

Standard and Optional Equipment

Standard Equipment

- Three-wheel version
- Overall width (load legs) 1,250 mm
- Two central Linde load control levers
- Linde twin drive pedals
- Comprehensive integrated instrument display including steering indicators
- Polyurethane drive and load wheel tyres
- All wheel braking
- Linde Digital Control (Traction & lifting)
- Electric steering
- Zero-maintenance 6 kW traction motor
- Zero-maintenance 14 kW lifting motor
- Powerful 48 V battery, 420 Ah capacity
- Clear view standard mast 3650 mm lift height
- Fork length 1150 mm
- Fork carriage width 880 mm
- 1010 mm height load backrest
- Automatic charger
- Adjustable PVC seat, adapts to operator's body size and weight

Optional Equipment

- Various masts for different lift heights available
- Single drive pedal and armrest-integrated direction selector with left foot lock
- Integral sideshifter
- Alternative fork lengths
- Fork extensions
- Audible warning for forks leading / forks trailing / forks leading & trailing
- 360° steering (in conjunction with single drive pedal)
- Work lamps and/or beacon lamp
- Auxiliary hydraulic circuit
- Polycarbonate roof screen
- Overhead guard designed for drive-in racking
- Battery roll out (side battery charge)
- Battery roller stand
- Alternative color schemes

Other Options Available on Request



R10 CS, R12 CS, R14 CS
Electric Sit-on Reach Truck
1000, 1200, 1400 kg

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Safety

The Linde Active 'C' range offers compact manoeuvrability in narrow aisle storage and retrieval applications. The ergonomic operator's compartment provides a comfortable and safe working environment for consistently high levels of efficiency and productivity.

Performance

The Linde Active drive concept employing advanced Linde control technology translates the powerful output of the AC motors into seamless productivity. A comprehensive selection of batteries ensures that each truck is precisely matched to the demands of individual applications.

Comfort

A perfect interface between operator and truck has been achieved with the Linde ergonomic design concept, including spacious cab, comfort seat and intuitive layout of all controls. The operator's working environment ensures optimum performance.

Reliability

The Linde Active range is constructed for heavy, sustained duty. The rugged construction and components provide a low centre of gravity for excellent stability and high residual capacities.

Service

Efficiency at work, efficiency in servicing. Maintenance intervals as long as 1,000 hours and a computer-controlled diagnostic system cuts costs and provides for optimum uptime. All the truck's performance parameters can easily be configured to match the requirements of the customer's application.

Features

Superb working environment

- Linde Load Control: Precise, effortless fingertip control of all mast movements
- Ergonomic seat fully adjustable to the operator's personal preferences
- Adjustable steering console

Stability

- Chassis designed and built for maximum strength and durability
- Heavy-duty construction materials and components provide low centre of gravity for stability and high residual capacities



Batteries

- Optimum size battery for every application: 420Ah to 560Ah depending on truck model
- Quick and easy battery change



Linde twin drive pedals

- Fast change of forward-reverse direction without shifting feet on pedals; short pedals stroke
- Reduced operator fatigue and increased productivity



Precision

- Accurate control of driving with Linde twin drive pedals
- Precision load handling with Linde Load Control levers
- Responsive progressive and adjustable electric steering with essential 'road feel'
- Digital instrument display for instant readout of truck status



Servicing

- Maintenance-free AC traction and lift motors
- Configurable Linde Digital Control System, incorporated diagnostic technology
- Easy service access
- Up to 1000 operating hours between services

Subject to modification in the interests of progress. Illustration and technical details not binding for actual constructions and may show the optional equipments.

