

Standard Equipment/Optional Equipment

Standard Equipment

Linde hydrostatic power steering
 Linde twin accelerator pedals for all vehicle movements
 Armrest with Linde Load Control
 2 x 11 kW maintenance free AC drive motors
 2 x 21 kW maintenance free AC lift motor
 Graphic display of battery operating time (hh:min)
 Standard monitoring of battery door
 Automatic parking brake
 Dual motor drive
 Proportional reduction of travel speed when cornering (Linde Curve Assist)
 Seamless electronic control of all traction and hydraulic movements
 Hydraulically cushioned full suspension operator's seat with armrest

Comprehensive digital instrument display
 Generous storage facilities for writing materials etc.
 Superelastic tyres
 Three different modes providing the perfect combination of performance and efficiency

Mast

Clearview standard mast = 3,850 mm (E60),
 3,450 mm (E70-80), 3,050 mm (E80/900)
 Fork carriage width: 1,650 mm to 2,180 mm
 Fork length 1,200 mm (E60-80), 1,800 mm (E80/900)

Optional Equipment

Single pedal accelerator with forward/reverse selector in the armrest
 Alternative fork length
 Alternative fork carriage widths
 Charging on rear side with active ventilation
 Load backrest
 One, two or three additional hydraulic circuits for attachments
 Polycarbonate top screen on overhead guard, modular cabin design up to full cabin
 Top screen in bullet proofed glass
 Heating (with pollen protection filter)
 Radio with speakers
 Fabric covered comfort seat
 Super-comfort seat with air suspension, heater and backrest extension

Individual or single hydraulic control joystick
 Truck lighting
 Working lamps with LED technology
 Flashing beacon/rotating beacon
 Audible reversing alarm
 External, internal and panoramic mirror
 Clipboard with LED illumination
 Alternative custom paintwork
 Linde Connected Solution (Connect:)
 Alternative tyre types
 Electrical socket 12 V
 BlueSpot™

Other options available on request



Electric Counterbalanced Trucks
 Capacity 6000 - 8000 kg
 E60, E70, E80, E80/900

Series 1279

Linde Material Handling

Safety

Handling loads up to 8 tons has safety as top priority. The overhead guard forms a strong and completely enclosed protective zone providing optimum structural integrity, safety and protection to the operator. The unique mast design with its slim profiles enables an outstanding visibility and safety on load handling.

Performance

A large E-truck is expected to have a high performance traction system. Two powerful motors, maintenance free brakes and an intelligent electronic control form an impressive power pack to deliver the highest level of productivity on heavy loads. The sensitive control and the maximum speed of 16 km/h with and without load ensure a high handling rate.

Comfort

Working efficient for extended periods is only possible, if the operator feels comfortable. The ergonomic layout of all the controls, the adjustability of the armrest and seat, Linde Load Control, twin accelerator pedals and the innovative decoupling of the driver's cab provide the best possible intuitive interface between truck and operator.

Features

Compact drive axle

- Twin drive design with high performance Linde AC technology
- Automatic parking brake
- Maintenance-free oil-bath vane brake

Ease of servicing

- Simple access to oil filter and oil level gauge
- Fast accessible windscreen washer system and coolant reservoirs



Linde twin accelerator control

- Seamless, rapid reversing without repositioning the feet
- Short pedal travel
- Fatigue-free working
- Increased throughput and performance

Linde Load Control

- Safe and highly efficient load handling
- Precise and effortless fingertip joystick control of all mast functions
- Small tactile joystick integrated in an adjustable armrest

Dual motor drive

- Two powerful AC drive motors integrated in the front axle
- Active steering support through dual motor drive



Linde operator's compartment

- Ergonomic design for efficient, fatigue-free working
- Spacious operator's compartment with generous floor plate area and adjustable seat
- Reduced vibrations due to the innovative concept of decoupling the driver's cab



Clearview mast design

- Excellent view of load and surroundings through the robust and slim mast profiles
- Maximum load capacity up to the highest lifting heights
- Enormous residual capacities



Linde energy management

- Optimized energy consumption
- Accurate battery condition indicator
- Simple horizontal battery changing

Linde Material Handling

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Subject to modification in the interest of progress. Illustrations and technical details could include options and not binding for actual constructions. All dimensions subject to usual tolerances.

