



STAND-UP ELECTRIC COUNTERBALANCED TRUCKS

CAPACITY: 3,500 – 4,000 lbs.

E18S / E20S

SERIES 1346

Safety

The low-profile front cover and nested mast rails increase visibility of the front chassis corners and drive tire positioning. The automatic parking brake, Linde Curve Control and tilt assistance provide added safety for the operator and others around the truck.

Performance

The Series 1346 combines efficiency and high-performance with its high ratio gear box, AC drive motor and AC pump motor. The electronically controlled drive and hydraulic functions optimize performance and feature three operational modes: Performance, Productivity and Efficiency.

Comfort

The operator compartment offers excellent comfort and superior ergonomics. With features like a low-height operator platform, adjustable armrest, telescopic steering column and cushioned driver interface surfaces, the Series 1346 increases productivity through operator comfort.

Reliability/Durability

To ensure reliable performance, the Series 1346 endured extensive driveline testing. It is fitted with dual AC drive units, a powerful AC pump motor and a 10mm thick, wrap-around bumper for improved protection against impacts.

Productivity

The Series 1346 was designed to provide the operator with all of the tools necessary to maximize uptime. The operator is able to spend more time in the field due to the interactive display unit with onboard diagnostics, flexible storage for tools and personal items, and easy access to major components.

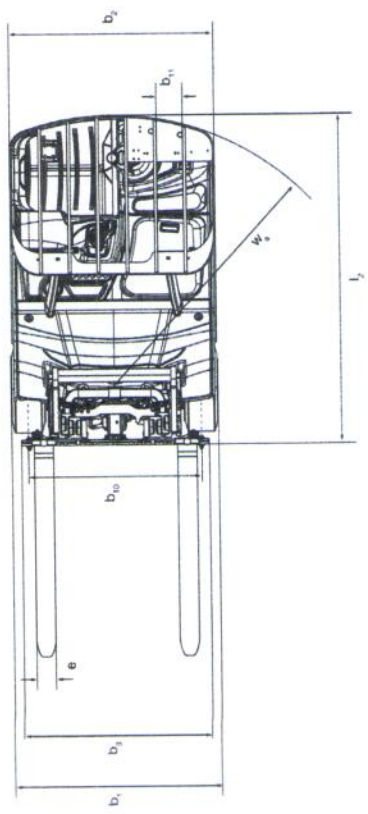
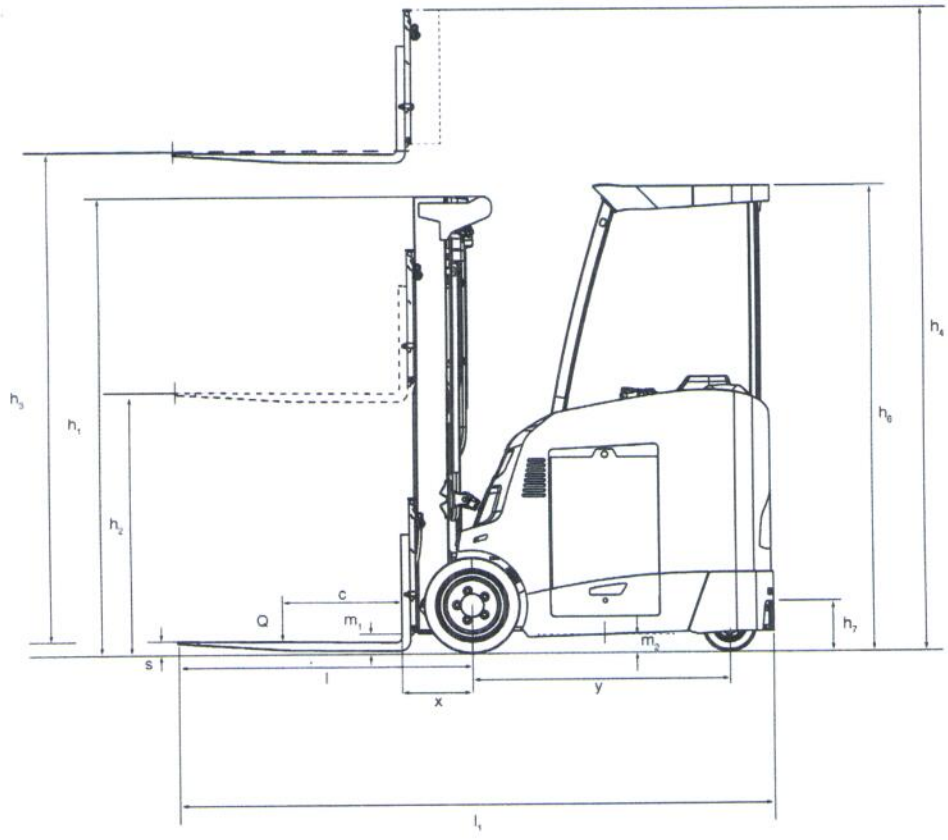
TECHNICAL DATA