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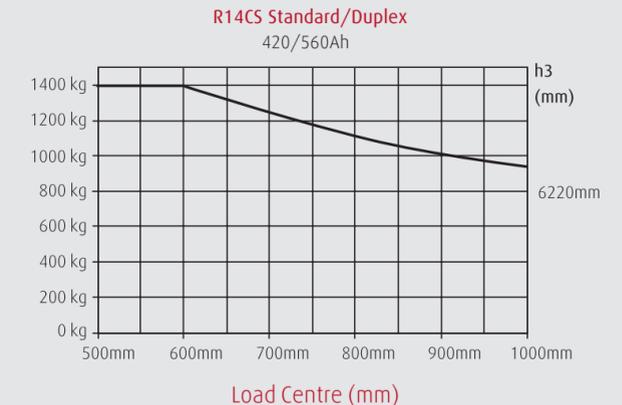
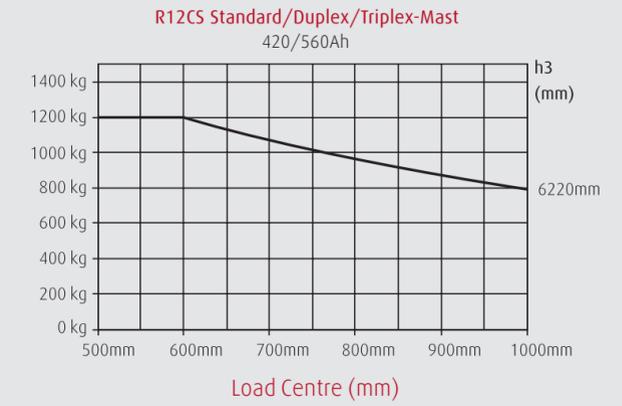
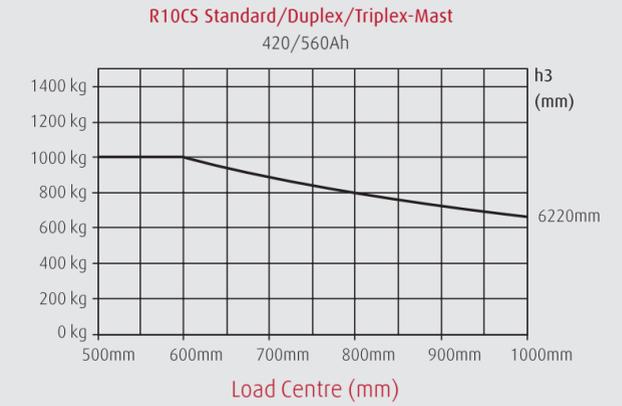
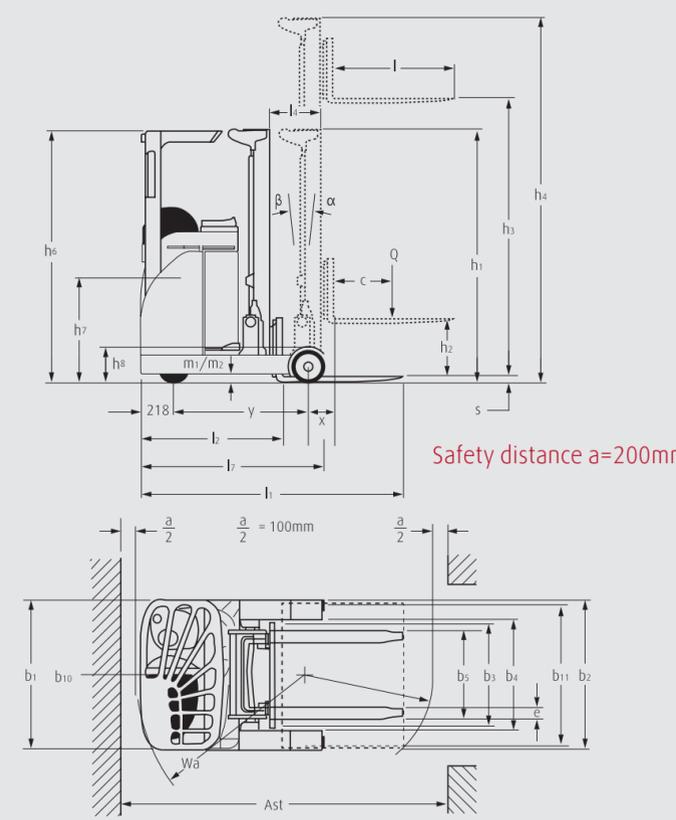


