

STILL



RX 60 Technical Data Electric Forklift Truck

RX 60-30



first in intralogistics



RX 60-25/35 Electric Forklift Truck
Emissions-free efficiency for every use

Distinguishing marks	1.1	Manufacturer			STILL		
	1.2	Manufacturer's type designation			RX 60-30		
	1.2.1	Manufacturer model number			6353		
	1.3	Drive			Electro		
	1.4	Operation			Seated		
	1.5	Nominal load capacity/load	Q	kg	3000		
	1.6	Load centre distance	c	mm	500		
	1.8	Load spacing	x	mm	465		
	1.9	Wheel base	y	mm	1650		
Weights	2.1	Weight incl. battery		kg	5104		
	2.2	Axle weight with load	front/rear	kg	7274/830		
	2.3	Axle weight without load	front/rear	kg	2519/2585		
Tyres/chassis	3.1	Tyres			Superelastic		
	3.2	Tyre size	front	mm	250/60-12 (23 x 10-12)		
	3.2	Tyre size	rear	mm	180/70-8 (18 x 7-8)		
	3.5	Number of wheels (x = driven)	front/rear		2x/2		
Basic dimensions	3.6	Track width	front/rear	b ₁₀ /b ₁₁	mm	950/900	
	4.1	Angle of mast/fork carriage	forward/backward ⁴	α/β	°	5/7	
	4.2	Height of mast	when retracted	h ₁	mm	2200	
	4.3	Free lift		h ₂	mm	160	
	4.4	Lift ¹		h ₃	mm	3020	
	4.5	Height of mast	when extended	h ₄	mm	3800	
	4.7	Height above protected roof (cabin)		h ₆	mm	2212	
	4.8	Seat height in terms of SIP		h ₇	mm	1257	
	4.12	Coupling height		h ₁₀	mm	487/367	
	4.19	Total length		l ₁	mm	3428	
	4.20	Length including fork backs		l ₂	mm	2428	
	4.21	Total width		b ₁	mm	1199	
	4.22	Fork dimensions		s/e/l	mm	50/100/1000	
	4.23	Fork carriage ISO 2328, class/form A, B				ISO III A	
	4.24	Fork carriage width		b ₃	mm	1150	
	4.31	Ground clearance under mast		m ₁	mm	125	
	4.32	Ground clearance centre wheel base		m ₂	mm	127	
	Performance data	4.34.1	Working aisle width with pallet 1000 x 1200 crossways ⁴		A _{st}	mm	3760
		4.34.2	Working aisle width with pallet 800 x 1200 lengthways ⁴		A _{st}	mm	3960
4.35		Turning radius		W _B	mm	2095	
4.36		Smallest pivoting distance		b ₁₃	mm	570	
5.1		Driving speed	with/without load		km/h	19/20	
5.2		Lifting speed	with/without load		m/s	0.43/0.55	
Electric engine	5.3	Lowering speed	with/without load		m/s	0.51/0.45	
	5.5	Drawbar pull	with/without load		N	7680/8040	
	5.6	Max. drawbar pull	with/without load		N	17050/17240	
	5.7	Gradeability	with/without load		%	18.1/29.0	
	5.8	Max. gradeability	with/without load		%	21.7/29.0	
	5.9	Acceleration time	with/without load		s	4.7/4.2	
	5.10	Service brake				Electric/mechanical	
	6.1	Drive motor, output with S2 60 min			kW	15	
	6.2	Lifting motor, output with S3 15%			kW	16.3	
	6.3	Battery according to DIN 43531/35/36 A, B, C, no				DIN 43536 A	
Misc.	6.4	Battery voltage	U	V	80		
	6.4.1	Battery capacity K _s		Ah	560 - 620		
	6.5	Battery weight		kg	1558		
	6.6	Energy consumption 60 VDI combustion cycles/hour		kWh/h	7.5		
Misc.	10.1	Working pressure for accessory equipment		bar	250		
	10.2	Oil volume for accessory equipment		l/min	30		
	10.7	Sound pressure level L _{pAZ} (operator's position) ²		dB(A)	<70		
		Human vibrations: acceleration in accordance with EN 13059		m/s ²	<0.7		
	10.8	Trailer coupling, item/DIN type			Bolt		

