



ELECTRIC COUNTERBALANCED TRUCK

CAPACITY: 5,000 – 6,500 lbs.

E25C - E32C

SERIES 1347

Safety

This line of trucks is designed for the demanding conditions of the Class 1 market. The low-mounted counterweight and dashboard, combined with a clearview mast (peri-view) increase all-around visibility. This, together with low noise level and simple operation allow operators to stay alert and maintain unparalleled awareness of their surroundings.

Performance

With its impressive performance the truck still maintains low energy consumption and quiet operation. Advanced motor and drive technology combined with the mechanically controlled hydraulic system, enable the operator to use the trucks potential to maximize productivity. High-energy efficiency will allow extended operational time, even at maximum performance.

Comfort

Climb on board relaxed, finish the shift relaxed. This truck is designed to the most advanced ergonomic standards. A spacious cab interior with accessibility from both sides of the truck, cowl mounted hydraulic controls, suspension seat, and functional positioning of easy-actuation controls make for a low-stress working environment.

Reliability/Durability

This machine withstands the most brutal conditions in severe applications thanks to our time-tested engineering, design and manufacturing expertise. A 3-year standard warranty is added proof of confidence in the durability of this machine.

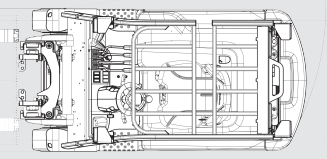
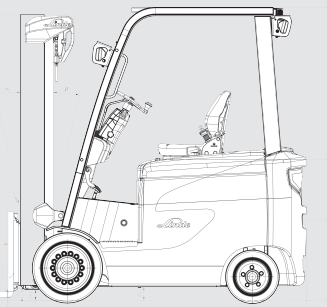
Productivity

All machines need maintenance, but the Series 1347 trucks only require it every 1000-hours. Standard features like dual AC drive motors, maintenance-free wet disc brakes, no components under the battery, neoprene mounted cast steer axle and interactive display for easy diagnostics, keep this truck in perfect operating condition.

