



Electric Counterbalance Trucks

E35 – E50

Capacity 3.5 t – 5.0 t | Series 1254

PB ION H₂

Zero-emissions powerhouse

- Versatile application thanks to wide variety of models, broad range of standard equipment and extensive range of options
- Linde combi steer axle and twin motor front-wheel drive for outstanding manoeuvrability even in tight spaces
- Twin or single pedal control and Linde Load Control for precise, fatigue-free load handling
- Safe operation thanks to outstanding visibility and wide range of safety options
- Available with lead-acid or lithium-ion battery and hydrogen fuel cell
- Li-ION ready-truck can be switched from lead-acid to lithium-ion battery at any time

TECHNICAL DATA (according to VDI 2198)

| | 1.1 | | Linde MH | Linde MH | Linde MH | Linde MH | Linde MH | |
|-----------------|---|---|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | 1.2 | Manufacturer (short name) | E35/600 H | E40/600 H | E40/600 HL | E45/600 H | E45/600 HL | |
| Characteristics | 1.2a | Manufacturer's model designation | | | | | | |
| | 1.2a | Series | 1254-01 | 1254-01 | 1254-01 | 1254-01 | 1254-01 | |
| | 1.3 | Drive | Battery | Battery | Battery | Battery | Battery | |
| | 1.4 | Operation | Seated | Seated | Seated | Seated | Seated | |
| | 1.5 | Load capacity/load | Q (t) | 3.5 | 4.0 | 4.0 | 4.5 | 4.5 |
| | 1.6 | Load centre distance | c (mm) | 600 | 600 | 600 | 600 | 600 |
| | 1.8 | Load spacing | x (mm) | 500.2 | 510.2 | 510.2 | 510.2 | 510.2 |
| | 1.9 | Wheel base | y (mm) | 1925 | 1925 | 2070 | 1925 | 2070 |
| | Weights | 2.1 | Empty weight | kg | 6687 ¹⁾ | 7033 ¹⁾ | 7092 ¹⁾ | 7512 ¹⁾ |
| 2.2 | | Axle load with load, front/rear | kg | 9042/1145 | 9905/1128 | 9917/1175 | 10,727/1285 | 10,702/1233 |
| 2.3 | | Axle weight without front/rear load | kg | 3542/3145 ¹⁾ | 3598/3435 ¹⁾ | 3772/3320 ¹⁾ | 3632/3880 ¹⁾ | 3789/3646 ¹⁾ |
| Wheels/Tyres | 3.1 | Tyres solid rubber, SE, pneumatic, polyurethane | | SE | SE | SE | SE | SE |
| | 3.2 | Tyre size, front | | 355/50-15 | 355/50-15 | 355/50-15 | 355/50-15 | 355/50-15 |
| | 3.3 | Tyre size, rear | | 225/75-10 (23x9-10) |
| | 3.5 | Wheels, number front/rear (x = driven) | | 2x/2 | 2x/2 | 2x/2 | 2x/2 | 2x/2 |
| | 3.6 | Track width, front | b10 (mm) | 1159 | 1159 | 1159 | 1159 | 1159 |
| | 3.7 | Track width, rear | b11 (mm) | 1081 | 1081 | 1081 | 1081 | 1081 |
| | Dimensions | 4.1 | Mast/fork carriage tilt, forward/backward | α/β (°) | 5.0/8.0 | 5.0/8.0 | 5.0/8.0 | 5.0/8.0 |
| 4.2 | | Height of mast, lowered | h1 (mm) | 2419 | 2419 | 2419 | 2419 | 2419 |
| 4.3 | | Free lift | h2 (mm) | 150 | 150 | 150 | 150 | 150 |
| 4.4 | | Lift | h3 (mm) | 3100 | 3100 | 3100 | 3100 | 3100 |
| 4.5 | | Height of mast, extended | h4 (mm) | 4017 | 4017 | 4017 | 4017 | 4017 |
| 4.7 | | Height above overhead guard (cabin) | h6 (mm) | 2415 | 2415 | 2415 | 2415 | 2415 |
| 4.8 | | Seat height relative to SIP/stand height | h7 (mm) | 1294 | 1294 | 1292 | 1294 | 1292 |
| 4.12 | | Clutch height | h10 (mm) | 677 | 676 | 676 | 676 | 675 |
| 4.19 | | Overall length | l1 (mm) | 3966 | 3976 | 4101 | 3976 | 4101 |
| 4.20 | | Length including fork backs | l2 (mm) | 2766 | 2776 | 2901 | 2776 | 2901 |
| 4.21 | | Overall width | b1/b2 (mm) | 1454 | 1454 | 1454 | 1454 | 1454 |
