

## Features



### Linde operator compartment

- Ergonomic design for efficient, fatigue-free working
- Spacious cab with comfortable footwell and adjustable seat



### Linde clear-view mast

- Standard, duplex and triplex mast
- Full load capacity up to maximum lift height
- Exceptional residual capacity
- High level of safety



### Tiltback cab

- Convenient access to battery
- Quick battery change and streamlined servicing
- Safe, rugged chassis enclosed on all sides

## Standard Equipment

- Linde twin drive pedals to control forward/reverse travel and braking
- Linde Load Control lever integrated in armrest
- Front wheels independently driven by power, maintenance-free AC motors
- Infinitely variable, power-economizing control of travel speed and working hydraulics
- Battery discharge indicator with automatic lift motor slowdown at 80% discharge
- Container entry height standard for E25S to E30S (when fitted with appropriate mast)
- Adjustable PVC seat, adapts to operator's body size and weight
- Tiltback cab allowing quick and easy battery change
- Battery capacity 80V/550 Ah
- On-demand hydrostatic steering
- Plenty of storage space for writing utensils, beverage cans, etc.
- Superelastic tyres
- Standard mast lift height h3 = 3,050mm
- Standard, duplex and triplex masts
- Fork length L = 1,000mm
- Fork carriage width b3 = 1,150mm

- Single drive pedal with direction selector on armrest
- Standard masts, lift height to 5,550mm
- Triplex masts (full free lift), lift height to 6,575mm
- Integral sideshift
- One or two auxiliary hydraulic circuits for all mast types
- Alternative fork lengths
- Fork extensions, load backrest
- Overhead guard can be upgraded to full cabine with roof, front and rear screens and doors
- Comfort-class seat (fabric cover, breather system, lumbar support)
- Separate tilt and lift control levers
- Sideshift
- Flasher warning lamp, truck lighting, work lamps



## Electric Forklift Trucks 2500 & 3000kg E25S, E30S

336-03

Linde Material Handling

Linde

### Productivity

Effective and cost-efficient at work. Battery change completed in record time thanks to the tiltback cab that opens in one easy motion. Shorter downtime is an added benefit of this convenient access. Time for battery maintenance is reduced to mere minutes.

### Performance

Advanced powerful AC motor combined with the original Linde Load Control system enable the operator to turn the truck's vast potential into utmost productivity. Comfortable and precise fingertip control of all mast functions.

### Safety

Model of maneuverability. Due to the patented Linde combi axle these forklifts combine excellent maneuverability and superb stability. Designed with a high level of engineering expertise and constructed from high-quality materials, they take tough working conditions in their stride.

### Reliability

Electric forklifts need reliable electronics. Linde AC Digital Controller provides dependability of a high standard through redundant monitoring systems, complete protection from dust and dirt is gained by a totally enclosed aluminium casing which can be matched to individual requirements.

### Comfort

The high level of operator comfort allows a high level of precision and working performance. Ergonomic layout of all controls including the adjustable seat and "armrest unit" and Linde twin drive pedals provide the basis for fast, stress-free working.

## Features

### Linde hydrostatic steering

- No kickback
- Ergonomic size of steering wheel
- Combination of dual motor drive and patented Linde combi axle results in supreme maneuverability in tight spaces, enabling truck to turn around on the spot

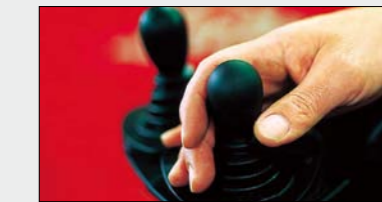
### High-economy motor technology

- Two traction AC motors integrated in front axle
- High torque, excellent gradability
- Superb traction
- Low noise emissions



### Linde twin drive pedals

- Quick change of forward/reverse direction without changing feet on pedals
- Short pedal stroke
- Increased productivity
- Fatigue-free working



### Linde Load Control

- Accurate, safe load handling
- Effortless fingertip control of all mast functions
- Hydraulic control levers integrated in armrest



### Linde combi axle

- Unites the advantage of both center-pivoted and swing axle
- Small turning radius equivalent to three-wheel truck
- Four-wheeler stability and comfort
- High productivity

