

346 Basic dimensions





E18 / E20: 79" E20C / E20P: 86" Standard: 80"

78" Low:

Width (all models):

-42" Cushion tires

-46" SE tires



Overhead guard for drive-in rack

Available models (36-volt & 48-volt)



Three-wheel configuration

Model	Capacity	Height	Length
E18	3,500 lb	80"	79"
E20	4,000 lb	80"	79"



Four-wheel configuration

Model	Capacity	Height	Length
E20C	4,000 lb	80"	86"
E20P	4,000 lb	80"	86"







36-volt 48-volt Lift-out 1000 700 850 AΗ AΗ AΗ AΗ 18-100-21 18-85-21 24-85-15 24-100-15 36-volt 48-volt Slide-out 1000 595 700 850 ΑH AΗ AΗ AΗ 18-85-21 18-100-21 Slide pad adds 0.25" 24-85-15 24-100-15 36-volt 48-volt **Roll-out** 595 850 ΑH AΗ Rollers add 2.25" 24-85-15 18-85-21

*AH capacity using standard, 6-hour rate

Operator compartment



Features

- Small diameter steering wheel
- Large diameter cup holder
- Tool storage compartments
- Ergonomics for wide range of drivers
- Informational display unit





Operator compartment

- Driver comfort leads to highproductivity
- Full-suspension seat (standard)
- Adjustable armrest with fingertip controls
- Small diameter steering wheel
- Low step height for easy entry/exit





Competition Non-suspension Semi-suspension





Ergonomic features

Linde Material Handling

- Adjustable steering column
- Tilt-up armrest with fingertip controls
- Easy entry/exit on both sides
 - Left-side PRIMARY
 - Right-side SECONDARY
- Adjustable, full-suspension seat



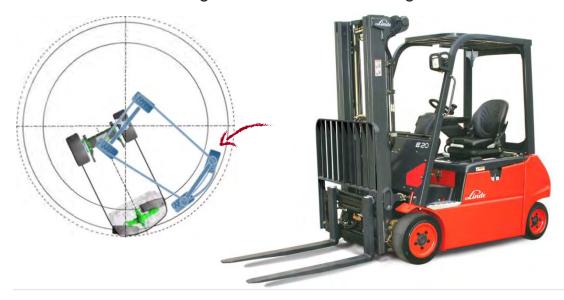


Linde exclusive: Combi-axle





- Provides the same turning behavior of three-wheel trucks
- High articulation point improves ride and stability
- Cushioned mounting block to the counterweight









Common Features

Linde exclusive: Compact drive unit

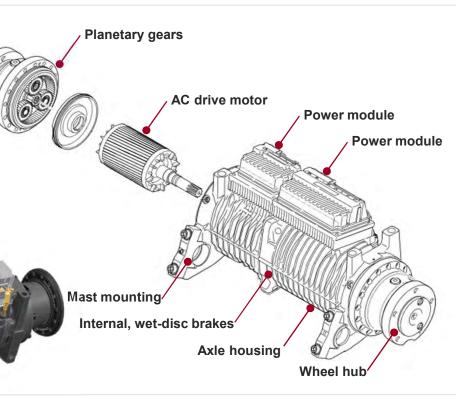




Technical features

- Dual in-line, AC motors assembled in a compact housing
- 36-volt and 48-volt configurations available
- Enclosed and protected to IP54 (dust-proof / splash-proof)
- Zero-maintenance, wet-disc brakes
- Planetary gears transmit power efficiently (without differential)

- Integrated, temperature-controlled cooling fans



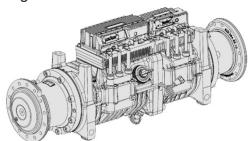
Compact drive axle





Customer benefits

- Compact unit reduces part count for simpler maintenance
- Eliminates cost of brake failures and brake maintenance
- IP54 enclosure permits E-truck use in IC-truck environments
- Planetary gearing ensures optimized traction in all conditions
- Integrated fans support use in very hot environments
- Simple replacement of components through wheel ends





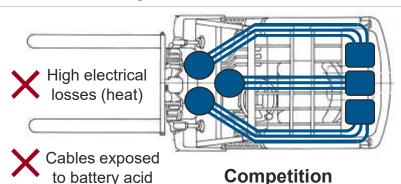
Series 346 & 1347 – Common Features Electrical power modules

