347	419	419	419	347	347	347	419	419	419	491	491	491
Support studs (with/without)	With	With	With	With	With	With	With	With	With	With	With	With	With	With	With
Load center (mm)	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)															
6300	1400	850	720	1400	850	720	1410	850	720	1410	850	720	1410	850	720
7000	1390	850	720	1400	850	720	1410	850	720	1410	850	720	1410	850	720
7250	1360	850	720	1400	850	720	1410	850	720	1410	850	720	1410	850	720
7500	1340	850	720	1380	850	720	1410	850	720	1410	850	720	1410	850	720
8000	1290	850	720	1330	850	720	1390	850	720	1410	850	720	1410	850	720
8500	1240	850	720	1290	850	720	1320	850	720	1390	850	720	1410	850	720
9000	1200	850	720	1240	850	720	1180	850	720	1350	850	720	1400	850	720
9500	1160	850	720	1200	850	720	1050	850	720	1280	850	720	1300	850	720
10000	980	840	720	1160	850	720	850	850	720	1070	850	720	1200	850	720
10500	800	800	720	1010	850	720	—	—	—	890	850	720	1070	850	720
11000	—	—	—	850	820	720	—	—	—	730	730	720	910	850	720
Lead-Acid battery (Ah)	620	620	620	775	775	775	620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

Model	RRE140H						RRE160H								
Distance between support arms, b_4 (mm)	900, 1100						900, 1100								
Battery compartment (mm)	347	347	347	419	419	419	347	347	347	419	419	419	491	491	491
Support studs (with/without)	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without
Load center (mm)	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)															
4900	1400	850	720	1400	850	720	1410	850	720	1410	850	720	1410	850	720
5400	1400	850	720	1400	850	720	1410 *	850 *	720 *	1410	850	720	1410	850	720
5700	1400	850	720	1400	850	720	1410 *	850 *	720 *	1410	850	720	1410	850	720
6300	1400 *	850 *	720 *	1400	850	720	1410 *	850 *	720 *	1410 *	850 *	720 *	1410	850	720
7000	1390 *	850 *	720 *	1400 *	850 *	720 *	—	—	—	1410 *	850 *	720 *	1410 *	850 *	720 *
7250	1360 *	850 *	720 *	1400 *	850 *	720 *	—	—	—	—	—	—	1410 *	850 *	720 *
7500	1340 *	850 *	720 *	1380 *	850 *	720 *	—	—	—	—	—	—	1410 *	850 *	720 *
8000	—	—	—	1330 *	850 *	720 *	—	—	—	—	—	—	—	—	—
Lead-Acid battery (Ah)	620	620	620	775	775	775	620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448

* Only for Distance between support arms 1100 mm.

Model	RRE180H										RRE200H									
Distance between support arms, b_4 (mm)	900, 1100, 1300*										900, 1100, 1300 *									
Battery compartment (mm)	Mast	347	347	347	419	419	419	491	491	491	Mast	347	347	347	419	419	419	491	491	491
Support studs (with/without)	type	With	With	With	With	With	With	With	With	With	type	With	With	With	With	With	With	With	With	With
Load center (mm)		600	1050	1250	600	1050	1250	600	1050	1250		600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)																				
6300	B	1500	850	720	1500	850	720	1500	850	720	B	1500	850	720	1500	850	720	1500	850	720
7000	B	1500	850	720	1500	850	720	1500	850	720	B	1500	850	720	1500	850	720	1500	850	720
7250	B	—	—	—	—	—	—	—	—	—	B	—	—	—	—	—	—	—	—	—
7500	B	1500	850	720	1500	850	720	1500	850	720	B	1500	850	720	1500	850	720	1500	850	720
8000	B	1500	850	720	1500	850	720	1500	850	720	B	1500	850	720	1500	850	720	1500	850	720
8500	B	1280	850	720	1500	850	720	1500	850	720	B	1380	850	720	1500	850	720	1500	850	720
9000	B	1010	850	720	1360	850	720	1500	850	720	B	1110	850	720	1450	850	720	1500	850	720
9500	B	790	790	720	1100	850	720	1410	850	720	B	890	850	720	1190	850	720	1410	850	720
10000	B	600	600	600	880	850	720	1190	850	720	C	780	780	720	1080	850	720	1390	850	720
10500	B	450	450	450	700	700	700	980	850	720	C	620	620	620	890	850	720	1170	850	720
11000	B	—	—	—	550	550	550	800	800	720	C	—	—	—	720	720	720	980	850	720
9500	C	—	—	—	500	500	500	750	750	720	D	—	—	—	670	670	670	930	850	720
10000	C	—	—	—	370**	370**	370**	610	610	610	D	—	—	—	530**	530**	530**	770	770	720
10500	C	—	—	—	250**	250**	250**	470	470	470	D	—	—	—	410**	410**	410**	630	630	630
11000	C	—	—	—	140**	140**	140**	350	350	350	D	—	—	—	290**	290**	290**	510	510	510
Lead-Acid battery (Ah)		620	620	620	775	775	775	930	930	930		620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)		308, 448	308, 449	308, 450	308, 448	308, 449	308, 450	308, 448	308, 449	308, 450		308, 448	308, 449	308, 450	308, 448	308, 449	308, 450	308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