TECHNICAL DATA

July 2017 / Series 1347

| | LINDE | | | | LINDE | | | | LINDE | | | | LINDE | | | | LINDE | | | | LINDE | | | | | | | | | | | | |
|-----------------|--------------------------------------|--------------------------------------------------|-----------------------------|-----|---------------------|----------------------------------------------|-------------|-----------|---------------------|-----------------|-------------|-----------|---------------------|----------------------------------------------|-------------|-----------|---------------------|-----------------|-------------|-------|---------------------|-----------------|-------|--|-------|----------|--|--|--|-------|--|--|--|
| | E25 C | | | | E25 CL | | | | E27 C | | | | E27 CL | | | | E30 C | | | | E30 CL | | | | E32 C | | | | | | | | |
| Characteristics | 1.1 | Manufacturer | | | | LINDE | | | | LINDE | | | | LINDE | | | | LINDE | | | | LINDE | | | | | | | | | | | |
| | 1.2 | Model designation | | | | E25 C | | | | E25 CL | | | | E27 C | | | | E27 CL | | | | E30 C | | | | E30 CL | | | | E32 C | | | |
| | 1.3 | Power unit | | | | Electric | | | | Electric | | | | Electric | | | | Electric | | | | Electric | | | | Electric | | | | | | | |
| | 1.4 | Operation | | | | Seated | | | | Seated | | | | Seated | | | | Seated | | | | Seated | | | | Seated | | | | | | | |
| | 1.5 | Load capacity | Q | lbs | kg | 5000 | 2272 | 5000 | 2272 | 5500 | 2500 | 5500 | 2500 | 6000 | 2727 | 6000 | 2727 | 6000 | 2727 | 6500 | 2954 | | | | | | | | | | | | |
| | 1.6 | Load center | c | in | mm | 24 | 600 | 24 | 600 | 24 | 600 | 24 | 600 | 24 | 600 | 24 | 600 | 24 | 600 | 24 | 600 | | | | | | | | | | | | |
| | 1.8 | Axle center to fork face | x | in | mm | 17.6 | 447 | 17.6 | 447 | 17.6 | 447 | 17.6 | 447 | 17.6 | 447 | 17.6 | 447 | 17.6 | 447 | 17.6 | 447 | | | | | | | | | | | | |
| | 1.9 | Wheelbase | y | in | mm | 51.2 | 1300 | 55.1 | 1400 | 51.2 | 1300 | 55.1 | 1400 | 51.2 | 1300 | 55.1 | 1400 | 55.1 | 1400 | 55.1 | 1400 | | | | | | | | | | | | |
| | Weights | 2.1 | Service weight | | | | 10447 | 4739 | 10311 | 4677 | 10932 | 4959 | 10796 | 4897 | 11395 | 5169 | 11281 | 5117 | 11744 | 5327 | | | | | | | | | | | | | |
| 2.2.1 | | Axle load, with load, front | | | | 13465 | 6108 | 13465 | 6108 | 14237 | 6458 | 14233 | 6456 | 15017 | 6812 | 14998 | 6803 | 15743 | 7141 | | | | | | | | | | | | | | |
| 2.2.2 | | Axle load, with load, rear | | | | 1982 | 899 | 1843 | 836 | 2195 | 996 | 2063 | 936 | 2376 | 1078 | 2283 | 1036 | 2500 | 1134 | | | | | | | | | | | | | | |
| 2.3.1 | | Axle load, without load, front | | | | 4400 | 1996 | 4691 | 2128 | 4265 | 1935 | 4578 | 2077 | 4124 | 1871 | 4453 | 2020 | 4323 | 1961 | | | | | | | | | | | | | | |
| 2.3.2 | | Axle load, without load, rear | | | | 6047 | 2743 | 5617 | 2548 | 6666 | 3024 | 6214 | 2819 | 7270 | 3298 | 6827 | 3097 | 7420 | 3366 | | | | | | | | | | | | | | |
| Wheels/Tires | 3.1 | Tire type, front/rear | | | | Cushion/Cushion | | | | Cushion/Cushion | | | | Cushion/Cushion | | | | Cushion/Cushion | | | | Cushion/Cushion | | | | | | | | | | | |
| | 3.2 | Tire size, front | | | | 21x7x15 | | | | 21x7x15 | | | | 21x8x15 | | | | 21x8x15 | | | | 21x8x15 | | | | | | | | | | | |
| | 3.3 | Tire size, rear | | | | 16x6x10.5 | | | | 16x6x10.5 | | | | 16x6x10.5 | | | | 16x6x10.5 | | | | 16x6x10.5 | | | | | | | | | | | |
| | 3.5 | Wheels, number front/rear (X=driven) | | | | 2x / 2 | | | | 2x / 2 | | | | 2x / 2 | | | | 2x / 2 | | | | 2x / 2 | | | | | | | | | | | |
| | 3.6 | Track width, front | b10 | in | mm | 35.35 | 898 | 35.35 | 898 | 36.22 | 920 | 36.22 | 920 | 36.22 | 920 | 36.22 | 920 | 36.22 | 920 | 36.22 | 920 | | | | | | | | | | | | |
