RXE 10-16C Technical Data
Electric Forklift Truck

RXE 10

RXE 13

RXE 15

RXE 16C



Li-Ion
INSIDE

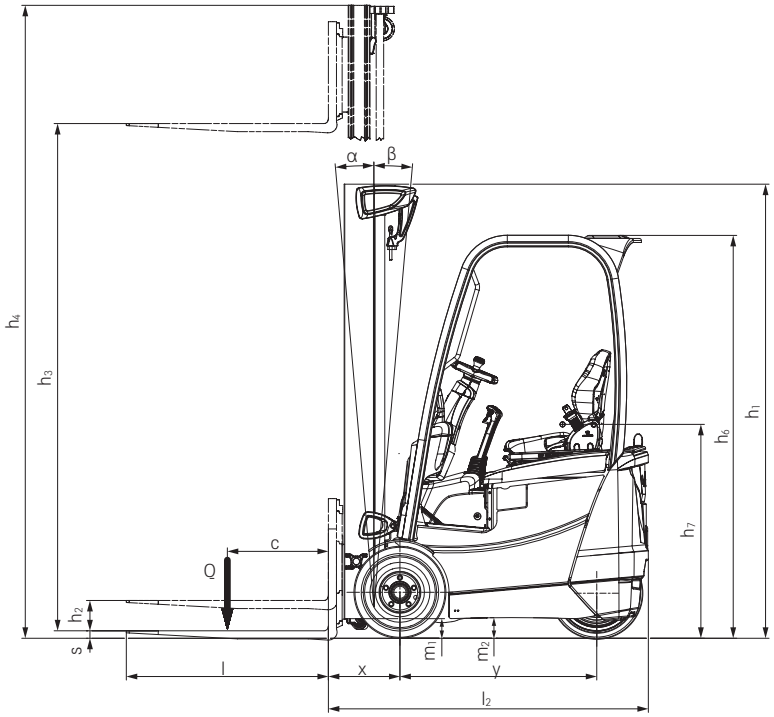
RXE 10-16C Electric Forklift Truck
Great in the smallest of spaces

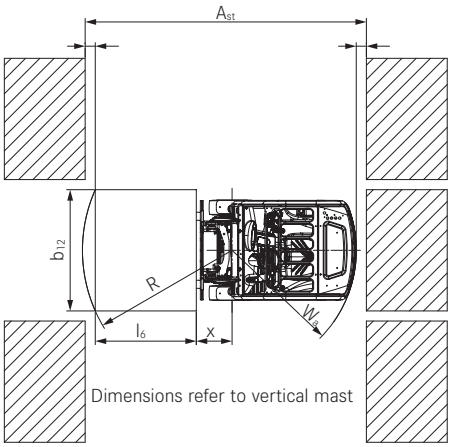
This specification sheet, which conforms to VDI guideline 2198, provides the technical values for the standard equipment only. Different tyres, other masts, the use of accessories, etc. may result in other values.