** Only with 1100 mm between support arms and with support studs.

Actual Capacity at 600, 1050, 1250 mm load centre

Fork carriage: Fork spreader

Forks: Hydraulic Telescopic forks 128 x 40 x 1200-2000 mm

Side shift: With side shift, pass attachment center line

According to norm: CE

Model	RRE140H						RRE160H								
Distance between support arms, b_4 (mm)	900, 1100						900, 1100, 1300 *								
Battery compartment (mm)	347	347	347	419	419	419	347	347	347	419	419	419	491	491	491
Support studs (with/without)	With	With	With	With	With	With	With	With	With	With	With	With	With	With	With
Load center (mm)	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)															
6300	1400	920	790	1400	920	790	1400	920	790	1400	920	790	1400	920	790
7000	1390	920	790	1400	920	790	1400	920	790	1400	920	790	1400	920	790
7250	1350	920	790	1400	920	790	1400	920	790	1400	920	790	1400	920	790
7500	1330	920	790	1380	920	790	1400	920	790	1400	920	790	1400	920	790
8000	1280	920	790	1330	920	790	1380	920	790	1400	920	790	1400	920	790
8500	1240	920	790	1280	920	790	1320	920	790	1380	920	790	1400	920	790
9000	1200	890	790	1240	920	790	1180	920	790	1340	920	790	1400	920	790
9500	1160	870	780	1200	900	790	1060	920	790	1280	920	790	1300	920	790
10000	990	840	750	1160	870	780	860	860	790	1070	920	790	1200	920	790
10500	800	800	730	1020	850	760	—	—	—	890	890	790	1070	920	790
11000	—	—	—	850	820	740	—	—	—	730	730	730	910	910	790
Lead-Acid battery (Ah)	620	620	620	775	775	775	620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

Model	RRE140H						RRE160H								
Distance between support arms, b_4 (mm)	900, 1100						900, 1100								
Battery compartment (mm)	347	347	347	419	419	419	347	347	347	419	419	419	491	491	491
Support studs (with/without)	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without	Without
Load center (mm)	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)															
4900	1400	920	790	1400	920	790	1400	920	790	1400	920	790	1400	920	790
5400	1400	920	790	1400	920	790	1400 *	920 *	790 *	1400	920	790	1400	920	790
5700	1400	920	790	1400	920	790	1400 *	920 *	790 *	1400	920	790	1400	920	790
6300	1400 *	920 *	790 *	1400	920	790	1400 *	920 *	790 *	1400 *	920 *	790 *	1400	920	790
7000	1390 *	920 *	790 *	1400 *	920 *	790 *	—	—	—	1400 *	920 *	790 *	1400 *	920 *	790 *
7250	1350 *	920 *	790 *	1400 *	920 *	790 *	—	—	—	—	—	—	1400 *	920 *	790 *
7500	1330 *	920 *	790 *	1380 *	920 *	790 *	—	—	—	—	—	—	1400 *	920 *	790 *
8000	—	—	—	1330 *	920 *	790 *	—	—	—	—	—	—	—	—	—
Lead-Acid battery (Ah)	620	620	620	775	775	775	620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448	308, 448

* Only for Distance between support arms 1100 mm.

