

Standard and optional equipment

Standard equipment

General

Three-wheel configuration
 Overall width (reach legs) 1250 mm
 Linde Load Control for lift/lower, reach, tilt and sideshift
 Linde twin accelerator pedals
 Full suspension fabric seat with electric lumbar support
 Comprehensive digital instrument display
 6.5 kW maintenance-free AC drive motor
 14 kW maintenance-free AC lift motor
 Polyurethane drive and load wheel tyres
 Self-adjusting service wheel brakes
 Linde proportional 180° electric steering
 Clearview triplex mast lift 4655 mm
 Tilting carriage and integral sideshift
 Fork length 1150 mm
 Standard colour scheme vermilion and charcoal grey

Batteries and chargers

48 V, 600 Ah & 700 Ah
 Wide selection of chargers available to suit application

Electronics

Linde Digital Control system (LDC) incorporating
 CAN bus technology

Safety

Monitoring system stops truck in the event of
 traction, steering or lift failure
 Three independent braking systems
 All-wheel braking
 Emergency isolator
 Seat-actuated traction interlock
 Electric horn
 Automatic slowdown at end of reach travel
 Protective polycarbonate screen between control console
 and mast
 Battery locking interlock
 Electrical and hydraulic overload protection
 Overhead guard

Mast

Torsion-resistant fixed standard clearview mast
 Tilting fork carriage
 Integral sideshift
 High residual capacities

Optional equipment

Standard mast lifts to 4550 mm
 Duplex mast lifts to 3665 mm
 Triplex mast lifts to 7905 mm
 Single accelerator pedal, automotive layout with left
 foot interlock
 Alternative fork lengths
 Fork extensions
 Load backrest
 Single axis joysticks for all hydraulic functions
 Audible traction alarm
 360° steering (single accelerator pedal only)
 Seat heater
 PVC seat material

Seat back extension
 Variable electronic drive unit brake
 PIN access
 LFM
 Seat interlock alarm
 Working lamps/beacons
 Additional hydraulics
 Mesh or polycarbonate protection on overhead guard
 Profiled overhead guard for drive-in racking
 Side guidance wheels
 Battery on rollers
 Battery roller stand
 Alternative colour schemes

Other options available on request



Electric Reach Trucks
 Capacity 2500 kg
 R 25 S *Active* SERIES 115-03

Linde Material Handling



Safety

The R 25 S Active has been designed to handle heavy loads in intensive narrow aisle warehouse applications that require rugged durability and high performance, combined with superb operator comfort and safety for maximum efficiency.

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-class seat with lumbar support and intuitive layout of all controls. The operator's working environment ensures optimum performance.

Features

Superb working environment

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

Manoeuvrability

→ A short wheelbase, compact chassis dimensions and smooth electric power steering ensure easy and efficient manoeuvring



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

Linde clearview mast

→ Torsion-resistant fixed clearview mast

Linde twin accelerator pedals

→ Effortless forward/reverse selection places minimal demands on operator
 → Operator is able to maintain high efficiency and productivity levels



Precision

→ Assured manoeuvring with Linde twin accelerator pedals
 → Precision load handling with Linde Load Control
 → Responsive, progressive and adjustable electric steering with essential 'road feel'
 → Digital instrument display for instant read out of truck status
 → Excellent visibility of load and surrounding environment



Batteries

→ Capacities to suit heavy-duty applications: 600 Ah & 700 Ah
 → Quick and easy battery change



