



RX 60 Technical data.

Electric forklift trucks

RX 60-40

RX 60-45

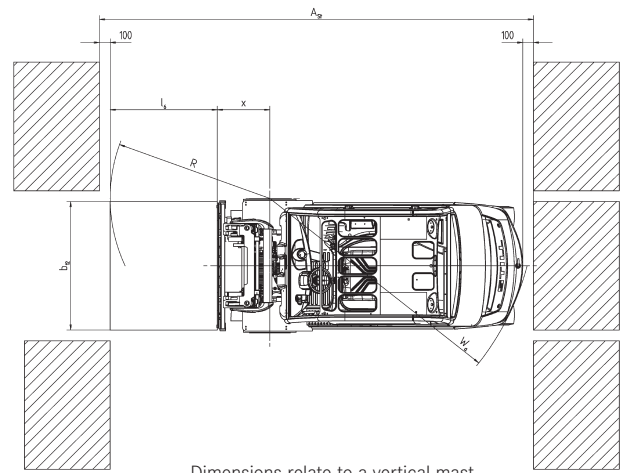
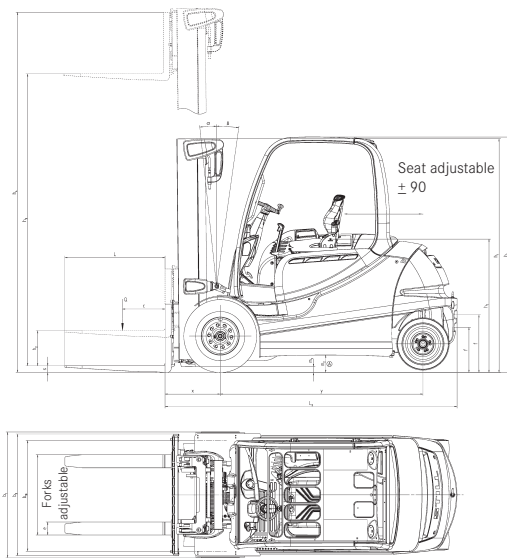
RX 60-50

RX 60-50/600



This specification sheet to VDI Guidelines 2198 only gives the technical figures for the standard truck.
Different tyres, other masts, additional equipment etc. could give different figures.