Model	RRE180H										RRE200H									
Distance between support arms, b_4 (mm)	900, 1100, 1300 *										900, 1100, 1300 *									
Battery compartment (mm)	Mast	347	347	347	419	419	419	491	491	491	Mast	347	347	347	419	419	419	491	491	491
Support studs (with/without)	type	With	With	With	With	With	With	With	With	With	type	With	With	With	With	With	With	With	With	With
Load center (mm)		600	1050	1250	600	1050	1250	600	1050	1250		600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)																				
6300	B	1700	1220	1060	1700	1220	1060	1700	1220	1060	B	1700	1220	1060	1700	1220	1060	1700	1220	1060
7000	B	1690	1220	1060	1700	1220	1060	1700	1220	1060	B	1700	1220	1060	1700	1220	1060	1700	1220	1060
7250	B	—	—	—	—	—	—	—	—	—	B	—	—	—	—	—	—	—	—	—
7500	B	1640	1220	1060	1700	1220	1060	1700	1220	1060	B	1700	1220	1060	1700	1220	1060	1700	1220	1060
8000	B	1600	1200	1060	1690	1220	1060	1700	1220	1060	B	1700	1220	1060	1700	1220	1060	1700	1220	1060
8500	B	1280	1160	1040	1650	1220	1060	1650	1220	1060	B	1390	1220	1060	1650	1220	1060	1650	1220	1060
9000	B	1010	1010	1000	1370	1190	1060	1530	1220	1060	B	1110	1110	1060	1450	1220	1060	1530	1220	1060
9500	B	790	790	790	1100	1100	1030	1410	1220	1060	B	890	890	890	1190	1060	1410	1220	1060	1060
10000	B	600	600	600	880	880	880	1190	1160	1040	C	780	780	780	1080	1080	1080	1400	1290	1150
10500	B	450	450	450	700	700	700	980	980	980	C	620	620	620	890	890	890	1170	1170	1110
11000	B	—	—	—	550	550	550	800	800	800	C	—	—	—	720	720	720	980	980	980
11500	C	—	—	—	500	500	500	750	750	750	D	—	—	—	670	670	670	930	930	930
12000	C	—	—	—	370**	370**	370**	610	610	610	D	—	—	—	530**	530**	530**	770	770	770
12500	C	—	—	—	250**	250**	250**	470	470	470	D	—	—	—	400**	400**	400**	630	630	630
13000	C	—	—	—	140**	140**	140**	350	350	350	D	—	—	—	290**	290**	290**	500	500	500
Lead-Acid battery (Ah)		620	620	620	775	775	775	930	930	930		620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)		308, 448	308, 449	308, 450	308, 448	308, 449	308, 450	308, 448	308, 449	308, 450		308, 448	308, 449	308, 450	308, 448	308, 449	308, 448	308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

** Only with 1100 mm between support arms and with support studs.

Lift capacities RRE180H - RRE200H

Actual capacity at 600, 1050, 1250 mm load centre

Fork carriage: Standard

Forks: Manual Telescopic forks 143 x 40 x 1200-2000 mm

Side shift: With/without side shift

According to norm: CE

Model	RRE180H										RRE200H									
Distance between support arms, b_4 (mm)	900, 1100, 1300*										900, 1100, 1300 *									
Battery compartment (mm)	Mast type	347 With	347 With	347 With	419 With	419 With	419 With	491 With	491 With	491 With	Mast type	347 With	347 With	347 With	419 With	419 With	419 With	491 With	491 With	491 With
Support studs (with/without)		600	1050	1250	600	1050	1250	600	1050	1250		600	1050	1250	600	1050	1250	600	1050	1250
Load center (mm)		600	1050	1250	600	1050	1250	600	1050	1250		600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)																				
5400	B	1500	850	720	1500	850	720	1500	850	720	B	1500	850	720	1500	850	720	1500	850	720
5700	B	1500	850	720	1500	850	720	1500	850	720	B	1500	850	720	1500	850	720	1500	850	720
6300	B	1500	850	720	1500	850	720	1500	850	720	B	1500	850	720	1500	850	720	1500	850	720
7000	B	1500	850	720	1500	850	720	1500	850	720	B	1500	850	720	1500	850	720	1500	850	720
7500	B	1500	850	720	1500	850	720	1500	850	720	B	1500	850	720	1500	850	720	1500	850	720
8000	B	1500	850	720	1500	850	720	1500	850	720	B	1500	850	720	1500	850	720	1500	850	720
8500	B	1500	850	720	1500	850	720	1500	850	720	B	1500	850	720	1500	850	720	1500	850	720
9000	B	1500	850	720	1500	850	720	1500	850	720	B	1500	850	720	1500	850	720	1500	850	720
9500	B	1410	850	720	1410	850	720	1410	850	720	B	1410	850	720	1410	850	720	1410	850	720
10000	B	1300	850	720	1300	850	720	1300	850	720	C	1500	850	720	1500	850	720	1500	850	720
10500	B	1170	850	720	1200	850	720	1200	850	720	C	1450	850	720	1450	850	720	1450	850	720
11000	B	—	—	—	1100	850	720	1100	850	720	C	—	—	—	1310	850	720	1310	850	720
11500	C	—	—	—	1110	850	720	1170	850	720	D	—	—	—	1460	850	720	1500	850	720
12000	C	—	—	—	860**	850**	720**	1030	850	720	D	—	—	—	1170**	850**	720**	1430	850	720
12500	C	—	—	—	640**	640**	640**	890	850	720	D	—	—	—	930**	850**	720**	1280	850	720
13000	C	—	—	—	450**	450**	450**	750	750	720	D	—	—	—	730**	730**	720**	1050	850	720
Lead-Acid battery (Ah)		620	620	620	775	775	775	930	930	930		620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)		308, 448	308, 449	308, 450	308, 448	308, 449	308, 450	308, 448	308, 449	308, 450		308, 448	308, 449	308, 450	308, 448	308, 449	308, 450	308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