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

336-03 E25S/30S, D-01\_201006

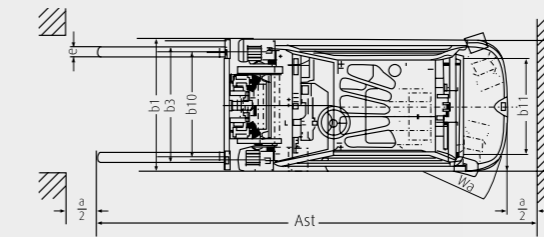
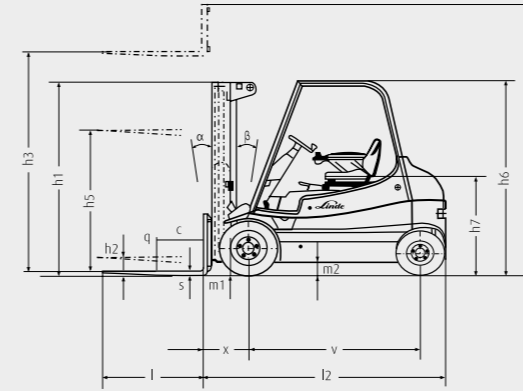


## Technical Data

	Characteristics		Weights	
	1.1	1.2	1.3	1.4
	Manufacturer		LINDE	LINDE
	Model designation		E25S	E30S
	Power unit: Electromotion, diesel, gasoline, LPG		Battery	Battery
	Operation		Seated	Seated
	Load capacity	Q(t)	2.5	3.0
	Load center	c(mm)	500	500
	Axle centre to fork face	x(mm)	439.5	442.5
	Wheelbase	y(mm)	1670	1670
	Service weight	kg	4600	4905
	Axle load with load, front / rear	kg	6250/850	7100/810
	Axle load without load, front / rear	kg	2310/2290	2390/2515
	Tyre:SE=(super elastic), P=(pneumatic)		SE/SE	SE/SE
	Tyre size, front		23 x 9-101)	23 x 9-10 <sup>1)2)</sup>
	Tyre size, rear		200/50-10	200/50-10
	Wheels, number front / rear(X=driven)		2 x /2	2 x /2
	Track width, front / rear	b10/b11mm	960/895	960 (980) <sup>3)</sup> /895
	Mast tilt, forward / backward	$\alpha / \beta(^{\circ})$	5/7.5	5/7.5
	Height of mast, lowered	h1(mm)	2405 <sup>4)</sup>	2405 <sup>4)</sup>
	Free lift	h2(mm)	150	150
	Lift	h3(mm)	3050	3050
	height of mast, extended	h4(mm)	3855	3855
	Height of overhead guard (cabin)	h6(mm)	2070	2070
	Height of seat platform	h7(mm)	1018	1018
	Tow coupling height	h10(mm)	630	630
	Overall length	l1(mm)	3375	3425
	Length to fork face	l2(mm)	2375	2425
	Overall width	b1/b2(mm)	1180	1180 (1228) <sup>3)</sup>
	Fork dimensions, sxxl	s/e/l(mm)	45 x 100 x 1000	45x122x1000
	Fork carriage to DIN 15173, class / form A, B		2A	3A
	Width of fork carriage	b3(mm)	1150	1150
	Ground clearance, mast	m1(mm)	136	134
	Ground clearance, center of wheelbase	m2(mm)	117	115
	Aisle width with pallet 1000x1200mm across forks	Ast(mm)	3715	3737
	Aisle width with pallet 800x1200mm along forks	Ast(mm)	3843	3866
	Turning radius	Wa(mm)	1955	1975
	Minium pivoting distance	b13(mm)	—	—
	Travel speed, with / without load	km/h	20/20	20/20
	Lifting speed, with / without load	m/s	0.44/0.53	0.42/0.51
	Lowering speed, with / without load	m/s	0.55/0.55	0.55/0.55
	Tractive force, with / without load (60 minute rating)	N	3984/4371	3826/4356
	Maximum tractive force, with / without load )	N	13500/13500	13500/13500
	Climbing ability, with/without load	%	8/13.8	7/12.2
	Maximum climbing ability, with/without load	%	16/26.8	14/24
	Acceliration, with / without load	s	4.2/3.9	4.3/4.0
	Service brake		mech./electr.	mech./electr.
	Drive motor hour rating (60 minute rating)	kW	2x9	2x9
	Lift motor, 15% rating	kW	17	17
	Battery according to DIN43 531/35/36 A/B/C/no		43536 A	43536 A
	Batteru voltage / capacity (5 hours)	V/Ah	80/550	80/550
	Battery weight (+/-5%)	kg	1458	1458
	Type of drive control		LAC	LAC
	Working pressure for attachments	bar	175	200
	Oil flow for attachments	l/min	32	32
	Mean noise level at driver's ear	dB(A)	65	65