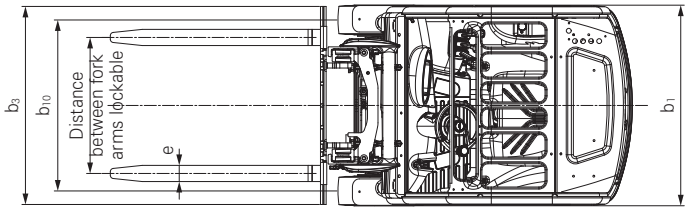
Features	1.1	Manufacturer				STILL	STILL	STILL	STILL
	1.2	Manufacturer's type designation				**RXE 10**	**RXE 13**	**RXE 15**	**RXE 16C**
	1.2.1	Manufacturer type number				5510	5513	5515	5516
	1.3	Drive				Electric	Electric	Electric	Electric
	1.4	Operation				Seated	Seated	Seated	Seated
	1.5	Capacity/load		Q	kg	1000	1300	1500	1600
	1.6	Load centre		c	mm	500	500	500	500
	1.8	Load distance		x	mm	355	355	355	355
	1.9	Wheel base		y	mm	974	1136	1190	1190
Weights	2.1	Service weight incl. battery			kg	2455	2717	2867	3022
	2.2	Axle load, laden	front/rear		kg	2953/502	3459/557	3803/563	3950/672
	2.3	Axle load, unladen	front/rear		kg	1075/1380	1181/1536	1226/1641	1200/1822
Wheels	3.1	Tyres				Superelastic	Superelastic	Superelastic	Superelastic
	3.2	Tyre size	front		mm	180/70-8	180/70-8	180/70-8	180/70-8
	3.2	Tyre size	rear		mm	180/60-10	180/60-10	180/60-10	180/60-10
	3.5	Number of wheels (x = driven)	front/rear			2/1x	2/1x	2/1x	2/1x
	3.6	Track width	front	b_{10}	mm	840	840	840	840
Basic dimensions	4.1	Tilt of mast	forward/backward		°	3/5	3/5	3/5	3/5
	4.2	Height of mast	mast retracted	h_1	mm	2155	2155	2155	2155
	4.3	Free lift		h_2	mm	150	150	150	150
	4.4	Lift		h_3	mm	3170	3170	3170	3170
	4.5	Height of mast	mast extended	h_4	mm	3732	3732	3732	3811
	4.7	Height over overhead guard (cabin)		h_6	mm	1980	2050	2050	2050
	4.8	Seat height rel. to SIP		h_7	mm	1045	1045	1045	1045
	4.19	Overall length		l_1	mm	2384	2546	2600	2635
	4.20	Length including fork backs		l_2	mm	1584	1746	1800	1835
	4.21	Overall width		b_1	mm	990	990	990	990
	4.22	Fork dimensions		s/e/l	mm	40/80/800	40/80/800	40/80/800	40/80/800
	4.23	Fork carriage ISO 2328, class				ISO II A	ISO II A	ISO II A	ISO II A
	4.24	Fork carriage width		b_3	mm	980	980	980	980
	4.31	Ground clearance below mast, laden		m_1	mm	84	84	84	84
	4.32	Ground clearance, centre of wheel base		m_2	mm	94	94	94	94
	4.34.1	Working aisle width with 1000 x 1200 pallet crossways		A_{st}	mm	2911	3073	3127	3162
	4.34.2	Working aisle width with 800 x 1200 pallet lengthways		A_{st}	mm	3035	3197	3251	3286
	4.35	Turning radius		W_a	mm	1229	1391	1445	1480
Performance data	5.1	Driving speed	laden/unladen		km/h	12.0/12.5	12.0/12.5	12.0/12.5	12.0/12.5
	5.2	Lifting speed	laden/unladen		m/s	0.42/0.52	0.36/0.52	0.33/0.52	0.32/0.52
	5.3	Lowering speed	laden/unladen		m/s	0.51/0.51	0.51/0.51	0.51/0.51	0.51/0.51
	5.5	Drawbar pull	laden/unladen		N	1911/2121	1947/2216	1729/2032	1676/2004
	5.6	Max. drawbar pull	laden/unladen		N	2399/6919	3529/7062	3498/7008	4329/7033
	5.7	Gradeability	laden/unladen		%	6.1/9.5	4.95/8.4	4.4/7.8	4/7.3
	5.8	Max. gradeability	laden/unladen		%	20.9/31	17.6/27.6	16/25.8	14.9/24.4
	5.9	Acceleration time 15 m	laden/unladen		s	6.9/6	7/6.2	7.7/6.3	7.7/6.6
	5.10	Service brake				Hydraulic	Hydraulic	Hydraulic	Hydraulic
Electric engine	6.1	Drive motor, output with S2-60 min			kW	4.9	4.9	4.9	4.9
	6.2	Lifting motor, output at S3 15% d.c.			kW	7.6	7.6	7.6	7.6
	6.3	Battery according to DIN 43531/35/36 A, B, C, no				DIN 43535 A	DIN 43535 A	DIN 43535 A	DIN 43535 A
	6.4	Battery voltage		U	V	24	24	24	24
	6.4.1	Battery capacity		K_5	Ah	500	875	1000	1000
	6.5	Battery weight			kg	372	600	676	676
	6.6	Energy consumption according to EN 16796			kWh/h	1.9	2.2	2.4	2.5
	6.7	Turnover output			t/h	62.6	80.1	90.7	99.4
	6.8	Fuel consumption at turnover output			kWh/h	3.61	4	4.2	4.39
Misc.	10.1	Operating pressure for attachments			bar	170	200	220	220
	10.2	Oil volume for attachments			l/min	23	20	18	18
	10.7	Sound pressure level L_{pAZ} (operator's position) [1]			dB(A)	60	60	60	60
	10.7.1	Human vibrations: acceleration in accordance with EN 13059			m/s²	0.54	0.54	0.54	0.54