** Only with 1100 mm between support arms and with support studs.

Actual capacity at 600, 1050, 1250 mm load centre

Fork carriage: Standard

Forks: Hydraulic Telescopic forks 128 x 40 x 1200-2000 mm

Side shift: With/without side shift

According to norm: CE

Model	RRE180H										RRE200H									
Distance between support arms, b_4 (mm)	900, 1100, 1300*										900, 1100, 1300 *									
Battery compartment (mm)	Mast type	347 With	347 With	347 With	419 With	419 With	419 With	491 With	491 With	491 With	Mast type	347 With	347 With	347 With	419 With	419 With	419 With	491 With	491 With	491 With
Support studs (with/without)		600	1050	1250	600	1050	1250	600	1050	1250		600	1050	1250	600	1050	1250	600	1050	1250
Load center (mm)		600	1050	1250	600	1050	1250	600	1050	1250		600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)																				
5400	B	1700	970	810	1700	970	810	1700	970	810	B	1700	970	810	1700	970	810	1700	970	810
5700	B	1700	970	810	1700	970	810	1700	970	810	B	1700	970	810	1700	970	810	1700	970	810
6300	B	1700	970	810	1700	970	810	1700	970	810	B	1700	970	810	1700	970	810	1700	970	810
7000	B	1700	970	810	1700	970	810	1700	970	810	B	1700	970	810	1700	970	810	1700	970	810
7500	B	1700	970	810	1700	970	810	1700	970	810	B	1700	970	810	1700	970	810	1700	970	810
8000	B	1700	970	810	1700	970	810	1700	970	810	B	1700	970	810	1700	970	810	1700	970	810
8500	B	1700	970	810	1650	970	810	1650	970	810	B	1650	970	810	1650	970	810	1650	970	810
9000	B	1650	970	810	1530	970	810	1530	970	810	B	1530	970	810	1530	970	810	1530	970	810
9500	B	1530	970	810	1410	970	810	1410	970	810	B	1410	970	810	1410	970	810	1410	970	810
10000	B	1410	970	810	1300	970	810	1300	970	810	C	1600	970	810	1600	970	810	1600	970	810
10500	B	1300	970	810	1200	970	810	1200	970	810	C	1450	970	810	1450	970	810	1450	970	810
11000	B	1170	970	810	1100	970	810	1100	970	810	C	—	—	—	1310	970	810	1310	970	810
11500	C	—	—	—	1120	970	810	1170	970	810	D	—	—	—	1460	970	810	1570	970	810
12000	C	—	—	—	870**	870**	810**	1030	970	810	D	—	—	—	1180**	970**	810**	1430	970	810
12500	C	—	—	—	650**	650**	650**	890	890	810	D	—	—	—	940**	940**	810**	1290	970	810
13000	C	—	—	—	460**	460**	460**	750	750	750	D	—	—	—	730**	730**	730**	1060	970	810
Lead-Acid battery (Ah)		620	620	620	775	775	775	930	930	930		620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)		308, 448	308, 449	308, 450	308, 448	308, 449	308, 450	308, 448	308, 449	308, 450		308, 448	308, 449	308, 450	308, 448	308, 449	308, 450	308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