		STILL	STILL	STILL	STILL		
Characteristics	1.1	Manufacturer					
	1.2	Manufacturer's model designation	RX 60-40	RX 60-45	RX 60-50	RX 60-50/600	
	1.3	Truck type	Electric	Electric	Electric	Electric	
	1.4	Operation	Rider seated	Rider seated	Rider seated	Rider seated	
	1.5	Capacity	Q t	4.0	4.5	4.99	4.99
	1.6	Load centre	c mm	500	500	500	600
	1.8	Load distance	x mm	525	525	525	535
	1.9	Wheel base	y mm	2021	2021	2021	2088
	Weights	2.1	Truck weight	kg	6477	6793	7115
2.2		Axle load, laden, front	kg	9296	10112	10884	11547
2.2.1		Axle load, laden, rear	kg	1181	1181	1221	1154
2.3		Axle load, unladen, front	kg	3268	3329	3363	3845
2.3.1		Axle load, unladen, rear	kg	3209	3463	3752	3866
Wheel chassis	3.1	Tyres		SE	SE	SE	SE
	3.2	Tyre size, front		250-15	28 x 12.5-15	28 x 12.5-15	28 x 12.5-15
	3.3	Tyre size, rear		21 x 8-9	21 x 8-9	21 x 8-9	21 x 8-9
	3.5	Number of wheels front (x=driven)		2x	2x	2x	2x
	3.5.1	Number of wheels rear (x=driven)		2	2	2	2
	3.6	Track width, front	b ₁₀ mm	1030	1104	1104	1104
	3.7	Track width, rear	b ₁₁ mm	920	920	920	920
Basic dimensions	4.1	Tilt Mast/Fork carriage, forward	°	3	3	3	3
	4.1.1	Tilt Mast/Fork carriage, back	°	9	9	9	6
	4.2	Height, mast lowered	h ₁ mm	2300	2300	2300	2300
	4.3	Free lift	h ₂ mm	160	160	160	160
	4.4	Lift	h ₃ mm	2980	2980	2980	2780
	4.5	Height, mast raised	h ₄ mm	3987	3987	3987	3935
	4.7	Height over overhead guard (cab)	h ₆ mm	2322	2320	2320	2320
	4.8	Seat/Platform height (SRP)	h ₇ mm	1251	1249	1249	1249
	4.12	Coupling height	h ₁₀ mm	546/421	546/421	546/421	546/421
	4.19	Overall length	l ₁ mm	3886	3886	3886	4163
	4.20	Length including fork backs l ₂	l ₂ mm	2886	2886	2886	2963
	4.21	Overall width	b ₁ mm	1256	1399	1399	1399
	4.22	Fork thickness	s mm	50	50	50	60
	4.22.1	Fork width	e mm	120	120	150	130
	4.22.2	Fork length	l mm	1000	1000	1000	1200
	4.23	Fork carriage DIN 15173, Class/Form A, B		3 A	3 A	3 A	3 A
	4.24	Fork carriage width	b ₃ mm	1200	1310	1310	1310
	4.31	Floor clearance under mast, laden	m ₁ mm	150	150	150	150
	4.32	Floor clearance, centre of wheel-base	m ₂ mm	147	145	145	145
	4.33	Working aisle - 1000 x 1200 pallet crosswise	A _{st} mm	4208	4208	4208	4284
4.34	Working aisle - 800 x 1200 pallet lengthways	A _{st} mm	4408	4408	4408	4484	
4.35	Turning radius	W _a mm	2483	2483	2483	2549	
4.36	Smallest pivot point distance	b ₁₃ mm	629	629	629	638	
Performance data	5.1	Travel speed laden	km/h	19	19	19	18
	5.1.1	Travel speed unladen	km/h	20	20	20	19
	5.2	Hoist speed laden	m/s	0.40	0.38	0.33	0.31
	5.2.1	Hoist speed unladen	m/s	0.55	0.46	0.46	0.44
	5.3	Lowering speed laden	m/s	0.55	0.55	0.55	0.55
	5.3.1	Lowering speed unladen	m/s	0.46	0.46	0.46	0.46
	5.5	Drawbar pull laden	N	3770	3620	3600	3600
	5.5.1	Drawbar pull unladen	N	4390	4470	4400	4400
	5.6	Max. drawbar pull laden	N	15940	15830	15670	15670
	5.6.1	Max. drawbar pull unladen	N	16140	16150	16090	16090
	5.7	Gradeability laden	%	11.3	9.5	8.8	7.4
	5.7.1	Gradeability unladen	%	17.0	16.8	15.8	13.7
	5.8	Max. gradeability laden	%	15.5	14.3	13.2	12.6
5.8.1	Max. gradeability unladen	%	25.9	24.6	23.4	21.4	
5.9	Acceleration time laden	s	5.1	5.2	5.3	5.4	
5.9.1	Acceleration time unladen	s	4.5	4.5	4.6	4.7	
5.10	Service brake		electr./mech.	electr./mech.	electr./mech.	electr./mech.	
E-Motor	6.1	Drive motor, 60 minute rating	kW	15	15	15	15
	6.2	Hoist motor 15% rating	kW	25	25	25	25
	6.3	Battery to DIN 43531/35/36 A, B, C, No		DIN 43536 A	DIN 43536 A	DIN 43536 A	DIN 43536 A
	6.4	Battery voltage	U V	80	80	80	80
	6.4.1	Battery capacity	K _s Ah	840	840	840	840
	6.5	Battery weight	kg	2178	2178	2178	2178
	6.6	Energy consumption 60 CDI cycles/hour	kWh/h	10.2	10.8	11.5	12.1
Miscellaneous	8.1	Drive control					
	8.2	Working pressure for attachments	bar	250	250	250	250
	8.3	Oil flow for attachments	l/min	30	30	30	30
	8.4	Sound level at driver's ear	dB(A)	< 70	< 70	< 70	< 70
	8.5	Towing coupler, Type/Model DIN		Pin	Pin	Pin	Pin



Dimensions relate to a vertical mast.

			Telescopic mast		Triplex mast	
RX 60-40/45/50	Rated lift	h ₃ mm	2980 - 3680	4080 - 4880	4330 - 7180	
	Overall height	h ₁ mm	2300 - 2650	2850 - 3250	2250 - 3200	
	Free lift Form "B"	h ₅ mm	160	160	1462 - 2412	
	Free lift Form "A"	h ₅ mm	160	160	1504 - 2554	
	Greatest height Form "B"	h ₄ mm	3987 - 4687	5087 - 5887	5416 - 8266	
	Greatest height Form "A"	h ₄ mm	3987 - 4687	5087 - 5887	5437 - 8287	
	Forward tilt	a °	3			
	Back tilt	b °	9			
	Overall length	L ₂ mm	2886			
	Load distance	x mm	525			
Working aisle width	A _{st} mm	(1000 x 1200) 4208 // (1200 x 800) 4408				
RX 60-40	Tyres	v/h	250/70-15 // 200/75-9		345/45-15 // 200/75-9	
	Track	v/h mm	1030 // 920		1104 // 920	
	Greatest width	B mm	1256		1399	
	Fork locations, centre to centre	mm	191 368 572 673 876 978			
RX 60-45/50	Tyres	v/h	345/45-15 // 200/75-9			
	Track	v/h mm	1104 // 920			
	Greatest width	B mm	1399			
	Fork locations, centre to centre	mm	191 368 572 673 978 1080			
RX 60-50/600	Rated lift	h ₃ mm	2780 - 4680	4030 - 6880		
	Overall height	h ₁ mm	2300 - 3250	2250 - 3200		
	Free lift Form "A"	h ₅ mm	160	160	1230 - 2180	
	Greatest height Form "A"	h ₄ mm	3887 - 5787	5095 - 7945		
	Forward tilt	a °	3			
	Back tilt	b °	6			
	Overall length	L ₂ mm	2963			
	Load distance	x mm	535			
	Working aisle width	A _{st} mm	(1000 x 1200) 4248 // (1200 x 800) 4500			