| | 3.7 | Track width, rear | b11 | in | mm | 35.75 | 908 | 35.75 | 908 | 35.75 | 908 | 35.75 | 908 | 35.75 | 908 | 35.75 | 908 | 35.75 | 908 | 35.75 | 908 | | | | | | | | | | | | |
| | Dimensions | 4.1 | Mast tilt, forward/backward | | | | 5°/5° | | | | 5°/5° | | | | 5°/5° | | | | 5°/5° | | | | 5°/5° | | | | | | | | | | |
| 4.7 | | Height of overhead guard | h6 | in | mm | 88 | 2235 | 88 | 2235 | 88 | 2235 | 88 | 2235 | 88 | 2235 | 88 | 2235 | 88 | 2235 | 88 | 2235 | | | | | | | | | | | | |
| 4.8 | | Height of seat relating to SIP | h7 | in | mm | 51.2 | 1300 | 51.2 | 1300 | 51.2 | 1300 | 51.2 | 1300 | 51.2 | 1300 | 51.2 | 1300 | 51.2 | 1300 | 51.2 | 1300 | | | | | | | | | | | | |
| 4.19 | | Overall length | l1 | in | mm | 127.3 | 3233 | 129.8 | 3296 | 129.3 | 3284 | 131.2 | 3333 | 129.7 | 3295 | 133.2 | 3384 | 133.6 | 3395 | | | | | | | | | | | | | | |
| 4.2 | | Length to fork face | l2 | in | mm | 85.2 | 2163 | 87.6 | 2226 | 87.2 | 2214 | 89.1 | 2263 | 87.6 | 2225 | 91.1 | 2314 | 91.1 | 2314 | | | | | | | | | | | | | | |
| 4.21 | | Overall width | b1/b2 | in | mm | 42.5 | 1080 | 42.5 | 1080 | 44.2 | 1123 | 44.2 | 1123 | 44.2 | 1123 | 44.2 | 1123 | 38.6 | 980 | | | | | | | | | | | | | | |
| 4.24 | | Width of fork carriage | b3 | in | mm | 38.6 | 980 | 38.6 | 980 | 38.6 | 980 | 38.6 | 980 | 38.6 | 980 | 38.6 | 980 | 38.6 | 980 | | | | | | | | | | | | | | |
| 4.31 | | Ground clearance, mast | m1 | in | mm | 2.95 | 75 | 2.95 | 75 | 2.95 | 75 | 2.95 | 75 | 2.95 | 75 | 2.95 | 75 | 2.95 | 75 | | | | | | | | | | | | | | |
| 4.32 | | Ground clearance, center of wheelbase | m2 | in | mm | 4.9 | 125 | 4.9 | 125 | 4.9 | 125 | 4.9 | 125 | 4.9 | 125 | 4.9 | 125 | 4.9 | 125 | | | | | | | | | | | | | | |
| 4.34.1 | | Aisle width, 48" (1220 mm) load size | Ast | in | mm | 145 | 3657.60 | 149 | 3778 | 145 | 3658 | 149 | 3778 | 145 | 3658 | 149 | 3778 | 149 | 3778 | | | | | | | | | | | | | | |
| 4.34.2 | | Aisle width, add load & operational clearance | Ast | in | mm | 90.2 | 2291.00 | 93 | 2358 | 90.2 | 2291 | 93 | 2358 | 90.2 | 2291 | 93 | 2358 | 93 | 2358 | | | | | | | | | | | | | | |
| 4.35 | Turning radius | Wa | in | mm | 72.6 | 1844 | 75.2 | 1911 | 73.8 | 1874 | 76.5 | 1943 | 75.1 | 1907 | 77.7 | 1973 | 78.9 | 2006 | | | | | | | | | | | | | | | |
| Performance | 5.1 | Travel speed, with/without load, 36V | | | | 10 | 16 | 10 | 16 | 10 | 16 | 10 | 16 | 10 | 16 | 10 | 16 | 10 | 16 | | | | | | | | | | | | | | |
| | 5.1 | Travel speed, with/without load, 48V | | | | 11.2 | 18 | 11.2 | 18 | 11.2 | 18 | 11.2 | 18 | 11.2 | 18 | 11.2 | 18 | 11.2 | 18 | | | | | | | | | | | | | | |
| | 5.2 | Lifting speed, with/without load, 36V | | | | 71/96 | 0.36/0.49 | 71/96 | 0.36/0.49 | 55/95 | 0.28/0.48 | 55/95 | 0.28/0.48 | 50/84 | 0.25/0.43 | 50/84 | 0.25/0.43 | 50/84 | 0.24/0.43 | | | | | | | | | | | | | | |
| | 5.2 | Lifting speed, with/without load, 48V | | | | 79/104 | 0.40/0.53 | 79/104 | 0.40/0.53 | 73/124 | 0.37/0.63 | 65/124 | 0.37/0.63 | 65/112 | 0.33/0.57 | 65/112 | 0.33/0.57 | 65/112 | 0.32/0.57 | | | | | | | | | | | | | | |
| | 5.3 | Lowering speed, with/without load, 36V | | | | 98/98 | 0.50/0.50 | 98/98 | 0.50/0.50 | 98/98 | 0.50/0.50 | 98/98 | 0.50/0.50 | 98/98 | 0.50/0.50 | 98/98 | 0.50/0.50 | 98/98 | 0.50/0.50 | | | | | | | | | | | | | | |
| | 5.3 | Lowering speed, with/without load, 48V | | | | 98/98 | 0.50/0.50 | 98/98 | 0.50/0.50 | 98/98 | 0.50/0.50 | 98/98 | 0.50/0.50 | 98/98 | 0.50/0.50 | 98/98 | 0.50/0.50 | 98/98 | 0.50/0.50 | | | | | | | | | | | | | | |