** Only with 1100 mm between support arms and with support studs.

Actual capacity at 600 mm load centre

Fork carriage: Fork spreader

Forks: Standard

Side shift: With side shift

According to norm: CE

Model	RRE180H				RRE200H			
Distance between support arms, b_4 (mm)	900, 1100, 1300*				900, 1100, 1300 *			
Battery compartment (mm)	Mast	347	419	491	Mast	347	419	491
Support studs (with/without)	type	With	With	With	type	With	With	With
Lift height, h_{23} (mm)								
4850	B	1800	1800	1800	B	1950	1950	1950
5400	B	1800	1800	1800	B	1950	1950	1950
5700	B	1800	1800	1800	B	1950	1950	1950
6300	B	1800	1800	1800	B	1950	1950	1950
7000	B	1760	1800	1800	B	1940	1950	1950
7500	B	1720	1800	1800	B	1880	1880	1880
8000	B	1680	1760	1760	B	1760	1760	1760
8500	B	1630	1650	1650	B	1650	1650	1650
9000	B	1530	1530	1530	B	1530	1530	1530
9500	B	1410	1410	1410	B	1410	1410	1410
10000	B	1300	1300	1300	C	1500	1600	1600
10500	B	1120	1200	1200	C	1200	1450	1450
11000	B	—	1100	1100	C	—	1310	1310
11500	C	—	1140	1170	D	—	1240	1400
12000	C	—	930**	1030	D	—	1030**	1250
12500	C	—	740**	890	D	—	840**	1110
13000	C	—	580**	750	D	—	680**	960
Lead-Acid battery (Ah)		620	775	930		620	775	930
Li-Ion battery (Ah)		308, 448	308, 448	308, 448		308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

** Only with 1100 mm between support arms and with support studs.

Lift capacities RRE180H - RRE200H - RRE250H**Actual capacity at 600, 1050, 1250 mm load centre**

Fork carriage: Standard

Forks: Manual Telescopic forks 135 x 55 x 1200-2000 mm

Side shift: With/without side shift

According to norm: CE

Model	RRE180H										RRE200H									
Distance between support arms, b_4 (mm)	900, 1100, 1300*										900, 1100, 1300 *									
Battery compartment (mm)	Mast	347	347	419	419	419	491	491	491	491	Mast	347	347	347	419	419	419	491	491	491
Support studs (with/without)	type	With	With	With	With	With	With	With	With	With	type	With	With	With	With	With	With	With	With	With
Load center (mm)		600	1050	1250	600	1050	1250	600	1050	1250		600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)																				
5400	B	1800	1190	1000	1800	1190	1000	1800	1190	1000	B	2000	1190	1000	2000	1190	1000	2000	1190	1000
5700	B	1800	1190	1000	1800	1190	1000	1800	1190	1000	B	2000	1190	1000	2000	1190	1000	2000	1190	1000
6300	B	1800	1190	1000	1800	1190	1000	1800	1190	1000	B	2000	1190	1000	2000	1190	1000	2000	1190	1000
7000	B	1770	1190	1000	1800	1190	1000	1800	1190	1000	B	1950	1190	1000	2000	1190	1000	2000	1190	1000
7500	B	1720	1190	1000	1800	1190	1000	1800	1190	1000	B	1880	1190	1000	1880	1190	1000	1880	1190	1000
8000	B	1680	1190	1000	1760	1190	1000	1760	1190	1000	B	1760	1190	1000	1760	1190	1000	1760	1190	1000
8500	B	1630	1190	1000	1650	1190	1000	1650	1190	1000	B	1650	1190	1000	1650	1190	1000	1650	1190	1000
9000	B	1530	1170	1000	1530	1190	1000	1530	1190	1000	B	1530	1190	1000	1530	1190	1000	1530	1190	1000
9500	B	1410	1120	1000	1410	1190	1000	1410	1190	1000	B	1410	1190	1000	1410	1190	1000	1410	1190	1000
10000	B	1300	1070	950	1300	1140	1000	1300	1190	1000	C	1600	1190	1000	1600	1190	1000	1600	1190	1000
10500	B	1160	1010	900	1200	1080	970	1200	1150	1000	C	1450	1170	1000	1450	1190	1000	1450	1190	1000
11000	B	—	—	—	1100	1020	910	1100	1090	970	C	—	—	—	1310	1190	1000	1310	1190	1000
11500	C	—	—	—	1110	1030	910	1170	1090	970	D	—	—	—	1450	1190	1000	1570	1190	1000
12000	C	—	—	—	850**	850**	850**	1030	1030	930	D	—	—	—	1170**	1170**	1000**	1420	1190	1000
12500	C	—	—	—	640**	640**	640**	890	890	890	D	—	—	—	930**	930**	930**	1260	1190	1000
13000	C	—	—	—	440**	440**	440**	750	750	750	D	—	—	—	720**	720**	720**	1040	1040	1000
Lead-Acid battery (Ah)		620	620	620	775	775	775	930	930	930		620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)		308, 448	308, 449	308, 450	308, 448	308, 449	308, 450	308, 448	308, 449	308, 450		308, 448	308, 449	308, 450	308, 448	308, 449	308, 450	308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