Technical Data according to VDI 2198

| | | Characteristics | | | |
|--------------|--|-----------------|----------------------------|----------------------------|----------------------------|
| | | 1.1 | 1.2 | 1.2a | 1.3 |
| | Manufacturer | LINDE | LINDE | LINDE | LINDE |
| | Manufacturer's type designation | E60 | E70 | E80 | E80/900 |
| | Series | 1279-00 | 1279-00 | 1279-00 | 1279-00 |
| | Power unit | Battery | Battery | Battery | Battery |
| | Operation | Seat | Seat | Seat | Seat |
| | Load capacity/Load | Q (t) | 6.0 | 7.0 | 8.0 |
| | Load centre distance | c (mm) | 600 | 600 | 900 |
| | Axle centre to fork face | x (mm) | 710 | 720 | 750 |
| | Wheelbase | y (mm) | 2300 | 2300 | 2400 |
| Weights | | | | | |
| | Service weight | (kg) | 12334 ¹⁾ | 12893 ¹⁾ | 13970 ¹⁾ |
| | Axle load with load, front/rear | (kg) | 15975 / 2359 ¹⁾ | 17879 / 2014 ¹⁾ | 19665 / 2305 ¹⁾ |
| | Axle load without load, front/rear | (kg) | 6558 / 5776 ¹⁾ | 6862 / 6031 ¹⁾ | 7074 / 6896 ¹⁾ |
| | Tyres rubber, SE, pneumatic, polyurethane | | SE | SE twin | SE twin |
| | Tyre size, front | | 355/50-20 | 8.25-15 | 315/70-15 (300-15) |
| | Tyre size, rear | | 8.25-15 | 315/70-15 (300-15) | 315/70-15 (300-15) |
| | Wheels, number front/rear (x = driven) | | 2x / 2 | 4x / 2 | 4x / 2 |
| | Track width, front | b10 (mm) | 1326 | 1514 | 1564 |
| | Track width, rear | b11 (mm) | 1406 | 1396 | 1396 |
| Wheels/Tyres | | | | | |
| | Mast/fork carriage tilt, forward/backward | a/b (°) | 5.0 / 7.5 | 5.0 / 7.5 | 5.0 / 7.5 |
| | Height of mast, lowered | h1 (mm) | 2890 | 2888 | 2885 |
| | Free lift | h2 (mm) | 150 | 150 | 150 |
| | Lift | h3 (mm) | 3850 | 3450 | 3050 |
| | Height of mast, extended | h4 (mm) | 4754 | 4545 | 4447 |
| | Height of overhead guard (cabin) | h6 (mm) | 2838 | 2838 | 2838 |
| | Height of seat/stand on platform | h7 (mm) | 1705 | 1705 | 1705 |
| | Towing coupling height | h10 (mm) | 853 | 854 | 858 |
| | Overall length | l1 (mm) | 4693 | 4703 | 5533 |
| | Length to fork face | l2 (mm) | 3493 | 3503 | 3733 |
| | Overall width | b1/b2 (mm) | 1660 / 1616 | 2004 / 1640 | 2111 / 1654 |
| | Fork dimensions DIN ISO 2331 | s/e/l (mm) | 60 x 130 x 1200 | 70 x 150 x 1200 | 70 x 150 x 1200 |
| | Fork carriage to ISO 2328, class/type A, B | | 4A | 4A | 4A |
| | Width of fork carriage | b3 (mm) | 1600 | 1800 | 2180 |
| | Ground clearance, below mast | m1 (mm) | 228 | 220 | 220 |
| | Ground clearance, centre of wheelbase | m2 (mm) | 214 | 210 | 210 |
| | Aisle width for pallets 1000 x 1200 crossways | Ast (mm) | 4910 ²⁾ | 4920 ²⁾ | 5155 ²⁾ |
| | Aisle width with pallet 800 x 1200 along forks | Ast (mm) | 5110 ²⁾ | 5120 ²⁾ | 5355 ²⁾ |
| | Turning radius | Wa (mm) | 3000 | 3000 | 3205 |
| | Minimum pivoting point distance | b13 (mm) | 877 | 877 | 930 |
| Dimensions | | | | | |
| | Travel speed, with/without load | (km/h) | 16 / 16 | 16 / 16 | 16 / 16 |
| | Lifting speed, with/without load | (m/s) | 0.38 / 0.46 | 0.32 / 0.46 | 0.3 / 0.46 |
| | Lowering speed, with/without load | (m/s) | 0.54 / 0.5 | 0.56 / 0.45 | 0.56 / 0.45 |
| | Maximum tractive force, with/without load | (N) | 43000 / 43000 | 43000 / 43000 | 43000 / 43000 |
| | Climbing ability, with/without load | (%) | 16.4 / 24.6 | 14.9 / 23.0 | 13.4 / 21.1 |
| | Maximum climbing ability, with/without load | (%) | 19.0 / 29.0 | 18.0 / 27.0 | 16.0 / 25.0 |
| | Acceleration time, with/without load | (s) | 5.7 / 5.3 | 5.9 / 5.5 | 6.4 / 6.0 |
| | Service brake | | hydr./mech. | hydr./mech. | hydr./mech. |
| | Drive motor rating S2 60 min | (kW) | 2x 10.5 ³⁾ | 2x 10.5 ³⁾ | 2x 10.5 ³⁾ |
| | Lift motor rating at S3 15% | (kW) | 2x 21 | 2x 21 | 2x 21 |
| | Battery according to DIN 43531/35/36 A,B,C,no | | 43 536 / A | 43 536 / A | 43 536 / A |
| | Battery voltage/rated capacity (5h) | (V)/(Ah) | 80 / 1240 | 80 / 1240 | 80 / 1240 |
| | Battery weight (+ 5%) | (kg) | 2785 | 2785 | 2785 |
| | Power consumption according to VDI cycle | (kWh/h) | 15.9 | 16.7 | 18.3 |
| | Operating pressure for attachments | (bar) | 265 + 5 | 265 + 5 | 265 + 5 |
| | Oil flow for attachments | (l/min) | 85 | 85 | 85 |
| | Sound pressure level LpAZ (at the driver's seat) | (dB(A)) | <65 | <65 | <65 |
| Performance | | | | | |
| | Drive | | | | |
| | Others | | | | |

1) Figures with battery, see line 6.4/6.5.
2) Including a 200 mm (min.) operating aisle clearance.

3) Power consumption with 45 working cycles per hour see 6.6

Load Capacity Diagrams