Servicing

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

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Technical data

Characteristics	1.1	Manufacturer	LINDE		
	1.2	Model designation	R25 Active		
	1.3	Power unit: battery, diesel, petrol, LP gas, mains power	Battery		
	1.4	Operation: manual, pedestrian, stand-on, seated, order picker	Seated		
	1.5	Load capacity	Q (kg)	2500 ³⁾	
Weights	1.6	Load centre	c (mm)	600/500	
	1.8	Axle centre to fork face	x (mm)	209	
	1.9	Wheelbase	y (mm)	1520	
	2.1	Service weight	kg	4220 ³⁾	
	2.3	Axle load without load, front (drive)/rear (load)	kg	2370/1850 ³⁾	
	2.4	Axle load, fork outreached with load, front (drive)/rear (load)	kg	620/6100 ³⁾	
	2.5	Axle load, fork retracted with load, front (drive)/rear (load)	kg	1630/5090 ³⁾	
	3.1	Tyres, front (drive)/rear (load) C = cushion rubber, P = polyurethane		P/P	
	3.2	Tyre size, front (drive)	mm	Ø 343 x 135	
	3.3	Tyre size, rear (load)	mm	Ø 350 x 100	
Wheels and tyres	3.5	Wheels, number front (drive)/rear (load) (x = driven)		1x/2	
	3.6	Track width, front (drive)	b10 mm	0	
	3.7	Track width, rear (load)	b11 mm	1150	
	Dimensions	4.1	Mast/fork carriage tilt, forward/backward	α/β (°)	2/4
		4.2	Height of mast, lowered	h1 (mm)	2254
		4.3	Free lift	h2 (mm)	150
		4.4	Lift	h3 (mm)	3050 ³⁾
		4.5	Height of mast, extended	h4 (mm)	3707
		4.7	Height of overhead guard (cab)	h6 (mm)	2110
		4.8	Height of seat, minimum/maximum	h7 (mm)	940/1030
		4.10	Height of reach legs	h8 (mm)	373
		4.19	Overall length	l1 (mm)	2679
		4.20	Length to fork face	l2 (mm)	1529
		4.21	Overall width	b1/b2 (mm)	1235/1250
		4.22	Fork dimensions	s/e/l (mm)	50 x 120 x 1150
		4.23	Fork carriage to DIN 15173, class/form A, B		2A
		4.24	Width of fork carriage	b3 (mm)	820
4.25		Fork spread, minimum/maximum	b5 (mm)	335/715	
4.26		Width between reach legs	b4 (mm)	922	
4.28		Reach travel	l4 (mm)	444	
4.31	Ground clearance, mast	m1 (mm)	150		
4.32	Ground clearance, centre of wheelbase	m2 (mm)	75		
4.33	Aisle width, pallet 1000 x 1200 across forks	Ast (mm)	2967		
4.34	Aisle width, pallet 800 x 1200 along forks	Ast (mm)	3044		
4.35	Turning radius	Wa (mm)	1775		
4.37	Length of chassis	l7 (mm)	1911		
Performance	5.1	Travel speed, with/without load	km/h	13.5/13.5 ^{3) 4)}	
	5.2	Lifting speed, with/without load	m/s	0.30/0.40 ^{3) 4)}	
	5.3	Lowering speed, with/without load	m/s	0.45/0.40 ³⁾	
	5.4	Reach speed, with/without load	m/s	0.15/0.15 ³⁾	
	5.7	Climbing ability, with/without load, 30 minute rating	%	3.9/7.1	
	5.8	Maximum climbing ability, with/without load, 5 minute rating	%	10/10	
	5.9	Acceleration time, with/without load	s	5.8/5	
	5.10	Service brake		Hydraulic/electric	
	Drive	6.1	Drive motor, 60 minute rating	kW	6.5
		6.2	Lift motor, 15 % rating	kW	14
6.3		Battery to DIN/IEC		43531C/254-2	
6.4		Battery voltage/rated capacity (5h)	V/Ah	48/700	
6.5		Battery weight (±5 %)	kg	1119	
6.6		Power consumption to VDI cycle	kWh/h	⁵⁾	
Other	8.1	Type of drive control		Electronic/stepless	
	8.2	Working pressure for attachments	bar	200	
	8.3	Oil flow for attachments	l/min	6.5	
	8.4	Noise level at operator's ear	dB (A)	64 ⁶⁾	