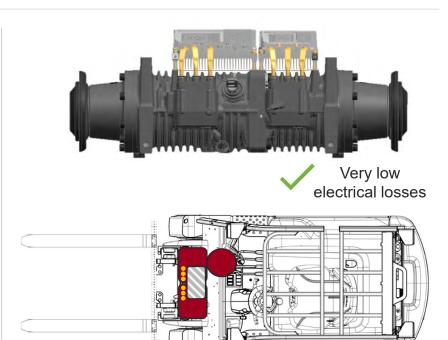




Customer benefits

- Highest energy-efficiency among competition
- Lower heat generation (energy loss) means more energy available for working
- Eliminate cables that generate heat and energy loss
- Simple, uncluttered layout for easy service
- Dedicated cooling fans for use in hot environments





Series 1347

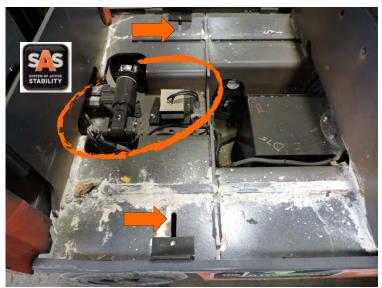
Reliability though good design

Linde Material Handling

Series 1347



Competitor



*Critical components under battery

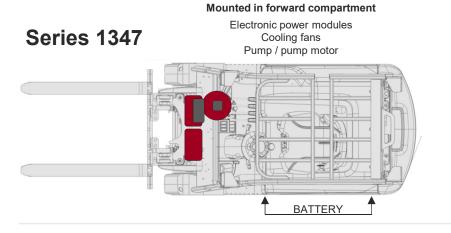
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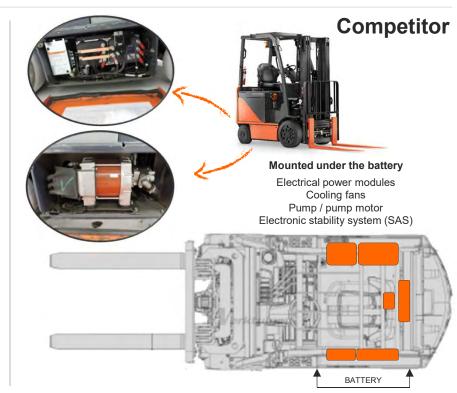
Series 346 & 1347 – Common Features Reliability though good design



Features

- Protection of critical components
 - Parts within chassis for impact protection
 - Guarded from corrosive battery acid
- Short connection points; not routed through multiple chassis cut-outs.
- Technicians are not exposed to battery acid during service.





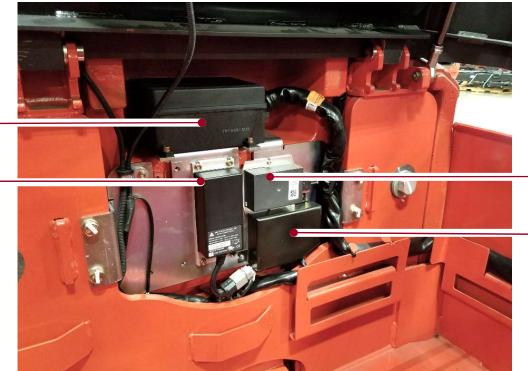
Series 346 & 1347 – Common Features Component locations











Series 346 & 1347 - Common Features **Emergency power disconnection**





- Easy and fast to operate during an



Series 346 & 1347 – Common Features Curve Assist



- Standard equipment on Series 1347
- Electronically-controlled reduction of speed while turning
- Safer and more efficient operation with a secure drive feeling
- Reduced energy consumption and reduced tire wear
- Electronic differential control for stable traction in slippery conditions





Mast enhancements





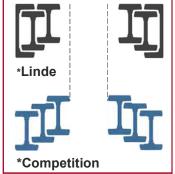
Features

Narrow rail configuration for increased viewing window

Deep channel profile for high strength

C-channel and interlocking I-beam for maximum strength

- Same mast across all capacities





Auxiliary hose routing



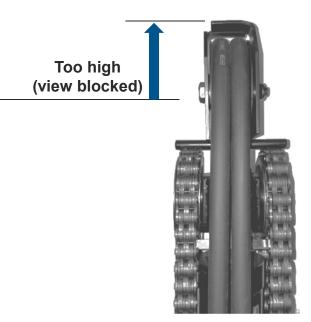


- Hoses-over-chains configuration for auxiliary functions
- Single hose lines for individual replacement
- BEST VISIBILITY

Competitor







Competitor

Auxiliary hose lines



Features

- Single or double auxiliary functions
- Hose routing without large, metal guides
- Segmented design for easy replacement
- High-visibility concept
- Fast replacement of carriage-side hoses