| 4.22 | | Prong dimensions DIN ISO 2331 | s/e/l (mm) | 50 × 120 × 1200 | 60 × 130 × 1200 | 60 × 130 × 1200 | 60 × 130 × 1200 | 60 × 130 × 1200 |
| 4.23 | | Fork carriage ISO 2328, class/type A, B | | 3A | 3A | 3A | 3A | 3A |
| 4.24 | | Fork carriage width | b3 (mm) | 1350 | 1350 | 1350 | 1350 | 1350 |
| 4.31 | | Ground clearance under mast | m1 (mm) | 159 | 159 | 159 | 158 | 158 |
| 4.32 | | Ground clearance, centre of wheelbase | m2 (mm) | 162 | 161 | 161 | 160 | 160 |
| 4.34.1 | | Working aisle width for pallet 1000 × 1200 crossways | Ast (mm) | 4082 ²⁾ | 4091 ²⁾ | 4216 ²⁾ | 4091 ²⁾ | 4216 ²⁾ |
| 4.34.2 | | Working aisle width with pallet 800 × 1200 lengthways | Ast (mm) | 4213 ²⁾ | 4222 ²⁾ | 4347 ²⁾ | 4222 ²⁾ | 4347 ²⁾ |
| 4.35 | | Turning radius | Wa (mm) | 2266 | 2266 | 2391 | 2266 | 2391 |
| 4.36 | | Smallest pivoting distance | b13 (mm) | 0 | 0 | 0 | 0 | 0 |
| Performance | | 5.1 | Travel speed, with/without load | km/h | 20/20 | 20/20 | 20/20 | 20/20 |
| | 5.2 | Lifting speed, with/without load | m/s | 0.51/0.55 | 0.47/0.55 | 0.47/0.55 | 0.43/0.55 | 0.43/0.55 |
| | 5.3 | Lowering speed, with/without load | m/s | 0.54/0.55 | 0.55/0.55 | 0.55/0.55 | 0.55/0.55 | 0.55/0.55 |
| | 5.5 | Tractive force, with/without load | N | 6500/6500 | 6500/6500 | 6500/6500 | 6500/6500 | 6500/6500 |
| | 5.6 | Maximum tractive force, with/without load | N | 19,000/19,000 | 19,000/19,000 | 19,000/19,000 | 19,000/19,000 | 19,000/19,000 |
| | 5.7 | Climbing ability, with/without load | % | 11.0/19.0 | 10.0/18.0 | 10.0/17.0 | 9.0/16.0 | 9.0/16.0 |
| | 5.8 | Maximum climbing ability, with/without load | % | 19.2/31.2 | 17.5/29.4 | 17.4/29.1 | 15.9/27.2 | 16.0/27.6 |
| | 5.9 | Acceleration time, with/without load | s | 5.7/5.0 | 5.9/5.0 | 5.9/5.1 | 6.1/5.2 | 6.0/5.1 |
| | 5.10 | Service brake | | mech./elect. | mech./elect. | mech./elect. | mech./elect. | mech./elect. |
| | Drive | 6.1 | Drive motor, output with S2 60 min | kW | 2x 12.5 | 2x 12.5 | 2x 12.5 | 2x 12.5 |
| 6.2 | | Lift motor rating at S3 15% | kW | 28 | 28 | 28 | 28 | 28 |
| 6.3 | | Battery compliant with DIN 43531/35/36 A, B, C, no | | 43 536 A |
| 6.4 | | Battery voltage/nominal capacity K5 | (V)/(Ah) or kWh | 80/775 | 80/775 | 80/930 | 80/775 | 80/930 |
| 6.4a | | Battery energy content | kWh | 49.6 | 49.6 | 59.52 | 49.6 | 59.52 |
| 6.5 | | Battery weight (±5%) | kg | 1863 | 1863 | 2178 | 1863 | 2178 |
| 6.6 | | Energy consumption according to EN 16796 | kWh/h | 8.5 | 9 | 9.1 | 9.4 | 9.5 |
| 6.6.1 | | CO2 equivalent compliant with EN 16796 | kg/h | 4.59 | 4.86 | 4.92 | 5.08 | 5.13 |
| 6.7 | Turnover output compliant with VDI 2198 | t/h | 261.0 | 296.0 | 296.0 | 330.0 | 331.0 | |
| 6.8 | Turnover efficiency compliant with VDI 2198 | t/kWh | 27.5 | 29.4 | 30.1 | 31.3 | 32.3 | |
| Others | 8.1 | Type of drive unit | | Microprocessor | Microprocessor | Microprocessor | Microprocessor | Microprocessor |
| | 10.1 | Working pressure for accessory equipment | bar | 170 | 170 | 170 | 170 | 170 |
| | 10.2 | Oil volume for accessory equipment | l/min | 55 | 55 | 55 | 55 | 55 |
| | 10.7 | Sound pressure level LpAZ (at the operator's seat) | dB(A) | 72 | 72 | 72 | 72 | 72 |
| | 10.8 | Towing coupling, design/type, DIN 15 170 | | Similar DIN 15170-H |
| 11.2 | Stability | | 1.57 | 1.49 | 1.55 | 1.5 | 1.51 | |