Technical Data

	Characteristics		Linde		Linde	
			R10CS Active	R12CS Active	R14CS Active	
1.1	Manufacturer		Linde	Linde	Linde	
1.2	Model designation		R10CS Active	R12CS Active	R14CS Active	
1.3	Power unit: battery, diesel, petrol, LPG gas		Battery	Battery	Battery	
1.4	Operation		Seated	Seated	Seated	
1.5	Load capacity	Q(kg)	1000 ¹⁾	1200 ¹⁾	1400 ¹⁾	
1.6	Load centre	c(mm)	600	600	600	
1.8	Axle centre to fork face	x(mm)	181	181	181	
1.9	Wheelbase	y(mm)	1165	1165	1275	
2.1	Service weight	kg	2630	2660	2800	
2.3	Axle load without load, front (drive)/rear (load)	kg	1330 / 1300 ⁶⁾	1360 / 1300 ⁶⁾	1060 / 1740 ⁶⁾	
2.4	Axle load, fork outreached with load, front (drive)/rear (load)	kg	590 / 3040 ⁶⁾	470 / 3390 ⁶⁾	520 / 3680 ⁶⁾	
2.5	Axle load, fork retracted with load, front (drive)/rear (load)	kg	1140 / 2490 ⁶⁾	1170 / 2690 ⁶⁾	1485 / 2715 ⁶⁾	
3.1	Tyres, front (drive)/rear (load) C = cushion rubber, P = polyurethane		PU/PU	PU/PU	PU/PU	
3.2	Tyre size, front (drive) wheel	mm	Ø343x135	Ø343x135	Ø343x135	
3.3	Tyre size, rear (load) wheel	mm	Ø285x100	Ø285x100	Ø285x100	
3.5	Wheels, number front (drive)/rear (load) (x = driven)		1x/2	1x/2	1x/2	
3.6	Track width, front (drive)	mm	0	0	0	
3.7	Track width, rear (load)	mm	1150	1150	1150	
4.1	Mast/fork carriage tilt, forward/backward		2.0/2.0	2.0/2.0	2.0/2.0	
4.2	Height of mast, lowered	h ₁ (mm)	2415	2415	2415	
4.3	Free lift	h ₂ (mm)	150	150	150	
4.4	Lift	h ₃ (mm)	3650 ²⁾	3650 ²⁾	3650 ²⁾	
4.5	Height of mast, extended	h ₄ (mm)	4273	4273	4273	
4.7	Height of overhead guard (cabin)	h ₆ (mm)	2110	2110	2110	
4.8	Height of seat, minimum/maximum	h ₇ (mm)	940 / 1030	940 / 1030	940 / 1030	
4.10	Height of reach legs	h ₈ (mm)	310	310	310	
4.19	Overall length	l ₁ (mm)	2307	2307	2307	
4.20	Length to fork face	l ₂ (mm)	1157 ³⁾	1157 ³⁾	1157 ³⁾	
4.21	Overall width	b ₁ /b ₂	1234 / 1250	1234 / 1250	1234 / 1250	
4.22	Fork dimensions	s/e/l(mm)	40x80x1150	40x80x1150	45x100x1150	
4.23	Fork carriage to DIN 15173, class/form A, B		2A	2A	2A	
4.24	Width of fork carriage	b ₃ (mm)	880	880	880	
4.25	Fork spread, minimum/maximum	b ₅ (mm)	296/753 ⁴⁾	296/753 ⁴⁾	296/753 ⁴⁾	
4.26	Width between reach legs	b ₄ (mm)	922	922	922	
4.28	Reach travel	l _a (mm)	407	407	517	
4.31	Ground clearance, mast	m ₁ (mm)	105	105	105	
4.32	Ground clearance, centre of wheelbase	m ₂ (mm)	75	75	75	
4.33	Aisle width with pallet 1000 x 1200 across forks	Ast(mm)	2614	2614	2633	
4.34	Aisle width with pallet 800 x 1200 along forks	Ast(mm)	2688	2688	2690	
4.35	Turning radius	Wa(mm)	1435	1435	1538	
4.37	Length of chassis	l ₇ (mm)	1526	1526	1636	
5.1	Travel speed, with/without load	km/h	13.5/13.5 ⁵⁾⁶⁾	13.5/13.5 ⁵⁾⁶⁾	13.5/13.5 ⁵⁾⁶⁾	
5.2	Lifting speed, with/without load	m/s	0.48/0.65 ⁶⁾	0.44/0.65 ⁶⁾	0.4/0.65 ⁶⁾	
5.3	Lowering speed, with/without load	m/s	0.5/0.45 ⁶⁾	0.5/0.45 ⁶⁾	0.5/0.45 ⁶⁾	
5.4	Reach speed, with/without load	m/s	0.15/0.15 ⁶⁾	0.15/0.15 ⁶⁾	0.15/0.15 ⁶⁾	
5.7	Climbing ability, with/without load, 30 minute rating	%	4.5/8.2	4.5/8.2	4.5/8.2	
5.8	Maximum climbing ability, with/without load, 5 minute rating	%	10.0/10.0	10.0/10.0	10.0/10.0	
5.9	Acceleration time, with/without load	s	5.5/4.8 ⁵⁾	5.5/4.8 ⁵⁾	5.5/4.8 ⁵⁾	
5.10	Service brake			Hydraulic/Electric		
6.1	Drive motor, 60 minute rating	kw	6.5	6.5	6.5	
6.2	Lift motor, 15% rating	kw	14	14	14	
6.3	Battery according to IEC		43 531 / C	43 531 / C	43 531 / C	
6.4	Battery voltage/rated capacity (5 h)	V/Ah	48/420 ⁷⁾	48/420 ⁷⁾	48/420 ⁷⁾	
6.5	Battery weight (±5%)	kg	721	721	721	
8.1	Type of drive control			Electronic/stepless		
8.2	Working pressure for attachments	bar	160	160	160	
8.3	Oil flow for attachments	l/min	6.5	6.5	6.5	
8.4	Noise level at operator's ear	dB(A)	64.0 ⁸⁾	64.0(69.0) ⁸⁾	64.0(69.0) ⁸⁾	