Figures for standard version may vary when optional equipment is fitted  
 1) Optionally pneumatic tyres  
 2) Optionally 23X10-12 SE, overall width 1228mm.  
 3) Figures in parentheses for 23X10-12 SE Tyres.  
 4) With 150mm free lift.

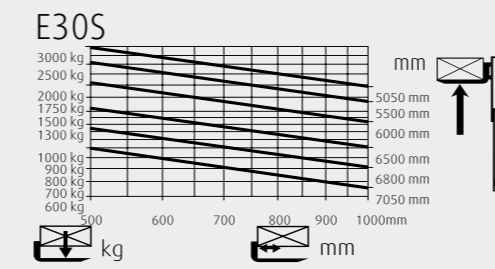
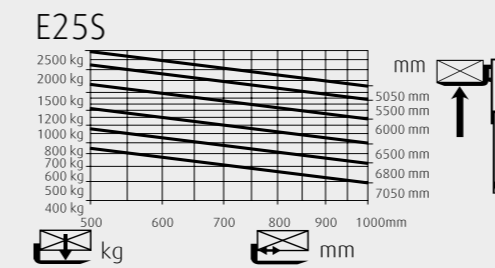
## Lifting Capacity Diagram for Standard, Duplex Mast and Triplex Mast with Standard Fork Carriage:



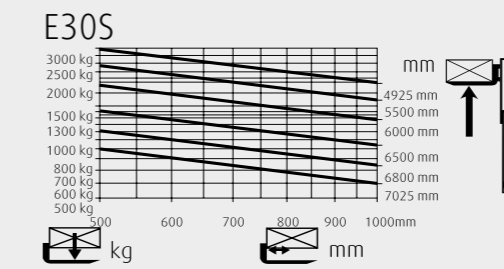
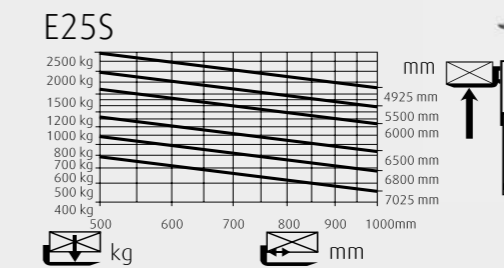
safety distance a=200mm



### Standard, Duplex mast



### Triplex masts



## Mast Datasheet (in: mm)

Standard masts (mm)	E25S, E30S					
Lift height	h <sub>3</sub>	3050	4050	4650	5150	5550
Retracted height with 150mm free lift	h <sub>1#</sub>	2405	2905	3205	3455	3655
Height of overall at max. lift	h <sub>4</sub>	3855	4855	5455	5955	6355
Free lift	h <sub>2</sub>	150	150	150	150	150

Duplex masts (mm)	E25S, E30S	
Lift height	h <sub>3</sub>	2750
Retracted height	h <sub>1</sub>	2110
Height of mast, extended	h <sub>4</sub>	3535
Free lift	h <sub>2</sub>	1325

Triplex masts (mm)	E25S, E30S			
Lift height	h <sub>3</sub>	4025	5075	6275
Retracted height	h <sub>1</sub>	2110	2460	2860
Height of mast, extended	h <sub>4</sub>	4810	5860	7060
Free lift	h <sub>2</sub>	1325	1675	2075