1) incl. battery, lines 6.4/6.5.

2) incl. a = 200 mm safety distance

TECHNICAL DATA (according to VDI 2198)

| Characteristics | 1.1 | Manufacturer (short name) | | Linde MH |
|-----------------|---|---|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | 1.2 | Manufacturer's model designation | | E50/500 HL | E50/600 HL | E40/600 H Beverage | E45/600 HL Beverage | E50/500 HL Beverage |
| | 1.2a | Series | | 1254-01 | 1254-01 | 1254-01 | 1254-01 | 1254-01 |
| | 1.3 | Drive | | Battery | Battery | Battery | Battery | Battery |
| | 1.4 | Operation | | Seated | Seated | Seated | Seated | Seated |
| | 1.5 | Load capacity/load | Q (t) | 4.99 | 4.99 | 4.0 | 4.5 | 4.99 |
| | 1.6 | Load centre distance | c (mm) | 500 | 600 | 600 | 600 | 500 |
| | 1.8 | Load spacing | x (mm) | 510.2 | 510.2 | 510.2 | 510.2 | 510.2 |
| | 1.9 | Wheel base | y (mm) | 2070 | 2070 | 1925 | 2070 | 2070 |
| Weights | 2.1 | Empty weight | kg | 7412 ¹⁾ | 7855 ¹⁾ | 7507 ¹⁾ | 7910 ¹⁾ | 7909 ¹⁾ |
| | 2.2 | Axle load with load, front/rear | kg | 11,175/1227 | 11,470/1375 | 10,161/1346 | 10,971/1439 | 11,470/1429 |
| | 2.3 | Axle weight without front/rear load | kg | 3750/3662 ¹⁾ | 3804/4051 ¹⁾ | 3854/3653 ¹⁾ | 4058/3852 ¹⁾ | 4045/3864 ¹⁾ |
| Wheels/Tyres | 3.1 | Tyres solid rubber, SE, pneumatic, polyurethane | | SE | SE | SE | SE | SE |
| | 3.2 | Tyre size, front | | 355/50-15 | 355/50-15 | 355/50-15 | 355/50-15 | 355/50-15 |
| | 3.3 | Tyre size, rear | | 225/75-10 (23x9-10) |
| | 3.5 | Wheels, number front/rear (x = driven) | | 2x/2 | 2x/2 | 2x/2 | 2x/2 | 2x/2 |
| | 3.6 | Track width, front | b10 (mm) | 1159 | 1159 | 1159 | 1159 | 1159 |
| | 3.7 | Track width, rear | b11 (mm) | 1081 | 1081 | 1081 | 1081 | 1081 |
| | Dimensions | 4.1 | Mast/fork carriage tilt, forward/backward | α/β (°) | 5.0/8.0 | 5.0/8.0 | 5.0/8.0 | 5.0/8.0 |
| 4.2 | | Height of mast, lowered | h1 (mm) | 2419 | 2419 | 2919 | 2919 | 3019 |
| 4.3 | | Free lift | h2 (mm) | 150 | 150 | 150 | 150 | 150 |
| 4.4 | | Lift | h3 (mm) | 2900 | 2900 | 4100 | 4100 | 4100 |
| 4.5 | | Height of mast, extended | h4 (mm) | 3917 | 3917 | 5017 | 5017 | 5117 |
| 4.7 | | Height above overhead guard (cabin) | h6 (mm) | 2415 | 2415 | 2815 | 2815 | 2815 |
| 4.8 | | Seat height relative to SIP/stand height | h7 (mm) | 1292 | 1292 | 1692 | 1692 | 1692 |
| 4.12 | | Clutch height | h10 (mm) | 675 | 674 | 675 | 675 | 675 |
| 4.19 | | Overall length | l1 (mm) | 3901 | 4121 | 3976 | 4101 | 3901 |
| 4.20 | | Length including fork backs | l2 (mm) | 2901 | 2921 | 2776 | 2901 | 2901 |
| 4.21 | | Overall width | b1/b2 (mm) | 1454 | 1454 | 1454 | 1454 | 1454 |
| 4.22 | | Prong dimensions DIN ISO 2331 | s/e/l (mm) | 60 × 130 × 1000 | 60 × 130 × 1200 | 60 × 130 × 1200 | 60 × 130 × 1200 | 60 × 130 × 1000 |
| 4.23 | | Fork carriage ISO 2328, class/type A, B | | 3A | 3A | 3A | 3A | 3A |
| 4.24 | | Fork carriage width | b3 (mm) | 1350 | 1350 | 1350 | 1350 | 1350 |
| 4.31 | | Ground clearance under mast | m1 (mm) | 158 | 158 | 159 | 158 | 158 |
| 4.32 | | Ground clearance, centre of wheelbase | m2 (mm) | 160 | 160 | 161 | 160 | 160 |
| 4.34.1 | | Working aisle width for pallet 1000 × 1200 crossways | Ast (mm) | 4216 ²⁾ | 4236 ²⁾ | 4091 ²⁾ | 4216 ²⁾ | 4216 ²⁾ |
| 4.34.2 | | Working aisle width with pallet 800 × 1200 lengthways | Ast (mm) | 4347 ²⁾ | 4367 ²⁾ | 4222 ²⁾ | 4347 ²⁾ | 4347 ²⁾ |
| 4.35 | | Turning radius | Wa (mm) | 2391 | 2411 | 2266 | 2391 | 2391 |
| 4.36 | Smallest pivoting distance | b13 (mm) | 0 | 0 | 0 | 0 | 0 | |
| Performance | 5.1 | Travel speed, with/without load | km/h | 20/20 | 20/20 | 20/20 | 20/20 | 20/20 |
| | 5.2 | Lifting speed, with/without load | m/s | 0.39/0.51 | 0.39/0.51 | 0.47/0.55 | 0.43/0.55 | 0.39/0.51 |
| | 5.3 | Lowering speed, with/without load | m/s | 0.54/0.56 | 0.54/0.56 | 0.55/0.55 | 0.55/0.55 | 0.54/0.56 |
| | 5.5 | Tractive force, with/without load | N | 6500/6500 | 6500/6500 | 6500/6500 | 6500/6500 | 6500/6500 |
| | 5.6 | Maximum tractive force, with/without load | N | 19,000/19,000 | 19,000/19,000 | 19,000/19,000 | 19,000/19,000 | 19,000/19,000 |
| | 5.7 | Climbing ability, with/without load | % | 9.0/17.0 | 9.0/15.0 | 10.0/16.0 | 9.0/15.0 | 9.0/15.0 |
| | 5.8 | Maximum climbing ability, with/without load | % | 15.3/27.7 | 14.7/25.9 | 16.7/27.3 | 15.3/25.7 | 14.6/25.7 |
| | 5.9 | Acceleration time, with/without load | s | 6.1/5.1 | 6.2/5.2 | 5.9/5.1 | 6.1/5.2 | 6.2/5.2 |
| | 5.10 | Service brake | | mech./elect. | mech./elect. | mech./elect. | mech./elect. | mech./elect. |
| | Drive | 6.1 | Drive motor, output with S2 60 min | kW | 2x 12.5 | 2x 12.5 | 2x 12.5 | 2x 12.5 |
| 6.2 | | Lift motor rating at S3 15% | kW | 28 | 28 | 28 | 28 | 28 |
| 6.3 | | Battery compliant with DIN 43531/35/36 A, B, C, no | | 43 536 A |
| 6.4 | | Battery voltage/nominal capacity K5 | (V)/(Ah) or kWh | 80/930 | 80/930 | 80/775 | 80/930 | 80/930 |
| 6.4a | | Battery energy content | kWh | 59.52 | 59.52 | 49.6 | 59.52 | 59.52 |
| 6.5 | | Battery weight (+5%) | kg | 2178 | 2178 | 1863 | 2178 | 2178 |
| 6.6 | | Energy consumption according to EN 16796 | kWh/h | 10 | 10.4 | 9.3 | 9.6 | 10.4 |
| 6.6.1 | | CO2 equivalent compliant with EN 16796 | kg/h | 5.4 | 5.62 | 5.03 | 5.19 | 5.62 |
| 6.7 | Turnover output compliant with VDI 2198 | t/h | 350.0 | 343.0 | 295.0 | 306.0 | 348.0 | |
| 6.8 | Turnover efficiency compliant with VDI 2198 | t/kWh | 33.0 | 31.3 | 29.3 | 29.2 | 31.7 | |
| Others | 8.1 | Type of drive unit | | Microprocessor | Microprocessor | Microprocessor | Microprocessor | Microprocessor |
| | 10.1 | Working pressure for accessory equipment | bar | 170 | 170 | 170 | 170 | 170 |
| | 10.2 | Oil volume for accessory equipment | l/min | 55 | 55 | 55 | 55 | 55 |
| | 10.7 | Sound pressure level LpAZ (at the operator's seat) | dB(A) | 72 | 72 | 72 | 72 | 72 |
| | 10.8 | Towing coupling, design/type, DIN 15 170 | | Similar DIN 15170-H |
| 11.2 | Stability | | 1.5 | 1.51 | 1.58 | 1.6 | 1.59 | |