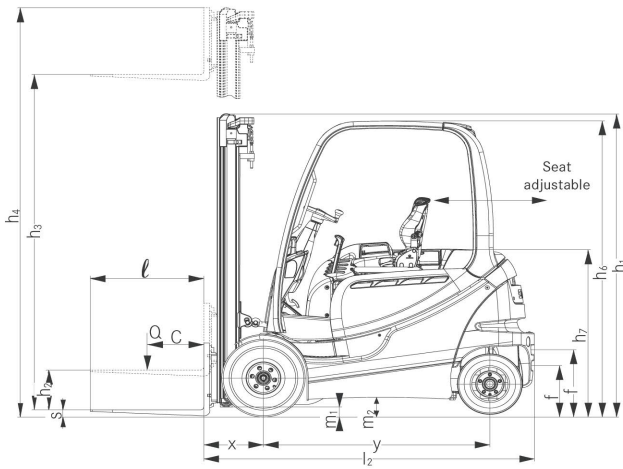
¹ The specified rated lift takes into consideration the tyre deflection and the tolerances of the tyre diameter

² Without cab. Different values with cab

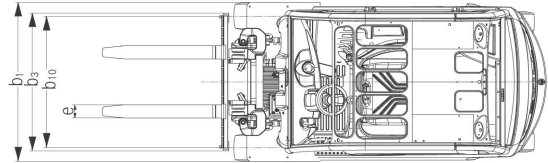
³ Fork overhang not included

⁴ For telescopic, NiHo and triplex mast

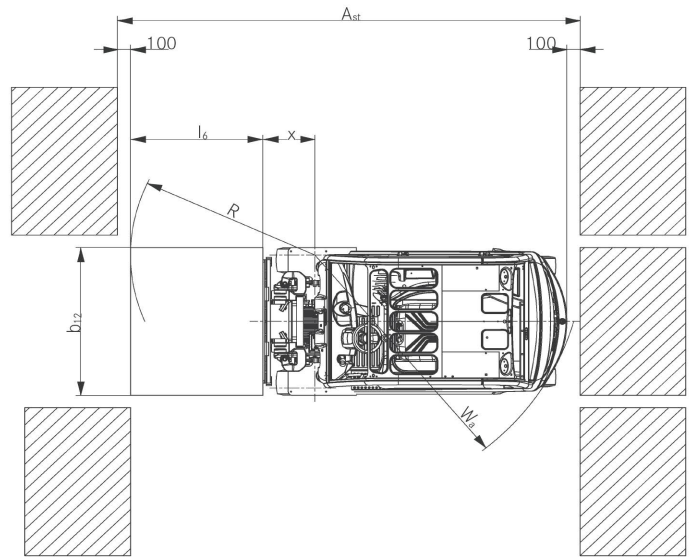
RX 60-25/35 Electric Forklift Truck
Technical Drawings



Side view



Top view



Top view

Gradients

Maximum distance that can be driven in 60 minutes.

Example: with a load of 2,500 kg and an incline of 10%, an RX 60-25 can drive a distance of 600 m up to ten times per hour.

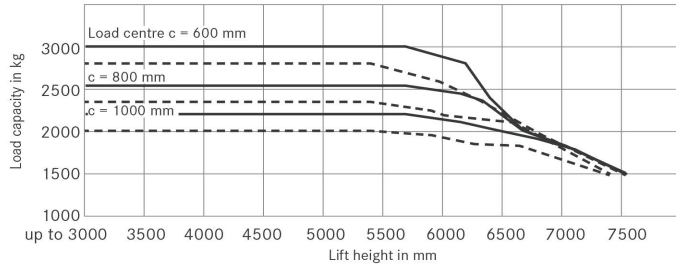
	Gradient	Maximum distance in m
With load 	20%	1400
	15%	2940
	10%	5450
	5%	8200
Without load 	25%	3020
	20%	5030
	15%	5990
	10%	7710
	5%	11690

Dry rough concrete = coefficient of friction 0.8
Battery: standard as per specification sheet



RX 60-25/35 Electric Forklift Truck
Basic Load Capacities

RX 60-30/600 triplex mast



— without side shifter

- - - with fitted side shifter



RX 60-25/35 Electric Forklift Truck
Mast Tables

				Triples mast		
RX 60-30	Nominal lift	h ₃	mm	4360-5040		
	Overall height	h ₁	mm	2100-2325		
	Free lift 4 rollers fork carriage	h ₂	mm	1440-1670		
	Free lift 6 rollers fork carriage	h ₂	mm	1320-1550		
	Maximum height 4 rollers fork carriage	h ₄	mm	5070-5740		
	Maximum height 6 rollers fork carriage	h ₄	mm	5190-5870		
	Adjustable fork spread		mm	267 / 673 / 876 / 1080 (fork carriage width 1300 mm/1600 mm) / 1384 (fork carriage width 1600 mm)		
	Overall length RX 60-30	l ₂	mm	2428		
	Overall length RX 60-30L	l ₂	mm	2518		
	Load spacing	x	mm	465		
	Tyres	front/rear		mm	250/60-12//180/70-8	
	Track	front/rear	b ₁₀ /b ₁₁	mm	950/900	
	Maximum width		b ₁	mm	1199	