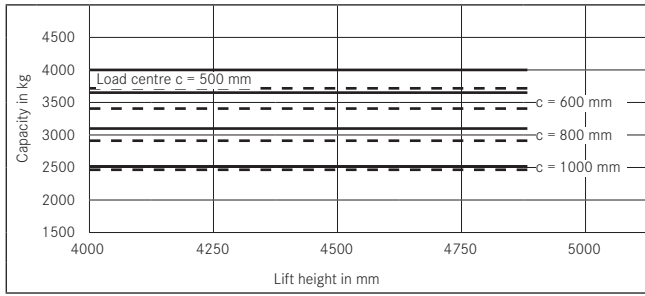
Gradients, maximum distance that can be driven in 60 minutes

Example: An RX 60-40 with a load of 4,000 kg and a gradient of 13% can drive a distance of 215m 10 times per hour.

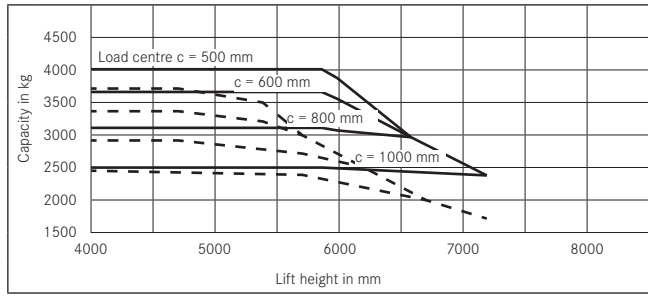
Unladen		RX 60-40	RX 60-45	RX 60-50	RX 60-50/600
	23%	1850 m	1470 m	1430 m	-
	20%	2700 m	2290 m	2030 m	1850
	15%	5390 m	5060 m	4350 m	4140
	10%	7180 m	6930 m	6700 m	6250
	5%	11660 m	11170 m	10720 m	10260
Laden	13%	2150 m	1590 m	1380 m	-
	9%	5030 m	4200 m	3620 m	3440
	7%	6070 m	5750 m	5380 m	5150
	5%	7580 m	7130 m	6670 m	6440

(dry rough concrete surface = Coefficient of friction 0.80)

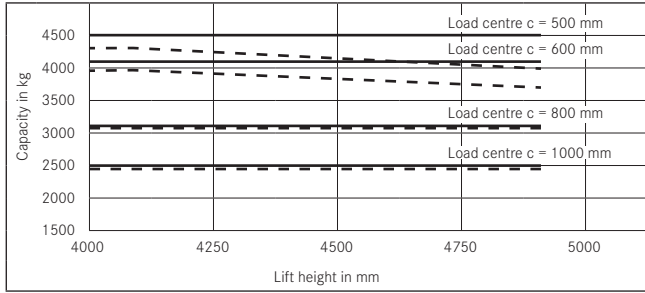
Capacities RX 60-40 Tele/HiLo mast



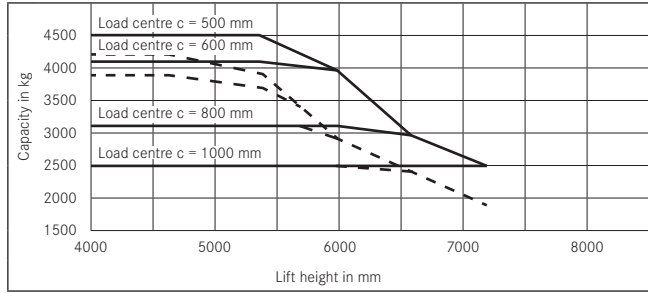
Capacities RX 60-40 with triplex mast



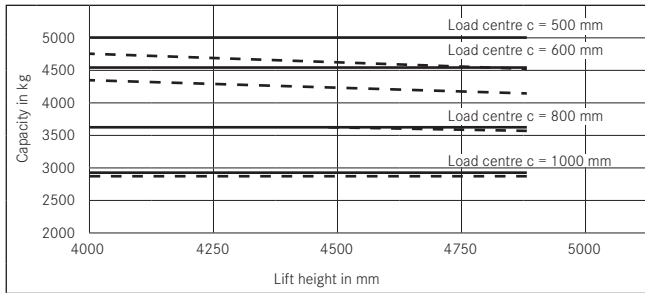
Capacities RX 60-45 Tele/HiLo mast (single tyres)