| | 5.6 | Max. drawbar pull, with/without load, 36V | | | | 3057/3192 | 13600/14200 | 3057/3192 | 13600/14200 | 3057/3192 | 13600/14200 | 3057/3192 | 13600/14200 | 3057/3192 | 13600/14200 | 3057/3192 | 13600/14200 | 3057/3192 | 13600/14200 | | | | | | | | | | | | | | |
| | 5.6 | Max. drawbar pull, with/without load, 48V | | | | 3394/3533 | 15100/15720 | 3394/3533 | 15100/15720 | 3394/3533 | 15100/15720 | 3394/3533 | 15100/15720 | 3394/3533 | 15100/15720 | 3394/3533 | 15100/15720 | 3394/3533 | 15100/15720 | | | | | | | | | | | | | | |
| | 5.8 | Max. gradeability, with/without load, 36V | | | | 20 / 35 | | 20 / 35 | | 19 / 34 | | 19 / 34 | | 19 / 34 | | 19 / 34 | | 18 / 31 | | | | | | | | | | | | | | | |
| | 5.8 | Max. gradeability, with/without load, 48V | | | | 21 / 36 | | 21 / 36 | | 20 / 34 | | 20 / 34 | | 20 / 34 | | 20 / 34 | | 19 / 31 | | | | | | | | | | | | | | | |
| 5.9 | Acceleration time, with/without load | | | | 4.5/4.8 | | 4.5/4.8 | | 4.5/4.8 | | 4.5/4.8 | | 4.5/4.8 | | 4.5/4.8 | | 4.5/4.8 | | | | | | | | | | | | | | | | |
| 5.10 | Service brake | | | | mechanical/electric | | | | mechanical/electric | | | | mechanical/electric | | | | mechanical/electric | | | | mechanical/electric | | | | | | | | | | | | |
| Drive | 6.1 | Drive motor hour rating (60 minute rating), 36V | | | | 7.9 x 2 | 5.9 x 2 | 7.9 x 2 | 5.9 x 2 | 7.9 x 2 | 5.9 x 2 | 7.9 x 2 | 5.9 x 2 | 7.9 x 2 | 5.9 x 2 | 7.9 x 2 | 5.9 x 2 | 7.9 x 2 | 5.9 x 2 | | | | | | | | | | | | | | |
| | 6.1 | Drive motor hour rating (60 minute rating), 48V | | | | 8.7 x 2 | 6.5 x 2 | 8.7 x 2 | 6.5 x 2 | 8.7 x 2 | 6.5 x 2 | 8.7 x 2 | 6.5 x 2 | 8.7 x 2 | 6.5 x 2 | 8.7 x 2 | 6.5 x 2 | 8.7 x 2 | 6.5 x 2 | | | | | | | | | | | | | | |
| | 6.2 | Lift motor, 15% rating, 36V | | | | 26.9 | 20 | 26.9 | 20 | 26.9 | 20 | 26.9 | 20 | 26.9 | 20 | 26.9 | 20 | 26.9 | 20 | | | | | | | | | | | | | | |
| | 6.2 | Lift motor, 15% rating, 48V | | | | 29.5 | 22 | 29.5 | 22 | 29.5 | 22 | 29.5 | 22 | 29.5 | 22 | 29.5 | 22 | 29.5 | 22 | | | | | | | | | | | | | | |
| | 6.4 | Battery voltage/rated capacity (6 hours) | | | | 36V/25 Plate /1020AH or 36V/29 Plate /1190AH | | | | | | | | 48V/19 Plate /765AH or 48V /21 Plate /850 AH | | | | | | | | | | | | | | | | | | | |
| Others | 8.1 | Type of drive control | | | | 2900 | 200 | 2900 | 200 | 2900 | 200 | 2900 | 200 | 2900 | 200 | 2900 | 200 | 2900 | 200 | | | | | | | | | | | | | | |
| | 8.2 | Working pressure for attachments | | | | 8.45 | 32 | 8.45 | 32 | 8.45 | 32 | 8.45 | 32 | 8.45 | 32 | 8.45 | 32 | 8.45 | 32 | | | | | | | | | | | | | | |
| | 8.4 | Noise level | | | | 68 dB (A) or less; average at driver's ear | | | | | | | | | | | | | | | | | | | | | | | | | | | |



FEATURES

Linde Electric Counterbalanced Truck

- > Robust
- > Agile
- > Responsive
- > Energy efficient
- > Low maintenance



Tough Drive Line

- > Massive one-piece drive axle
- > Internal wet disc brakes
- > Curve assist
- > Traction control



Linde Clearview Mast

- > Best peripheral view
- > Least obstructing hose routing
- > Bulkhead hose connection



Linde Hydraulic System

- > Cowl-mounted hydraulic valve
- > Individual handles
- > Short linkage, precise control
- > High oil volume, high-speed operation



Substantial Frame & Axle

- > Highest residual capacity
- > No components under battery
- > Two battery sizes
- > Cast rear axle
- > Neoprene mounting

Truck Control

- > Dual pedal travel control
- > Foot operated parking brake
- > Exceptionally responsive steering

Linde Operator Compartment

- > Generous foot space
- > On/Off both sides
- > Full suspension seat
- > Best all-around view

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

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