[1] Without cab; different values with cab





RXE side view



RXE top view

Truck Widths

			Truck width b_1	Track front b_{10}
Tyres	Superelastic 180/70-8	mm	990	840
	Superelastic 180/70-8	mm	1028	872



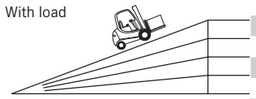
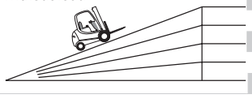
RXE 10 / RXE 13 / RXE 15				**Telescopic mast**								**HiLo mast**					**Triplex mast**						
	Nominal lift		h_3	mm	2770	2970	3170	3470	3870	4170	4670	5370	2950	3150	3350	3550	3950	4310	4610	4910	5210	5610	6060[4]	6810[5]
	Height		h_1	mm	1955	2055	2155	2305	2505	2655	2905	3255	1950	2050	2150	2250	2450	1950	2050	2150	2250	2450	2600[4]	2850[5]
	Free lift [1, 2]		h_2	mm	150	150	150	150	150	150	150	150	1406	1506	1606	1706	1906	1406	1506	1606	1706	1906	2056	2306
	Height, mast raised [1, 2]		h_4	mm	3332	3532	3732	4032	4432	4732	5232	5932	3508	3708	3908	4108	4508	4874	5174	5474	5774	6174	6624	7374
	Tilt angle	forward/backward	α/β	°	3/5								3/5					3/5						
	Fork lock-in position centre-centre			mm	216/368/445/521/673/760																			
	Tyres	front/rear			180/70-8 / 180/60-10								180/70-8 / 180/60-10					180/70-8 / 180/60-10						
	Track	front/rear	b_{10}/b_{11}	mm	840/0								840/0					840/0						
	Maximum width		b_1	mm	990								990					990						

RXE 16C				**Telescopic mast**								**HiLo mast**					**Triplex mast**						
	Nominal lift		h_3	mm	2770	2970	3170	3470	3870	4170	4670	5370	2950	3150	3350	3550	3950	4310	4610	4910	5210	5610	6060	6810
	Height		h_1	mm	1955	2055	2155	2305	2505	2655	2905	3255	1950	2050	2150	2250	2450	1950	2050	2150	2250	2450	2600	2850
	Free lift [1, 2]		h_2	mm	150	150	150	150	150	150	150	150	1352	1452	1552	1652	1852	1352	1452	1552	1652	1852	2002	2252
	Height, mast raised [1, 2]		h_4	mm	3411	3611	3811	4111	4511	4811	5311	6011	3562	3762	3962	4162	4562	4928	5228	5528	5828	6228	6678	7428
	Tilt angle	forward/backward	α/β	°	3/5								3/5					3/5						
	Fork lock-in position centre-centre			mm	216/368/445/521/673/760																			
	Tyres	front/rear			180/70-8 / 180/60-10								180/70-8 / 180/60-10					180/70-8 / 180/60-10						
	Track [3]	front/rear	b_{10}/b_{11}	mm	840/0								840/0					840/0						
	Maximum width		b_1	mm	990								990					990						

[1] Fork carriage ISO II A standard
[2] Deviations depending on 4/6-roll fork carriages
[3] Wider track available for higher basic load capacity, track 872 with truck width b_1 = 1028 mm
[4] Only for RXE 13 and RXE 15
[5] Only for RXE 15