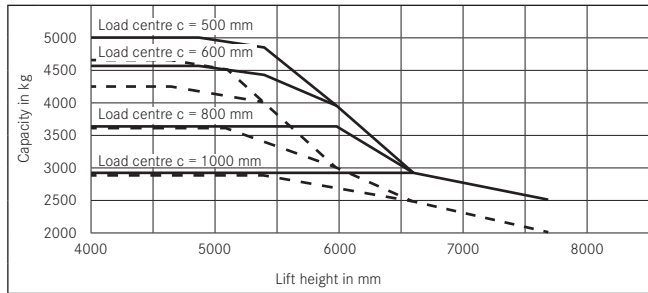
Capacities RX 60-45 Triplex mast/single tyres



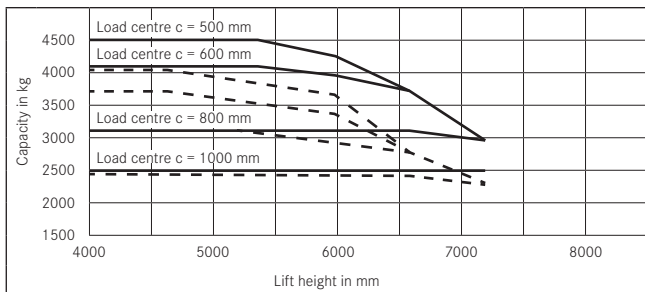
Capacities RX 60-50 Tele/HiLo mast



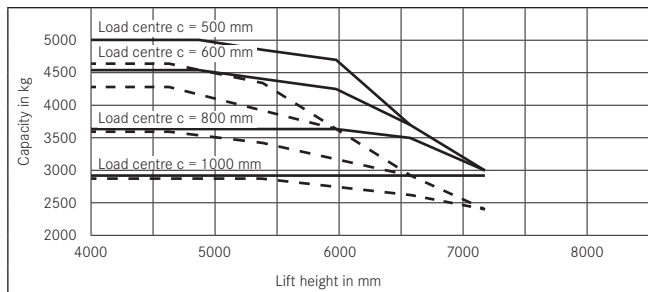
Capacities RX 60-50 Triplex mast/single tyres



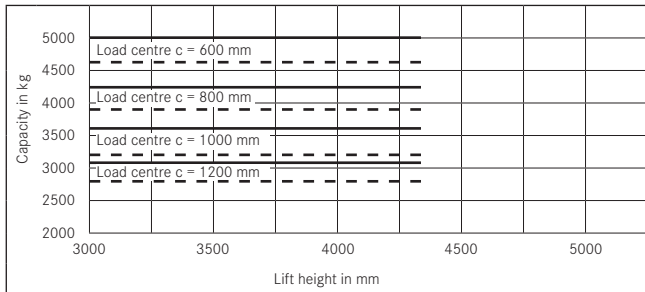
Capacities RX 60-45 Triplex mast/dual tyres



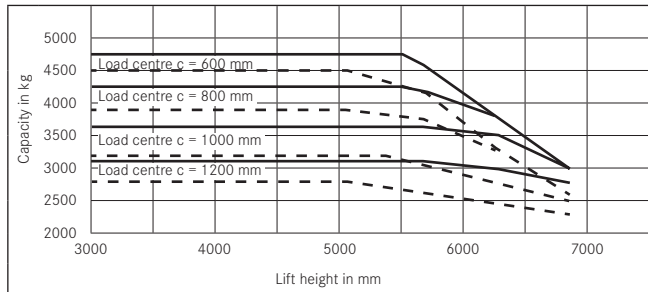
Capacities RX 60-50 Triplex mast/dual tyres



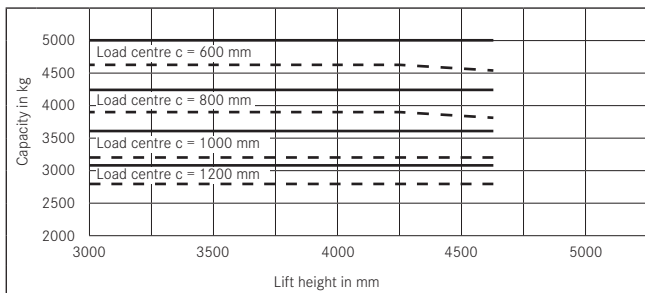
Capacities RX 60-50/600 Triple mast to BH2350



Capacities RX 60-50/600 Triple mast from BH2400



Capacities RX 60-50/600 Tele-mast to BH3250



— without Sideshifter
- - - with Sideshifter



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