** Only with 1100 mm between support arms and with support studs.

Model	RRE250H						
Distance between support arms, b_4 (mm)	900, 1100, 1300 *						
Battery compartment (mm)	Mast type	419	419	419	491	491	491
Support studs (with/without)		With	With	With	With	With	With
Load center (mm)		600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)							
5400	C	2080	1190	1000	2080	1190	1000
5700	C	2080	1190	1000	2080	1190	1000
6300	C	2080	1190	1000	2080	1190	1000
7000	C	2080	1190	1000	2080	1190	1000
7500	C	2080	1190	1000	2080	1190	1000
8000	C	2030	1190	1000	2050	1190	1000
8500	C	1930	1190	1000	1930	1190	1000
9000	C	1820	1190	1000	1820	1190	1000
9500	C	1710	1190	1000	1710	1190	1000
10000	D	1890	1190	1000	1990	1190	1000
10500	D	1820	1190	1000	1850	1190	1000
11000	D	1710	1190	1000	1710	1190	1000
11500	D	1400	1190	1000	1570	1190	1000
12000	D	1140**	1140**	1000**	1430	1190	1000
12500	D	910**	910**	910**	1230	1190	1000
13000	D	710**	710**	710**	1010	1010	1000
Lead-Acid battery (Ah)		775	775	775	930	930	930
Li-Ion battery (Ah)		308, 448	308, 449	308, 450	308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

** Only with 1100 mm between support arms and with support studs.

Actual capacity at 600, 1050, 1250 mm load centre

Fork carriage: Standard

Forks: Hydraulic Telescopic forks 140 x 56 x 1200-2000 mm

Side shift: With/without side shift

According to norm: CE

Model	RRE180H										RRE200H									
Distance between support arms, b_4 (mm)	900, 1100, 1300*										900, 1100, 1300 *									
Battery compartment (mm)	Mast type	347	347	347	419	419	419	491	491	491	Mast type	347	347	347	419	419	419	491	491	491
Support studs (with/without)		With	With	With	With	With	With	With	With	With		With	With	With	With	With	With	With	With	With
Load center (mm)		600	1050	1250	600	1050	1250	600	1050	1250		600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)																				
5400	B	1800	1140	960	1800	1140	960	1800	1140	960	B	1990	1140	960	1990	1140	960	1990	1140	960
5700	B	1800	1140	960	1800	1140	960	1800	1140	960	B	1990	1140	960	1990	1140	960	1990	1140	960
6300	B	1800	1140	960	1800	1140	960	1800	1140	960	B	1990	1140	960	1990	1140	960	1990	1140	960
7000	B	1760	1140	960	1800	1140	960	1800	1140	960	B	1940	1140	960	1990	1140	960	1990	1140	960
7500	B	1720	1140	960	1800	1140	960	1800	1140	960	B	1880	1140	960	1880	1140	960	1880	1140	960
8000	B	1670	1140	960	1760	1140	960	1760	1140	960	B	1760	1140	960	1760	1140	960	1760	1140	960
8500	B	1620	1140	960	1650	1140	960	1650	1140	960	B	1650	1140	960	1650	1140	960	1650	1140	960
9000	B	1530	1140	960	1530	1140	960	1530	1140	960	B	1530	1140	960	1530	1140	960	1530	1140	960
9500	B	1410	1120	960	1410	1140	960	1410	1140	960	B	1410	1140	960	1410	1140	960	1410	1140	960
10000	B	1300	1060	950	1300	1140	960	1300	1140	960	C	1600	1140	960	1600	1140	960	1600	1140	960
10500	B	1160	1010	900	1200	1080	960	1200	1140	960	C	1450	1140	960	1450	1140	960	1450	1140	960
11000	B	—	—	—	1100	1020	910	1100	1080	960	C	—	—	—	1310	1140	960	1310	1140	960
11500	C	—	—	—	1110	1020	910	1170	1080	960	D	—	—	—	1450	1140	960	1570	1140	960
12000	C	—	—	—	850**	850**	850**	1030	1030	920	D	—	—	—	1170**	1140**	960**	1420	1140	960
12500	C	—	—	—	630**	630**	630**	890	890	890	D	—	—	—	920**	920**	920**	1260	1140	960
13000	C	—	—	—	430**	430**	430**	750	750	750	D	—	—	—	710**	710**	710**	1040	1040	960
Lead-Acid battery (Ah)		620	620	620	775	775	775	930	930	930		620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)		308, 448	308, 449	308, 450	308, 448	308, 449	308, 450	308, 448	308, 449	308, 450		308, 448	308, 449	308, 450	308, 448	308, 449	308, 450	308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