Gradients

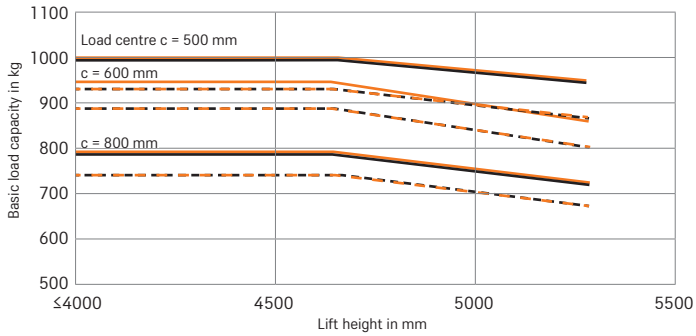
Maximum distance that can be driven in 60 minutes at an ambient temperature of 20 °C
if the truck's power supply is maintained.

Standard Performance	**Gradient**	**Maximum distance in m**			
		RXE 10	**RXE 13**	**RXE 15**	**RXE 16C**
With load 	17 %	454	259	-	-
	15 %	573	475	397	321
	10 %	1620	983	740	523
	5 %	6614	4103	3354	2672
Without load 	25 %	475	354	338	321
	20 %	675	586	492	420
	15 %	1620	983	847	720
	10 %	4146	2915	2598	2295
	5 %	10528	9.718	9313	8908

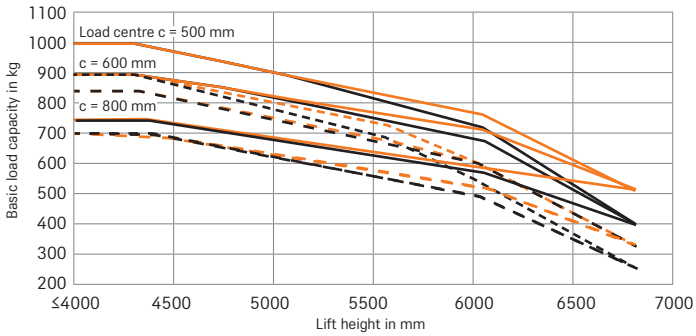
Ambient and forklift temperature T = 20 °C
Dry rough concrete roadway, coefficient of friction μ = 0.8
Variable speed
Energy supply must be maintained permanently

RXE 10-16C Electric Forklift Truck
Basic Load Capacities

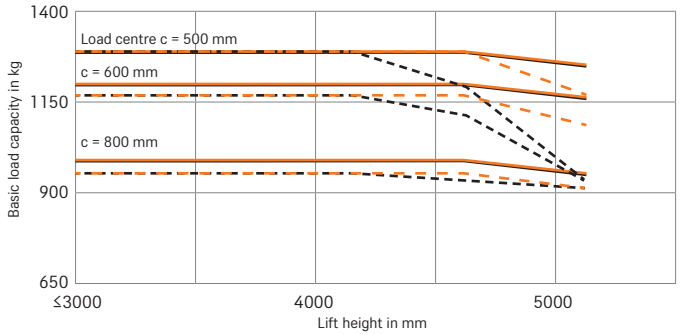
RXE 10 Telescopic mast – superelastic single tyres 180/70-8, Truck width 990 mm + 1028 mm



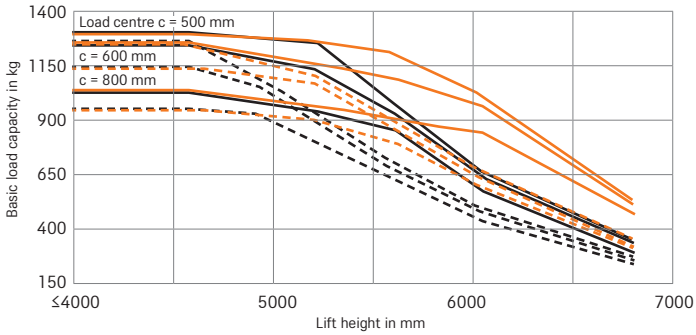
RXE 10 Triplex mast – superelastic single tyres 180/70-8, Truck width 990 mm + 1028 mm