1) incl. battery, lines 6.4/6.5.

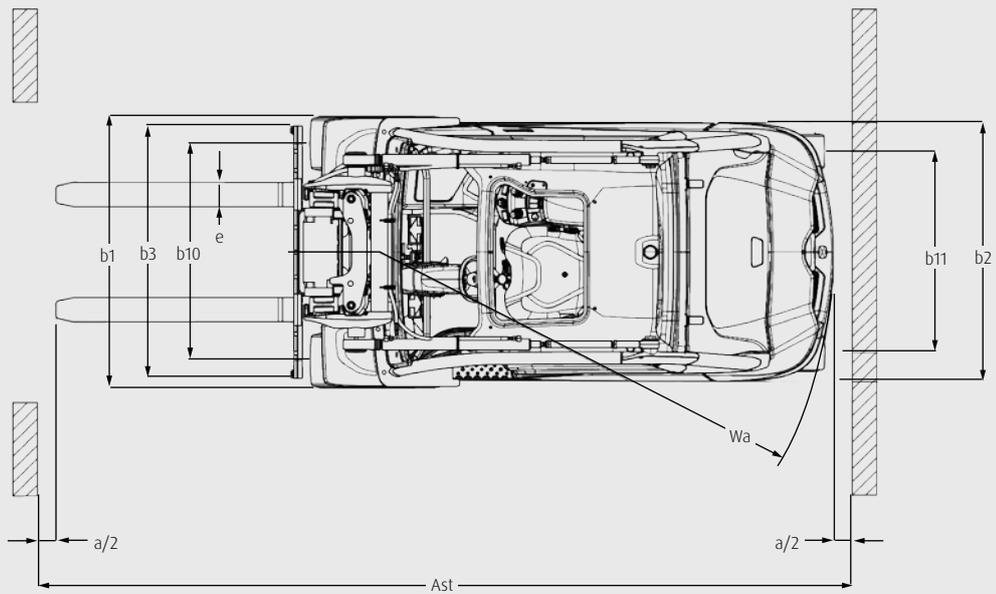
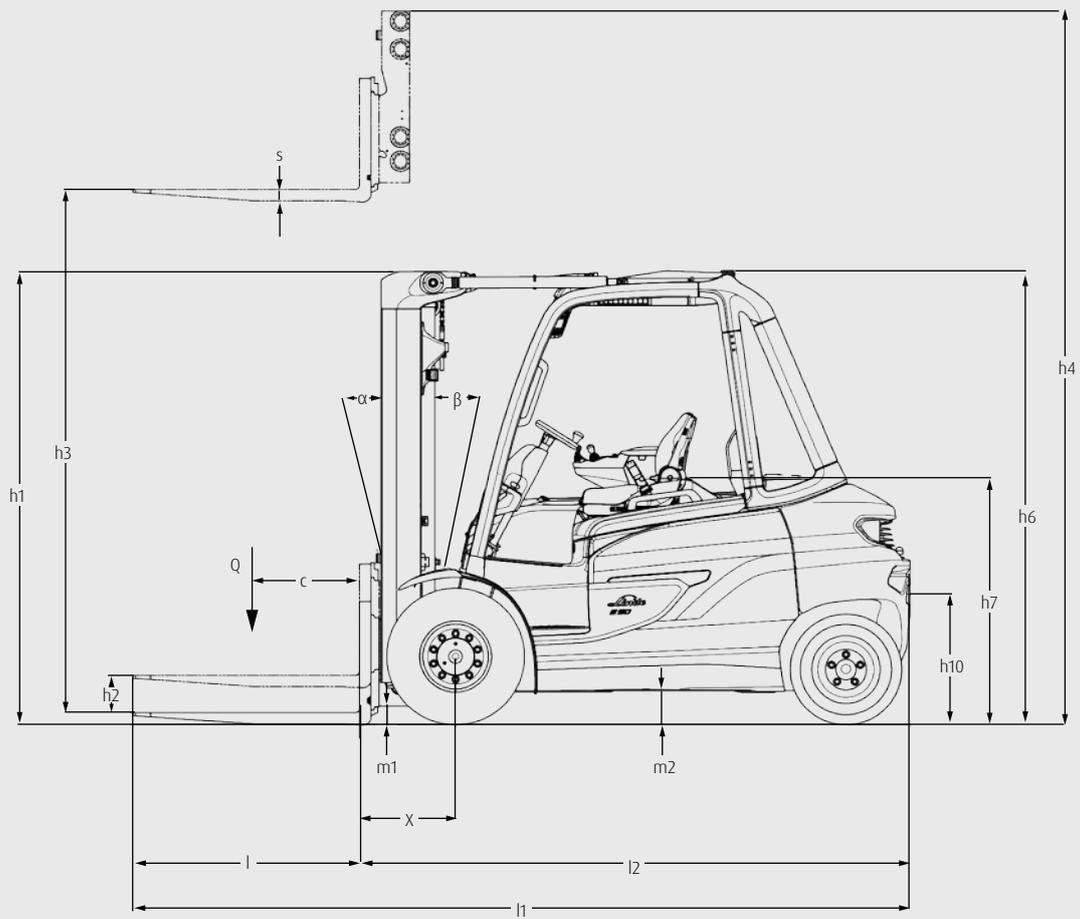
2) incl. a = 200 mm safety distance