October 2017 / Series 1346

					E18S		LINDE	
Characteristics	1.1	Manufacturer			Battery			
	1.2	Model designation			Standing			
	1.3	Power unit						
	1.4	Operation						
	1.5	Load capacity	Q	lbs	kg	3500	1588	4000
	1.6	Load center	c	in	mm	24	600	24
	1.8	Axle center to fork face	x	in	mm	13.2	335	13.2
	1.9	Wheelbase	y	in	mm	46.2	1174	48.2
	Weights	2.1	Service weight ¹ (+/- 5.0%)		lbs	kg	8695	3945
2.2		Axle load, with load, front/rear		lbs	kg	10976/1477	4980/670	12188/1400
2.3		Axle load, without load, front/rear		lbs	kg	4518/4408	2050/2000	5113/4573
Wheels/Tires	3.1	Tire type, front / rear			Cushion/cushion			
	3.2	Tire size, front			18" x 7" x 12 1/8"			
	3.3	Tire size, rear			10" x 5" x 6 1/2"			
	3.5	Wheels, number front / rear (X=driven)			2X/2			
	3.6	Track width, front	b ₁₃	in	mm	35.5	902	35.5
	3.7	Track width, rear	b ₁₁	in	mm	6.7	170	6.7
	Dimensions	4.1	Mast tilt, forward/backward			7° / 5°		
4.2		Height of mast, lowered*	h ₁	in	mm	88	2225	88
4.3		Free lift*	h ₂	in	mm	63	1618	63
4.4		Lift height*	h ₃	in	mm	195	4960	195
4.7		Height of overhead guard	h ₆	in	mm	88	2235	88
4.8		Height of operating platform	h ₇	in	mm	8	200	8
4.19		Overall length	l ₁	in	mm	110	2792	112
4.2		Length to fork face	l ₂	in	mm	68	1725	70
4.21		Overall width	b ₁ /b ₂	in	mm	42.5	1080	42.5
4.22		Fork dimensions		in	mm	1.5 x 4 x 42	40 x 100 x 1067	1.5 x 4 x 42
4.23		Fork carriage to ISO 2328, Class/Form A, B				2A		
4.24		Width of fork carriage	b ₃	in	mm	38.6	980	38.6
4.31		Ground clearance with load, mast	m ₁	in	mm	3.1	78	3.1
4.32		Ground clearance with load, center of wheelbase	m ₂	in	mm	3.9	98	3.9
4.33		Load dimension b ₁₂ x l ₆ crossways	b ₁₂ x l ₆	in	mm	48 x 40	1219 x 1016	48 x 40
4.34		Aisle width predetermined load dimensions	Ast	in	mm	121	3082	123
4.34.1		Aisle width for pallets 1000 x 1200 crossways	Ast	in	mm	127	3214	128
4.34.2		Aisle width for pallets 800 x 1200 crossways	Ast	in	mm	125	3186	127
4.35		Turning radius	Wa	in	mm	55	1400	57
Performance	5.1	Travel speed, with/without load		mph	kph	7 / 7.5	11.2 / 12.0	7 / 7.5
	5.2	Lifting speed, with/without load		ft/min	m/s	65 / 107	0.33 / 0.54	61 / 107
	5.3	Lowering speed, with/without load		ft/min	m/s	95 / 85	0.48 / 0.43	95 / 85
	5.5	Drawbar pull, with/without load		lbf	N			
	5.6	Max drawbar pull, with/without load		lbf	N			
	5.7	Gradeability, with/without load		%	%			
	5.8	Max gradeability, with/without load		%	%	17 / 20.8		
	5.9	Acceleration time with/without load		s		7.5		
	5.10	Service brakes				Electrical		
	Drive	6.1	Drive motor rating (60 minute rating)				4.1 x 2	
6.2		Lift motor, 15% rating				9		
6.4		Battery voltage / rated capacity				36 / 875		
6.5		Battery weight (nominal)		lbs	kg	2486	1128	2834
Add'l		10.1	Working pressure of attachments		psi	bar	2175	150
	10.2	Oil flow for attachments		gpm	l/min	8.5	32	8.5
	10.7	Mean noise level at driver's ear				68		

* 88" / 195" Triplex Mast

Weight	1815
	600
	335
	1225
	4395
	5530/635
	2320/2075
Configuration	
2 1/8"	
6 1/2"	
	902
	170
	2225
	1618
	4960
	2235
	200
	2842
	1775
	1080
	40 x 100 x 1067
	980
	78
	98
	1219 x 1016
	3127
	3259
	3231
	1445
	11.2 / 12.0
	0.31 / 0.54
	0.48 / 0.43
1.8	
2	
100	
	1286
	150
	32



FEATURES

Uptime

- > Tie-downs compatible with transport hooks
- > Battery rollers
- > Easy-access layout
- > Low operating platform
- > Tool-free access panels
- > Diagnostic display unit



Durability

- > 10mm thick, wrap-around bumper
- > Duty-cycle testing
- > Stability testing
- > Drive unit bench testing
- > High-impact axle testing

Safety

- > UL Type EE available
- > Advanced tilt control
- > High-visibility mast
- > Low-profile front cover
- > Automatic parking brake

Operator Compartment

- > 90° operating position
- > 8 in. platform height
- > Floorplate suspension system for vibration isolation
- > Largest operator compartment
- > Quiet operation



For more information on Linde material handling equipment, please contact:

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