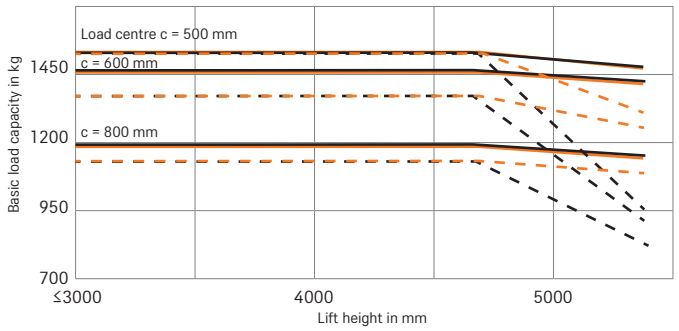
RXE 13 Telescopic mast – superelastic single tyres 180/70-8, Truck width 990 mm + 1028 mm



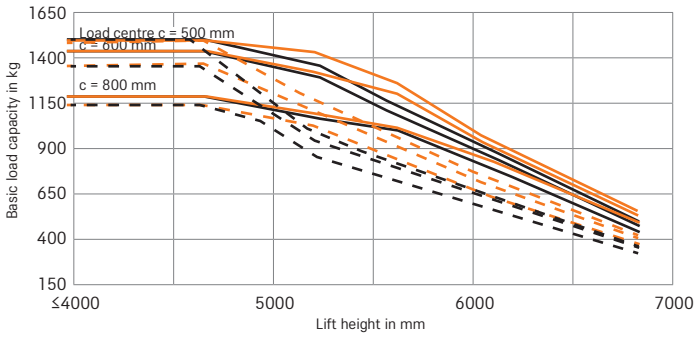
RXE 13 Triplex mast – superelastic single tyres 180/70-8, Truck width 990 mm + 1028 mm



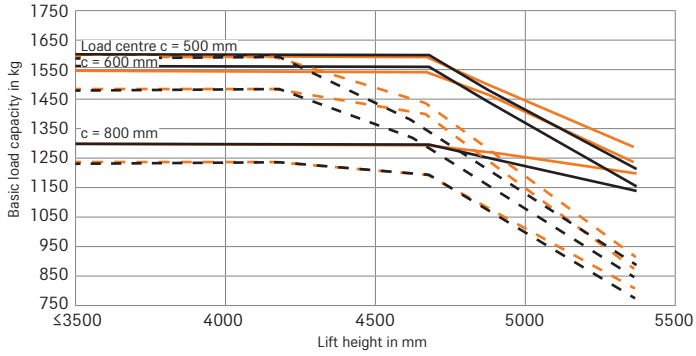
RXE 15 Telescopic mast – superelastic single tyres 180/70-8, Truck width 990 mm + 1028 mm



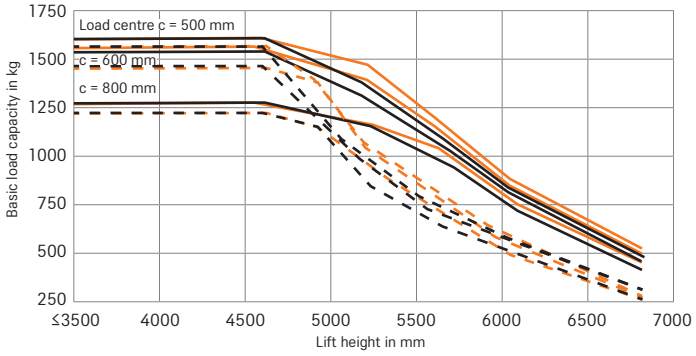
RXE 15 Triplex mast – superelastic single tyres 180/70-8, Truck width 990 mm + 1028 mm



RXE 16C Telescopic mast – superelastic single tyres 180/70-8, Truck width 990 mm + 1028 mm



RXE 16C Triplex mast – superelastic single tyres 180/70-8, Truck width 990 mm + 1028 mm



990 mm + LC 500
990 mm + LC 600
990 mm + LC 800
990 mm + LC 500
990 mm + LC 600
990 mm + LC 800
1028 mm + LC 500
1028 mm + LC 600
1028 mm + LC 800
1028 mm + LC 500
1028 mm + LC 600
1028 mm + LC 800

With standard forks
With integrated side shifter and standard forks

The listed values may vary depending on the truck's features.