TECHNICAL DATA (according to VDI 2198)

| Characteristics | 1.1 | Manufacturer (short name) | | Linde MH | Linde MH | Linde MH |
|-----------------|---|---|---|-----------------------------|-----------------------------|-----------------------------|
| | 1.2 | Manufacturer's model designation | | E40/600 HL Container | E45/600 HL Container | E50/600 HL Container |
| | 1.2a | Series | | 1254-01 | 1254-01 | 1254-01 |
| | 1.3 | Drive | | Battery | Battery | Battery |
| | 1.4 | Operation | | Seated | Seated | Seated |
| | 1.5 | Load capacity/load | Q (t) | 4.0 | 4.5 | 4.99 |
| | 1.6 | Load centre distance | c (mm) | 600 | 600 | 600 |
| | 1.8 | Load spacing | x (mm) | 510.2 | 510.2 | 510.2 |
| | 1.9 | Wheel base | y (mm) | 2070 | 2070 | 2070 |
| Weights | 2.1 | Empty weight | kg | 7033 ¹⁾ | 7378 ¹⁾ | 7796 ¹⁾ |
| | 2.2 | Axle load with load, front/rear | kg | 9854/1179 | 10,640/1238 | 11,407/1379 |
| | 2.3 | Axle weight without front/rear load | kg | 3709/3324 ¹⁾ | 3727/3651 ¹⁾ | 3741/4055 ¹⁾ |
| Wheels/Tyres | 3.1 | Tyres solid rubber, SE, pneumatic, polyurethane | | SE | SE | SE |
| | 3.2 | Tyre size, front | | 355/45-15(28x12.5-15) | 355/45-15(28x12.5-15) | 355/45-15(28x12.5-15) |
| | 3.3 | Tyre size, rear | | 225/75-10 (23x9-10) | 225/75-10 (23x9-10) | 225/75-10 (23x9-10) |
| | 3.5 | Wheels, number front/rear (x = driven) | | 2x/2 | 2x/2 | 2x/2 |
| | 3.6 | Track width, front | b10 (mm) | 1159 | 1159 | 1159 |
| | 3.7 | Track width, rear | b11 (mm) | 1081 | 1081 | 1081 |
| | Dimensions | 4.1 | Mast/fork carriage tilt, forward/backward | α/β (°) | 5.0/8.0 | 5.0/7.0 |
| 4.2 | | Height of mast, lowered | h1 (mm) | 2206 | 2206 | 2206 |
| 4.3 | | Free lift | h2 (mm) | 150 | 150 | 150 |
| 4.4 | | Lift | h3 (mm) | 2700 | 2700 | 2500 |
| 4.5 | | Height of mast, extended | h4 (mm) | 3604 | 3604 | 3504 |
| 4.7 | | Height above overhead guard (cabin) | h6 (mm) | 2210 | 2210 | 2210 |
| 4.8 | | Seat height relative to SIP/stand height | h7 (mm) | 1269 | 1269 | 1269 |
| 4.12 | | Clutch height | h10 (mm) | 678 | 677 | 676 |
| 4.19 | | Overall length | l1 (mm) | 4101 | 4101 | 4121 |
| 4.20 | | Length including fork backs | l2 (mm) | 2901 | 2901 | 2921 |
| 4.21 | | Overall width | b1/b2 (mm) | 1454 | 1454 | 1454 |
| 4.22 | | Prong dimensions DIN ISO 2331 | s/e/l (mm) | 60 × 130 × 1200 | 60 × 130 × 1200 | 60 × 130 × 1200 |
| 4.23 | | Fork carriage ISO 2328, class/type A, B | | 3A | 3A | 3A |
| 4.24 | | Fork carriage width | b3 (mm) | 1350 | 1350 | 1350 |
| 4.31 | | Ground clearance under mast | m1 (mm) | 148 | 147 | 146 |
| 4.32 | | Ground clearance, centre of wheelbase | m2 (mm) | 153 | 153 | 153 |
| 4.34.1 | | Working aisle width for pallet 1000 × 1200 crossways | Ast (mm) | 4216 ²⁾ | 4216 ²⁾ | 4236 ²⁾ |
| 4.34.2 | | Working aisle width with pallet 800 × 1200 lengthways | Ast (mm) | 4347 ²⁾ | 4347 ²⁾ | 4367 ²⁾ |
| 4.35 | | Turning radius | Wa (mm) | 2391 | 2391 | 2411 |
| 4.36 | | Smallest pivoting distance | b13 (mm) | 0 | 0 | 0 |
| Performance | | 5.1 | Travel speed, with/without load | km/h | 20/20 | 20/20 |
| | 5.2 | Lifting speed, with/without load | m/s | 0.47/0.55 | 0.43/0.55 | 0.39/0.51 |
| | 5.3 | Lowering speed, with/without load | m/s | 0.55/0.55 | 0.55/0.55 | 0.54/0.56 |
| | 5.5 | Tractive force, with/without load | N | 6500/6500 | 6500/6500 | 6500/6500 |
| | 5.6 | Maximum tractive force, with/without load | N | 19,000/19,000 | 19,000/19,000 | 19,000/19,000 |
| | 5.7 | Climbing ability, with/without load | % | 11.0/18.0 | 10.0/17.0 | 9.0/16.0 |
| | 5.8 | Maximum climbing ability, with/without load | % | 18.1/30.4 | 16.6/28.8 | 15.3/27.0 |
| | 5.9 | Acceleration time, with/without load | s | 5.9/5.0 | 6.0/5.1 | 6.2/5.2 |
| | 5.10 | Service brake | | mech./elect. | mech./elect. | mech./elect. |
| | Drive | 6.1 | Drive motor, output with S2 60 min | kW | 2x 12.5 | 2x 12.5 |
| 6.2 | | Lift motor rating at S3 15% | kW | 28 | 28 | 28 |
| 6.3 | | Battery compliant with DIN 43531/35/36 A, B, C, no | | 43 536 A | 43 536 A | 43 536 A |
| 6.4 | | Battery voltage/nominal capacity K5 | (V)/(Ah) or kWh | 80/930 | 80/930 | 80/930 |
| 6.4a | | Battery energy content | kWh | 59.52 | 59.52 | 59.52 |
| 6.5 | | Battery weight (±5%) | kg | 2178 | 2178 | 2178 |
| 6.6 | | Energy consumption according to EN 16796 | kWh/h | 9 | 9.4 | 10.4 |
| 6.6.1 | | CO2 equivalent compliant with EN 16796 | kg/h | 4.86 | 5.08 | 5.62 |
| 6.7 | Turnover output compliant with VDI 2198 | t/h | 275.0 | 308.0 | 343.0 | |
| 6.8 | Turnover efficiency compliant with VDI 2198 | t/kWh | 28 | 30.1 | 31.4 | |
| Others | 8.1 | Type of drive unit | | Microprocessor | Microprocessor | Microprocessor |
| | 10.1 | Working pressure for accessory equipment | bar | 170 | 170 | 170 |
| | 10.2 | Oil volume for accessory equipment | l/min | 55 | 55 | 55 |
| | 10.7 | Sound pressure level LpAZ (at the operator's seat) | dB(A) | 72 | 72 | 72 |
| | 10.8 | Towing coupling, design/type, DIN 15 170 | | Similar DIN 15170-H | Similar DIN 15170-H | Similar DIN 15170-H |
| 11.2 | Stability | | 1.55 | 1.51 | 1.52 | |