** Only with 1100 mm between support arms and with support studs.

Actual capacity at 600, 1050, 1250 mm load centre

Fork carriage: Standard

Forks: Hydraulic Telescopic forks 170 x 56 x 1200-2000 mm

Side shift: With/without side shift

According to norm: CE

Model	RRE180H										RRE200H									
Distance between support arms, b_4 (mm)	900, 1100, 1300*										900, 1100, 1300 *									
Battery compartment (mm)	Mast type	347	347	347	419	419	419	491	491	491	Mast type	347	347	347	419	419	419	491	491	491
Support studs (with/without)		With	With	With	With	With	With	With	With	With		With	With	With	With	With	With	With	With	With
Load center (mm)		600	1050	1250	600	1050	1250	600	1050	1250		600	1050	1250	600	1050	1250	600	1050	1250
Lift height, h_{23} (mm)																				
5400	B	1800	1280	1100	1800	1280	1100	1800	1280	1100	B	1970	1280	1100	1970	1280	1100	1970	1280	1100
5700	B	1800	1280	1100	1800	1280	1100	1800	1280	1100	B	1970	1280	1100	1970	1280	1100	1970	1280	1100
6300	B	1800	1280	1100	1800	1280	1100	1800	1280	1100	B	1970	1280	1100	1970	1280	1100	1970	1280	1100
7000	B	1740	1280	1100	1800	1280	1100	1800	1280	1100	B	1920	1280	1100	1970	1280	1100	1970	1280	1100
7500	B	1700	1260	1100	1790	1280	1100	1800	1280	1100	B	1880	1280	1100	1880	1280	1100	1880	1280	1100
8000	B	1650	1230	1100	1740	1280	1100	1760	1280	1100	B	1760	1280	1100	1760	1280	1100	1760	1280	1100
8500	B	1600	1190	1060	1650	1270	1100	1650	1280	1100	B	1650	1280	1100	1650	1280	1100	1650	1280	1100
9000	B	1530	1140	1020	1530	1220	1090	1530	1280	1100	B	1530	1280	1100	1530	1280	1100	1530	1280	1100
9500	B	1410	1100	980	1410	1170	1050	1410	1240	1100	B	1410	1250	1100	1410	1280	1100	1410	1280	1100
10000	B	1300	1040	930	1300	1120	1000	1300	1190	1060	C	1580	1190	1050	1600	1260	1110	1600	1330	1180
10500	B	1150	990	880	1200	1060	950	1200	1130	1010	C	1450	1150	1020	1450	1220	1080	1450	1280	1140
11000	B	—	—	—	1100	1000	890	1100	1060	950	C	—	—	—	1310	1170	1040	1310	1240	1100
11500	C	—	—	—	1090	1010	890	1170	1070	950	D	—	—	—	1440	1180	1070	1570	1250	1140
12000	C	—	—	—	830**	830**	830**	1030	1020	910	D	—	—	—	1150**	1150**	1040**	1390	1210	1100
12500	C	—	—	—	610**	610**	610**	890	890	870	D	—	—	—	900**	900**	900**	1240	1180	1070
13000	C	—	—	—	410**	410**	410**	730	730	730	D	—	—	—	690**	690**	690**	1020	1020	1020
Lead-Acid battery (Ah)		620	620	620	775	775	775	930	930	930		620	620	620	775	775	775	930	930	930
Li-Ion battery (Ah)		308, 448	308, 449	308, 450	308, 448	308, 449	308, 450	308, 448	308, 449	308, 450		308, 448	308, 449	308, 450	308, 448	308, 449	308, 450	308, 448	308, 448	308, 448

* Width 1300 mm is without support studs.

** Only with 1100 mm between support arms and with support studs.

Model	RRE250H						
Distance between support arms, b_4 (mm)	900, 1100, 1300 *						
Battery compartment (mm)	Mast type	419		419		419	
Support studs (with/without)		With		With		With	
Load center (mm)		600		1050		1250	
Lift height, h_{23} (mm)							
5400	C	2410		1420		1200	
5700	C	2350		1420		1200	
6300	C	2250		1420		1200	
7000	C	2130		1420		1200	
7500	C	2070		1420		1200	
8000	C	2000		1420		1200	
8500	C	1930		1420		1200	
9000	C	1820		1420		1200	
9500	C	1710		1390		1200	
10000	D	1860		1420		1200	
10500	D	1790		1370		1200	
11000	D	1700		1320		1190	
11500	D	1390		1270		1160	
12000	D	1120**		1120**		1120**	
12500	D	880**		880**		880**	
13000	D	680**		680**		680**	
Lead-Acid battery (Ah)		775		775		775	
Li-Ion battery (Ah)		308, 448		308, 449		308, 450	

* Width 1300 mm is without support studs.