1) For all other heights, see table

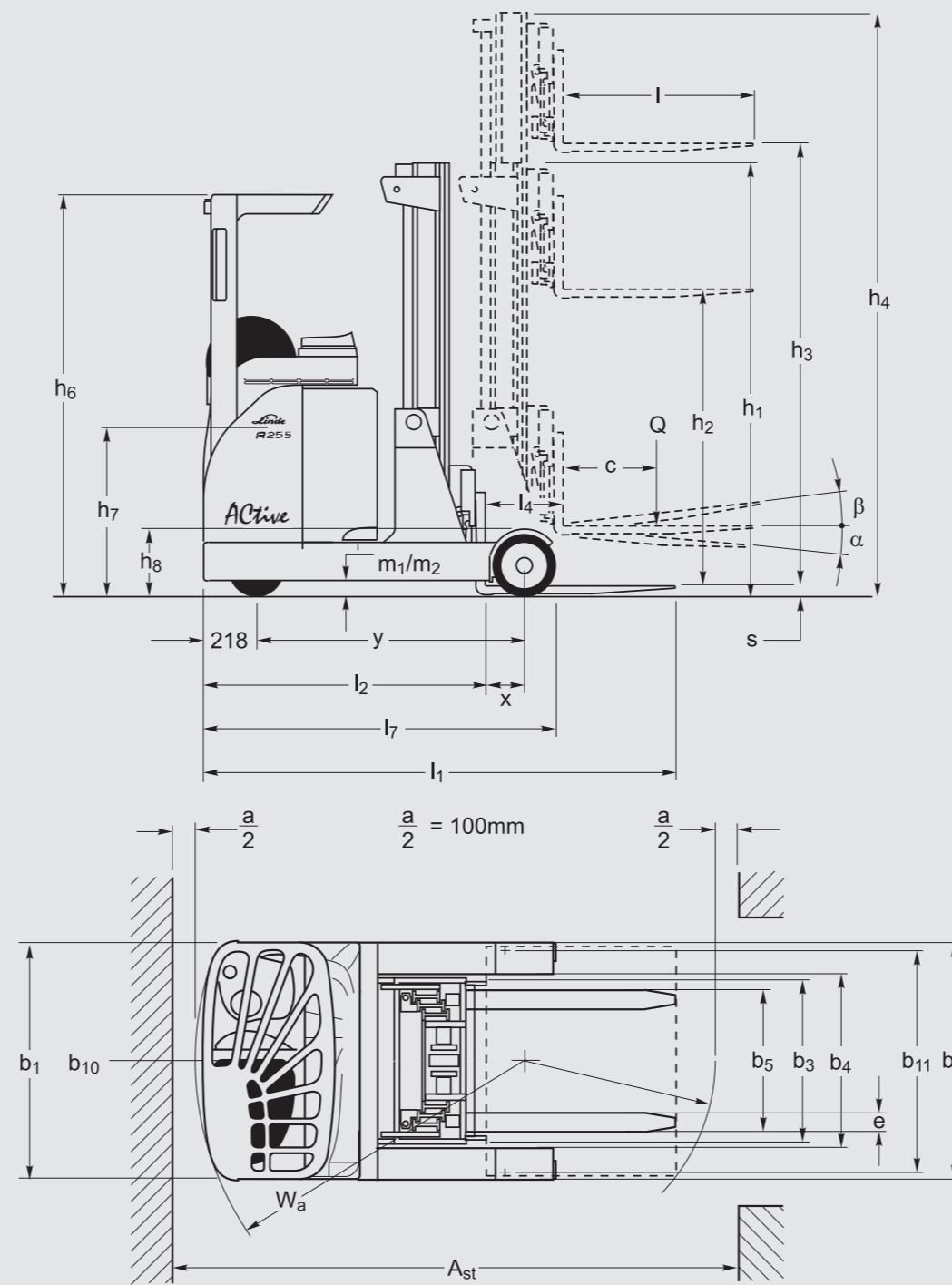
2) Capacity may be reduced for high lifts

3) Traction, lift, lower and reach speeds and weights may vary with alternative lift heights

4) Reduced speed and acceleration on request

5) Refer to manufacturer for figures

6) Figure shown is without cab; 66 dB (A) when cab fitted



Standard mast

Lift	h3	2850	3050	3450	4050	4550	-	-
Height of mast, lowered	h1	2154	2254	2454	2754	3004	-	-
Height of mast, extended	h4	3507	3707	4107	4707	5207	-	-
Free lift	h2	150	150	150	150	150	-	-

Duplex mast

Lift	h3	2865	3165	3665	-	-	-	-
Height of mast, lowered	h1	2072	2222	2472	-	-	-	-
Height of mast, extended	h4	3513	3813	4313	-	-	-	-
Free lift	h2	1424	1574	1824	-	-	-	-

Triplex mast

Lift	h3	4265	4655	5905	6555	6855	7155	7905
Height of mast, lowered	h1	2072	2222	2672	2922	3022	3129	3459
Height of mast, extended	h4	4913	5303	6553	7203	7503	7803	8553
Free lift	h2	1424	1574	2024	2274	2374	2481	2811

Alternative lift heights are available on request. Lift height = **h3 + s**