1) incl. battery, lines 6.4/6.5.

2) incl. a = 200 mm safety distance



MAST TABLES

STANDARD MAST (in mm)

| Series | 1534 | | | | | | |
|---|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Lift | h3: 2700 ¹⁾ | h3: 3100 | h3: 3200 | h3: 3700 | h3: 4100 | h3: 4400 | h3: 5000 |
| Height measurements | h1: 2210 h2: 150 h4: 3605 | h1: 2420 h2: 150 h4: 4020 | h1: 2470 h2: 150 h4: 4120 | h1: 2720 h2: 150 h4: 4620 | h1: 2920 h2: 150 h4: 5020 | h1: 3070 h2: 150 h4: 5320 | h1: 3370 h2: 150 h4: 5920 |
| Manufacturer's model designation | | | | | | | |
| E35/600 H | — | ○ | ○ | ○ | ○ | ○ | ○ |
| E40/600 H/HL | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| E45/600 H/HL | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| E40/600 H Beverage (Container) | — | — | — | — | ○ | ○ | — |
| E45/600 HL Beverage (Container) | — | — | — | — | ○ | ○ | — |
| Lift | h3: 2500 ¹⁾ | h3: 2900 | h3: 3200 | h3: 3700 | h3: 4100 | h3: 4400 | h3: 5000 |
| Height measurements | h1: 2210 h2: 150 h4: 3505 | h1: 2420 h2: 150 h4: 3920 | h1: 2570 h2: 150 h4: 4220 | h1: 2820 h2: 150 h4: 4720 | h1: 3020 h2: 150 h4: 5120 | h1: 3170 h2: 150 h4: 5420 | h1: 3470 h2: 150 h4: 6020 |
| Manufacturer's model designation | | | | | | | |
| E50/500 HL | — | ○ | ○ | ○ | ○ | ○ | ○ |
| E50/600 HL | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| E50/500 HL Beverage (Container) | — | — | — | — | ○ | ○ | — |

DUPLEX MAST (in mm)

| Series | 1534 | | |
|---|-------------------------------|-------------------------------|-------------------------------|
| Lift | h3: 2730 ¹⁾ | h3: 3130 | h3: 3730 |
| Height measurements | h1: 2170 h2: 1225 h4: 3665 | h1: 2380 h2: 1425 h4: 4080 | h1: 2680 h2: 1725 h4: 4680 |
| Manufacturer's model designation | | | |
| E35/600 H | — | ○ | ○ |
| E40/600 H/HL | ○ | ○ | ○ |
| E45/600 H/HL | ○ | ○ | ○ |

| Series | 1534 | | |
|---|-------------------------------|-------------------------------|-------------------------------|
| Lift | h3: 2530 ¹⁾ | h3: 3130 | h3: 3730 |
| Height measurements | h1: 2170 h2: 1125 h4: 3565 | h1: 2480 h2: 1425 h4: 4180 | h1: 2780 h2: 1725 h4: 4780 |
| Manufacturer's model designation | | | |
| E50/500 HL | — | ○ | ○ |
| E50/600 HL | ○ | ○ | ○ |