** Only with 1100 mm between support arms and with support studs.

Actual capacity at 600 mm load centre

Fork carriage: Standard

Forks: Standard

Side shift: With/without side shift

According to norm: CE

Model	RRE180H				RRE200H				RRE250H		
Distance between support arms, b_4 (mm)	900, 1100, 1300*				900, 1100, 1300 *				900, 1100, 1300 *		
Battery compartment (mm)	Mast	347	419	491	Mast	347	419	491	Mast	419	491
Support studs (with/without)	type	With	With	With	type	With	With	With	type	With	With
Lift height, h_{23} (mm)											
4850	B	1800	1800	1800	B	2000	2000	2000	C	2500	2500
5400	B	1800	1800	1800	B	2000	2000	2000	C	2460	2500
5700	B	1800	1800	1800	B	2000	2000	2000	C	2400	2500
6300	B	1800	1800	1800	B	2000	2000	2000	C	2290	2390
7000	B	1800	1800	1800	B	1990	2000	2000	C	2170	2260
7500	B	1760	1800	1800	B	1880	1880	1880	C	2110	2160
8000	B	1720	1760	1760	B	1760	1760	1760	C	2050	2050
8500	B	1650	1650	1650	B	1650	1650	1650	C	1930	1930
9000	B	1530	1530	1530	B	1530	1530	1530	C	1820	1820
9500	B	1410	1410	1410	B	1410	1410	1410	C	1710	1710
10000	B	1300	1300	1300	C	1600	1600	1600	D	1910	2000
10500	B	1160	1200	1200	C	1450	1450	1450	D	1840	1850
11000	B	—	1100	1100	C	—	1310	1310	D	1710	1710
11500	C	—	1110	1170	D	—	1450	1570	D	1410	1570
12000	C	—	860**	1030	D	—	1170**	1430	D	1140**	1430
12500	C	—	640**	890	D	—	930**	1280	D	910**	1230
13000	C	—	450**	750	D	—	730**	1050	D	710**	1010
Lead-Acid battery (Ah)		620	775	930		620	775	930		775	930
Li-Ion battery (Ah)		308, 448	308, 448	308, 448		308, 448	308, 448	308, 448		308, 448	308, 448

* Width 1300 mm is without support studs.

** Only with 1100 mm between support arms and with support studs.

Standard equipment and option availability

BT Reflex R & E-series	RRE140 - 250H	RRE140 - 250HE
Truck features		
Adjustable fork width	●	●
Automatic deceleration	●	●
Automatic parking brake	●	●
Choice of chassis widths	○	○
Clear-view mast	●	●
Clear-view overhead guard	●	●
Transparent overhead guard	○	○
Electronic braking system	●	●
Electronic regenerative brakes (motor)	●	●
Electronic speed control	●	●
Electronic support arm brakes (standard on RRE180 - 250)	○	○
Enclosed, heated cab	○	○
High-capacity battery models	○	○
High performance models	○	○
Load support	○	○
Optimised Cornering Control (OTP)	●	●
Optimised Reach Control (OTP)	●	●
Optimised Speed Control when mast reached out (OTP)	●	●
Integrated sideshift	○	○
Fork spreader	○	○
Tilting forks	●	●
Working lights	○	○
Blue or Red LED Warning light	○	○
Controls and instruments		
360° progressive steering	●	●
Access Control (PIN codes)	●	●
Adjustable Control console	●	●
Automatic 0-tilt	○	○
Camera/monitor system	○	○
Creep speed function	●	●
Drive motor temperature warning	●	●
E-bar	●	●
Electronic controller temperature warning	●	●
Electronic height indicator	○	○
Emergency cut-off	●	●
Height pre-selector	○	○
Lift motor temperature warning	●	●
Load information display	○	○
Mini-joystick electronic controls	●	●
Multifunction control	○	○
Pedals as in a car	●	●
Power/Electronic steering	●	●
Smart Access (electronic card/fob)	○	○
Split control panel	●	●
Steering direction indicator	●	●
Weight indicator	○	○
Fork position laser	○	○

BT Reflex R & E-series	RRE140 - 250H	RRE140 - 250HE
Operator features		
Adjustable seat	●	●
Adjustable seat with safety belt	○	○
Adjustable steering wheel	●	●
Armrest	○	○
Manually adjustable floor	●	●
Electrically adjustable floor	○	○
Driver detection system	●	●
Driver-adapted programmable performance	●	●
Heated seat	○	○
Low step-in	●	●
Storage compartments	●	●
Tilting cab	—	●
Writing table	○	○
Maintenance features		
Easy access for maintenance	●	●
Fault diagnosis facility	●	●
Historic fault log	●	●
Battery management features		
Battery change facility	○	○
Battery discharge prevention system	●	●
Battery status indicator	●	●
Sideways battery change	○	○
Special applications		
Coldstore version	○	○
Drive-in rack version	○	○
EEx version (ATEX)	○	○