Perfection in confined spaces: compact truck dimensions and extremely high manoeuvrability allow for working in narrow aisles



Everything safely in view: the slim mast allows operators to have the best possible view of the forks and goods



Compact on the outside, comfortable on the inside: ergonomic and clearly laid out driver's workspace ensuring a pleasant working environment



Optimal all-round visibility thanks to slim mast and visibility-optimised protected roof bars



Both battery and drive are easily accessible – for maximum availability and convenient maintenance



To provide an ergonomic workplace and comfortable access, the RXE has a spacious footwell despite its compact dimensions


STILL
STILL
RXE 16C
Li-Ion

Simply easy

- Familiar, intuitive handling thanks to the uniform operating concept across the RX electric forklift truck family
- Relevant information and performance functions clearly available in the STILL Easy Control on-board computer
- Perfection in confined spaces: compact truck dimensions and extremely high manoeuvrability allow for working in narrow aisles
- Always available thanks to the lateral quick-charge access for optional lithium-ion batteries

Simply powerful

- Powerful and reliable thanks to maintenance-free rotary current drive in 24 V technology
- Impressive productivity thanks to a lifting capacity of up to 1.6 tonnes with a load centre of 500 mm
- Effective material handling thanks to a maximum driving speed of 12 km/h when laden
- Supports the driver with smart assistance functions
- Ready at all times thanks to the optional lithium-ion technology

Simply safe

- Safe and precise handling: high-precision hydraulics and agile driving dynamics
- Optimal all-round visibility thanks to slim mast and visibility-optimised protected roof bars
- Systematic safety thanks to the (optional) daily pre-shift check in the display
- Maximum safety at work thanks to individually configurable equipment options – from indicators to Safety Light 4Plus safety lighting and curve speed control
- Safe load handling thanks to numerous assistance functions such as lift height display and overload detection

Simply flexible

- Individual control options for optimal driver comfort: multi-lever, mini-lever, Fingertip or Joystick 4Plus
- Perfect for any application thanks to a flexible portfolio with a wide range of equipment options
- Flexible use in forklift truck fleets thanks to the uniform operating concept across the RX series: drivers can switch between RXE 10-16C, RX 20 and RX 60 easily and without training time

Simply connected

- Intelligently connected for maximum transparency, vehicle safety and cost-efficiency. The Smart Portal brings together all relevant fleet information in a clear and concise format – from operator management and impact detection to access protection
- Controlled use and protection against incorrect operation thanks to optional access control