Figures for standard version may vary when options equipment is fitted
 1) Load capacity maybe reduce when lift height increase.
 2) For all other heights, see table at the right.
 3) + 34 mm with optional integrated sideshift.
 4) Maximum fork spread is reduced to 690mm with optional integrated sideshift.
 5) Reduced speed and acceleration on request.
 6) Traction, lift, lower and reach speeds and weights may vary with alternative lift heights.
 7) Alternative batteries may alter l1, Ast and service weight.
 8) Figure shown is without cab; 69dB(A) when cab fitted

Lifting Capacity Diagram — Standard, Duplex and Triplex Mast with Standard Fork Carriage



Mast Datasheet (in mm)

Standard mast - R10 CS/R12 CS/R14 CS					
Lift	h3	3650	4250	4850	5650
Height of mast; lowered	h1	2415	2715	3015	3415
Height of mast; extended	h4	4273	4873	5473	6273
Free lift	h2	150	150	150	150
Duplex mast - R10 CS/R12 CS/R14 CS					
Lift	h3	3770	4170	-	-
Height of mast; lowered	h1	2440	2640	-	-
Height of mast; extended	h4	4393	4793	-	-
Free lift	h2	1818	2018	-	-
Duplex mast - R10 CS/R12 CS					
Lift	h3	4770	5470	5920	6220
Height of mast; lowered	h1	2190	2490	2640	2740
Height of mast; extended	h4	5393	6093	6543	6843
Free lift	h2	1568	1868	2018	2118

With STD 1010mm high load backrest, the mast max height will increase 430mm(STD fork carriage) or 535mm (Integrated side shift)
 Lift height = h3 + s + 15 mm