TRIPLEX MAST (in mm)

| Series | 1534 | | | | |
|---|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Lift | h3: 4075 ¹⁾ | h3: 4675 | h3: 5365 | h3: 5865 | h3: 6315 |
| Height measurements | h1: 2160 h2: 1225 h4: 5005 | h1: 2380 h2: 1425 h4: 5620 | h1: 2630 h2: 1675 h4: 6310 | h1: 2830 h2: 1875 h4: 6810 | h1: 2980 h2: 2025 h4: 7260 |
| Manufacturer's model designation | | | | | |
| E35/600 H | — | ○ | ○ | — | ○ |
| E40/600 H/HL | ○ | ○ | ○ | — | ○ |
| E45/600 H/HL | ○ | ○ | ○ | — | ○ |
| E40/600 H Beverage (Container) | — | — | — | ○ | — |
| E45/600 HL Beverage (Container) | — | — | — | ○ | — |
| Lift | h3: 3775 ¹⁾ | h3: 4375 | h3: 4615 | h3: 5565 | h3: 6015 |
| Height measurements | h1: 2170 h2: 1175 h4: 4760 | h1: 2375 h2: 1375 h4: 5375 | h1: 2475 h2: 1475 h4: 5615 | h1: 2825 h2: 1825 h4: 6565 | h1: 2975 h2: 1975 h4: 7015 |
| Manufacturer's model designation | | | | | |
| E50/500 HL | — | ○ | ○ | — | — |
| E50/600 HL | ○ | ○ | ○ | — | — |
| E50/500 HL Beverage (Container) | — | — | — | ○ | ○ |

1) Container version ○ Optional equipment — Not available

h1: Height of mast, lowered **h2:** Free lift **h3:** Lift **h4:** Height of mast, extended

Figures for other equipment and triplex masts on request

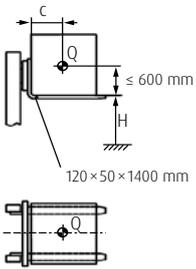
STANDARD AND OPTIONAL EQUIPMENT

| | Model/Equipment | E35 – E50 |
|--|--|---|
| Workplace | Innovative isolation concept featuring ring bearings between chassis and drive axle for minimal human vibrations | ● |
| | Ergonomic and safe on/off access due to low non-slip step and handles on the A-pillar and battery cover | ● |
| | Comfort overhead guard for maximum headroom | ● |
| | Fully integrated, powerful heating/air conditioning incl. demisting function | ○ |
| | Operator's seat – quick, easy mechanical weight adjustment | ● |
| | Different operator's seat options: heated seats, air suspension, fore/aft suspension, swivelling seat | ○ |
| | Steering column with tilt adjustment | ○ |
| | 3.5" LED colour display with steering angle and tilt angle display | ● |
| | 7" LED multifunction colour display integrates additional functions such as cameras and Linde Safety Pilot; Linde Reverse Assist | ○ |
| | Armoured glass top screen | ○ |
| | Light metal doors with wide-opening window | ○ |
| | Radio incl. DAB+, MP3 player and Bluetooth hands-free kit | ○ |
| | Drive and Brake System | Twin motor front-wheel drive with electronic traction control |
| Synchronous Reluctance Motors (SRM) for maximum efficiency in traction and lifting functions | | ● |
| Choice of operating settings – economy, efficiency and performance – for individual performance adjustment | | ● |
| Automatic parking brake | | ● |
| Axles and Tyres | Linde combi steering axle – optimum manoeuvrability in the tightest spaces | ● |
| | Super-Elastic (SE) tyres | ● |
| | Closed shoulder (CS 20) tyres | ○ |
| | Non-marking SE tyres with anti-static strap | ○ |
| | Dirt deflectors/mud guards, front and rear | ○ |
| Mast | High mounted tilt cylinders with maintenance-free bearings | ● |
| | Optimum visibility due to asymmetric nested mast profiles on standard, duplex and triplex masts | ● |
| | Electronically damped tilt stop | ● |
| | Load damping for high degree of driving comfort and load protection | ○ |
| Attachments/ Forks | Reinforced Linde forks – easy to adjust and long service life | ○ |
| | Roller-guided integral side shift carriage provides full nominal load capacity | ○ |
| | Integral fork positioner "VIEW" for high residual load capacity and optimum visibility | ○ |
| Safety | Linde Curve Assist – automatic reduction of travel speed around corners | ● |
| | Linde Load Assist – active intervention in forward tilt and lift speed increases safety at high lift heights | ● |
| | Electrical safety belt and/or door monitoring | ● |
| | Linde Safety Pilot – load-dependent driving and lifting speed regulation with additional functions | ○ |
| | Linde Safety Guard – warning between trucks, trucks/pedestrians and zone-dependent driving speeds | ○ |
| | Reverse Assist Camera | ○ |
| | BlueSpot and TruckSpot – visual drive path warning for pedestrians, operators and the environment | ○ |
| | Wide choice of lighting options: Headlights, LED light strips, VertiLights | ○ |
| Digitalisation | Online data transmission | ● |
| | WiFi data transmission | ○ |
| | Linde connect.desk – local fleet management with different functional modules | ○ |
| | Pre-Operation Check App – customisable daily inspection log to check the readiness of the truck for operation | ○ |
| | Truck Call App – coordination of transport jobs | ○ |
| Operation/Load Handling | Twin pedal control – smooth acceleration and quick direction changes | ● |
| | Single pedal control – smooth acceleration | ○ |
| | Linde Load Control – central control levers fully integrated into the armrest for precise control of all hydraulic functions | ● |
| | Individual lever control of hydraulic functions | ○ |
| | Single, double and triple ancillary hydraulics | ○ |
| | Linde Steer Control – ergonomic steering concept integrated into the left armrest for enhanced forward visibility | ○ |
| Energy | Easy lateral battery changing from the side and hinged battery cover for daily checking of the lead-acid battery | ● |
| | Li-ION ready | ● |
| | Flexible, simple charging options thanks to convenient rear charging socket | ○ |
| | Charge anywhere thanks to fully integrated High Frequency (HF) on-board charger | ○ |
| | Fuel cell system | ○ |