RXE 10-16C Electric Forklift Truck
Great in the smallest of spaces

Sensationally slim dimensions of just under 2 metres high and 1 metre wide

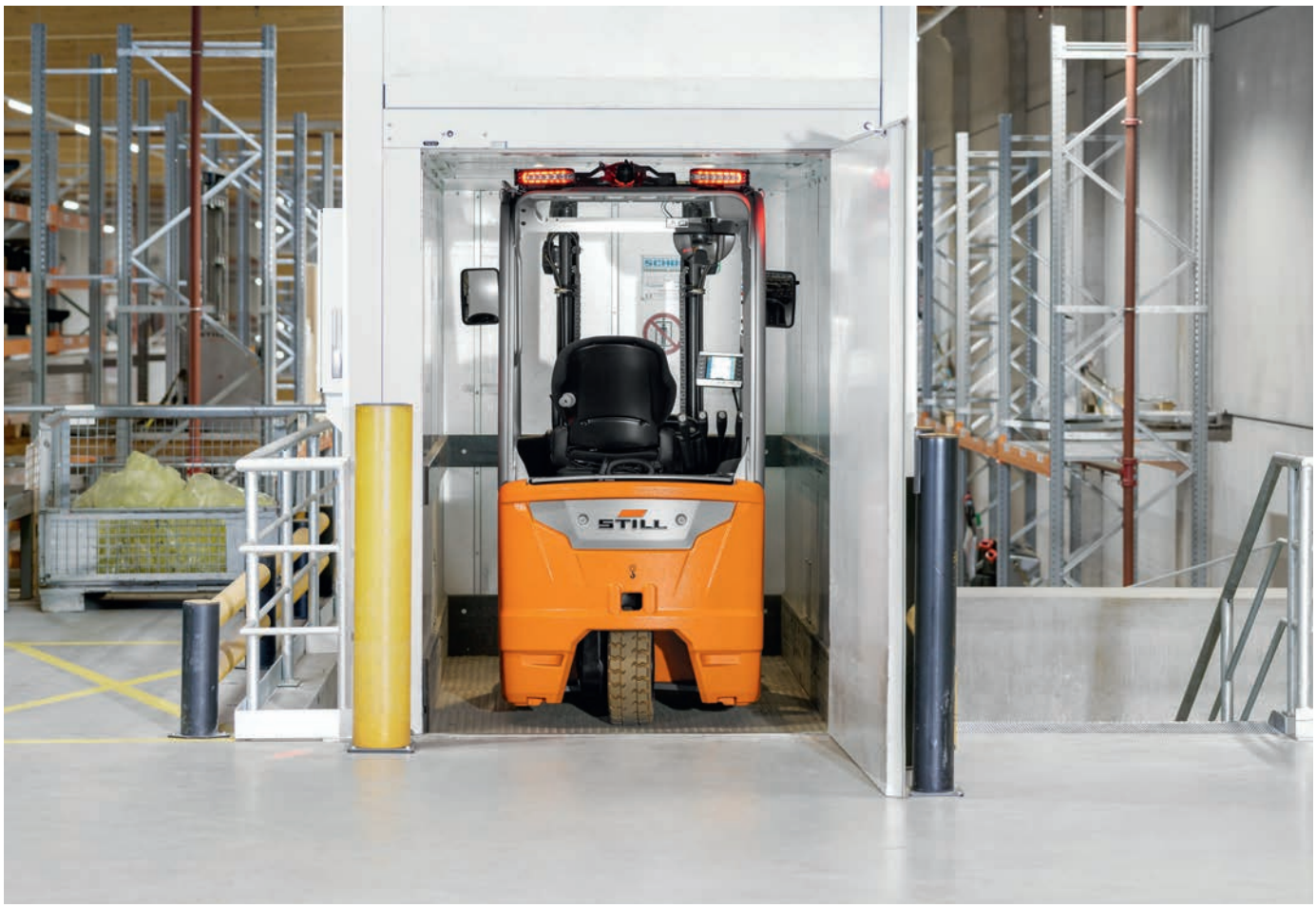
Safe storage and retrieval at maximum height thanks to the extra stable mast design, low centre of gravity and modern assistance systems

Drive as if you were on rails, even with dynamic cornering, thanks to curve speed control

Innovative operating concept of the RX electric forklift family and smart STILL Easy Control on-board computer



Turn it any way you want, the RXE 10-16C simply fits. Always. The youngest and smallest member of the electrifying STILL electric forklift truck family is one of the greatest in terms of performance: compact as it is, it shines with a perfect balance of driving comfort, manoeuvrability and safety – even when things get really tight. Be it in HGVs, containers or narrow aisles, the RXE 10-16C is incomparably efficient and agile in the smallest of spaces thanks to its compact dimensions and sensitive steering. And that is precisely why it is so versatile. Whether it is in the food industry, at logistics service providers, in production supply or in joint warehouses of large retailers, the compact three-wheel counterbalanced forklift truck inspires as an efficient helper for loading and unloading HGVs or containers as well as for transporting pallets in the warehouse. With a top speed of 12.5 km/h, it gets a lot done very quickly. And to ensure that not a single moment of its electrifying dynamics is lost for safety reasons, it is equipped with the proven Curve Speed Control as standard. This keeps you safely on track at all times – even in the tightest of curves. So when it comes to moving 1.0 to 1.6 tonnes in a space-saving way, the RXE 10-16C is the perfect choice! With its wide range of equipment options and assistance systems, it is also an attractive upgrade from the high lift stackers, with increased comfort and added safety. All this makes it the perfect successor to the legendary STILL RX 50, one of the best-selling electric forklift trucks in its class ever. Proof that the RXE 10-16C fits the bill. Always.



RXE 10-16C Electric Forklift Truck
Equipment Variants



		RXE 10	RXE 13	RXE 15	RXE 16C
Operator's cab	Standard protective roof (without window)	●	●	●	●
	Overhead guard height 1980 mm for low passages	●	○	○	○
	Overhead guard height 2050 mm for container loading	—	●	●	●
	Weather protection or tarpaulin cab	—	○	○	○
	Tinted front windscreen, roof windows made of either green-tinted or Makrolon laminated safety glass, plus windscreen wiper/ washer system	○	○	○	○
	Drive-in overhead guard	—	○	○	○
	One-pedal control, switching the direction of travel using the hydraulic control	●	●	●	●
	Dual-pedal control	○	○	○	○
	Built-in storage for mobile phone and cup holder	●	●	●	●
	12 V power connection and 5 V USB connection	○	○	○	○
	Writing pad with clipboard, illuminated (removable)	○	○	○	○
	MSG 65 Grammer seat with leatherette cover	●	●	●	●
	MSG 65 Grammer Exclusiv PLUS with leatherette cover; extra-wide seat cushion, high suspension travel, lumbar support, height-adjustable back extension and heated seat	○	○	○	○
	Document pocket on the seat back	○	○	○	○
	Horizontal spring plate for driver's seat to minimise human vibrations	○	○	○	○
	Grab handle on front of protected roof	●	●	●	●
	STILL Easy Control splash-proof colour display with intuitive menu navigation	●	●	●	●
	Storage box above the counterweight	—	—	○	○
Mast	Load backrest	○	○	○	○
	Mast vertical position	○	○	○	○
	Mast with 'Silent Mast' reach damping system and end cushioning with mechanical or electrical fork wear protection	○	○	○	○
	Sensor-based display of lift height and indication in STILL Easy Control display	○	○	○	○
	Display showing tilt angle and cushioned lowering in the tilt end positions	○	○	○	○
	Load measurement and overload detection with suppression of the lifting function	○	○	○	○
Hydraulics	Proportional valve technology for especially sensitive movements	○	○	○	○
	Multi-lever operation	●	●	●	●
	Armrest with mini levers (2, 3 or 4 levers), Fingertip or Joystick 4Plus	○	○	○	○
	Food variant with special hydraulic oil	○	○	○	○
	Cold store variant with special low-temperature oil	○	○	○	○
Drive	Low operating costs due to low energy consumption	●	●	●	●
	Blue-Q energy-saving mode	●	●	●	●
	Display showing energy consumption and remaining driving time based on current charge	●	●	●	●
	Maintenance-free drives for driving, steering and lifting	●	●	●	●
	Enclosed components to protect against dust and damp	●	●	●	●
	Operating hours counter only operational with drive and lifting motor	●	●	●	●
	Lithium-ion battery with quick-charge access from the side	○	○	○	○
Brake	Energy recovery when braking	●	●	●	●
	Mechanical parking brake	●	●	●	●
Safety	EasyBelt restraint system for quick and safe fastening and unfastening	○	○	○	○
	Headlights and lighting in LED design	○	○	○	○
	LED floodlights on the mast	○	○	○	○
	Driver-adjusted speed limiter	○	○	○	○
	STILL Safety Light 4Plus warning device	○	○	○	○
	Safety zone light: warning light bars to the left, right and rear of the truck	○	○	○	○
	Curve Speed Control	●	●	●	●
	Speed limited when fork carriage is raised	○	○	○	○
	Panoramic mirror	○	○	○	○
	Direction can be changed both left- and right-handed via mini console	○	○	○	○
	Smart Portal: access authorisation, shock detection, reports	○	○	○	○
	Pre-shift check in the display for a guided safety check before the truck can be operated	○	○	○	○
	Intelligent seat belt control	●	●	●	●
	Dynamic Load Control 1 and 2 stability assistants for safe load handling	○	○	○	○
	Pre-configured for use on public roads	○	○	○	○

● Standard ○ Option — Not available

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STILL is certified in the following areas: Quality management, occupational safety, environmental protection and energy management.

RXE 10-16C EN 07/26 Subject to technical modifications.