● Standard equipment ○ Optional equipment

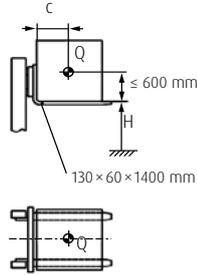
LOAD CAPACITY

E35/600 H



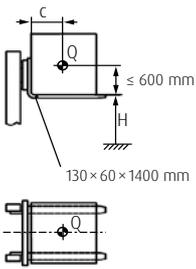
| H (mm) | Q (kg) | | | | |
|---------------|---------|------|------|------|--|
| 6500 | 3100 | 2840 | 2620 | 2430 | |
| 6400 | 3200 | 2930 | 2700 | 2510 | |
| 6300 | 3300 | 3020 | 2790 | 2590 | |
| 6200 | 3400 | 3110 | 2870 | 2670 | |
| ≤ 6100 | 3500 | 3200 | 2960 | 2750 | |
| c (mm) | 400-600 | 700 | 800 | 900 | |

E40/600 H/HL



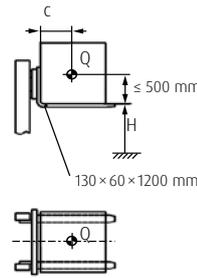
| H (mm) | Q (kg) | | | | |
|---------------|---------|------|------|------|--|
| 6500 | 3500 | 3210 | 2960 | 2750 | |
| 6400 | 3620 | 3320 | 3070 | 2850 | |
| 6300 | 3750 | 3440 | 3170 | 2950 | |
| 6200 | 3870 | 3550 | 3280 | 3050 | |
| ≤ 6100 | 4000 | 3660 | 3380 | 3140 | |
| c (mm) | 400-600 | 700 | 800 | 900 | |

E45/600 H/HL



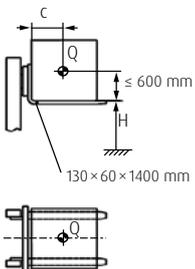
| H (mm) | Q (kg) | | | | |
|---------------|---------|------|------|------|--|
| 6500 | 3800 | 3480 | 3210 | 2990 | |
| 6400 | 3940 | 3610 | 3330 | 3100 | |
| 6300 | 4080 | 3740 | 3450 | 3210 | |
| 6200 | 4220 | 3870 | 3570 | 3320 | |
| 6100 | 4360 | 3990 | 3690 | 3430 | |
| ≤ 6000 | 4500 | 4120 | 3810 | 3540 | |
| c (mm) | 400-600 | 700 | 800 | 900 | |

E50/500 HL



| H (mm) | Q (kg) | | | | |
|---------------|---------|------|------|------|--|
| 6500 | 4200 | 3820 | 3500 | 3230 | |
| 6400 | 4400 | 4000 | 3670 | 3390 | |
| 6300 | 4600 | 4180 | 3830 | 3540 | |
| 6200 | 4800 | 4360 | 4000 | 3700 | |
| ≤ 6100 | 5000 | 4540 | 4170 | 3850 | |
| c (mm) | 400-500 | 600 | 700 | 800 | |

E50/600 HL



| H (mm) | Q (kg) | | | | |
|---------------|---------|------|------|------|--|
| 6500 | 4000 | 3660 | 3380 | 3140 | |
| 6400 | 4200 | 3850 | 3550 | 3300 | |
| 6300 | 4400 | 4030 | 3720 | 3460 | |
| 6200 | 4600 | 4210 | 3890 | 3620 | |
| 6100 | 4800 | 4400 | 4060 | 3770 | |
| ≤ 6000 | 5000 | 4580 | 4230 | 3930 | |
| c (mm) | 400-600 | 700 | 800 | 900 | |

H = Lifting height, c = Load centre, Q = Load capacity
Load capacity for standard mast and fork carriage

CHARACTERISTICS



Panoramic view

Safety

- Narrow mast profile and A-pillar for outstanding all-round visibility
- Linde Curve Assist automatically reduces speed when cornering
- Linde Load Assist warns against risk of tipping when handling loads at height
- Numerous optional assistance systems as well as many warning and light options



Operator's workplace

Ergonomics

- Spacious operator's compartment, various ergonomic seats and an isolated operator's workstation for exceptional operating comfort
- Standard 3.5-inch display clearly shows all important vehicle information
- Option of steering control mounted on left armrest for greater forward visibility



Linde combi steering axle

Handling

- Outstanding manoeuvrability thanks to twin motor front-wheel drive and combi steer axle
- High-performance synchronous reluctance motors for traction and lift
- Overhead tilt cylinders and torsion-resistant mast design for high residual load capacity
- Twin or single pedal control and Linde Load Control for precise operation
- Optional rear charging access and on-board charger for flexibility in operation



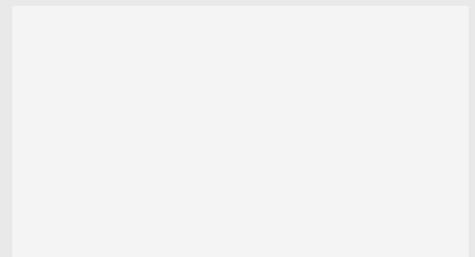
Easy to service

Service

- High vehicle availability thanks to long maintenance intervals, robust truck construction and wear-free components
- Remote software updates and error diagnostics enable preventative servicing and minimise downtime for servicing
- Fast maintenance and repair thanks to easily accessible service components and modular assemblies

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

Presented by:



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