



Electric Counterbalance Truck

X35-X50

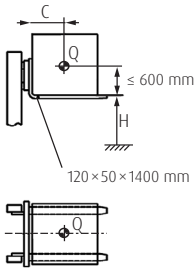
Load capacity 3.5-5.0 t | Series 1254

Powerful, highly energy-efficient truck

- Robust electric forklift truck with long wheel base and high ground clearance ideal for intensive outdoor operating conditions
- High performance synchronous reluctance motors (SRM+) and water-cooled power modules for maximum performance under any load
- Intuitive operating controls, excellent visibility and ergonomic design ensures a high level of comfort and safety and guarantees productive load handling
- Five models with a comprehensive range of equipment as standard as well as optional equipment for customising the truck to any application
- Truck data transmission unit as standard for integration into digital processes

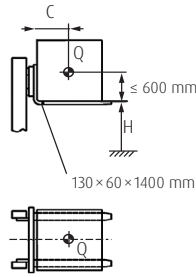
LOAD CAPACITY

X35 / 600



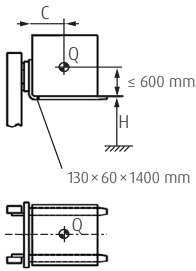
| H (mm) | Q (kg) | | | |
|---------------|---------|------|------|------|
| 7000 | 2400 | 2200 | 2030 | 1890 |
| 6900 | 2520 | 2310 | 2140 | 1990 |
| 6800 | 2640 | 2420 | 2240 | 2080 |
| 6700 | 2760 | 2540 | 2340 | 2180 |
| 6600 | 2880 | 2650 | 2450 | 2280 |
| 6500 | 3010 | 2760 | 2550 | 2370 |
| 6400 | 3130 | 2870 | 2660 | 2470 |
| 6300 | 3250 | 2980 | 2760 | 2570 |
| 6200 | 3370 | 3100 | 2860 | 2660 |
| ≤ 6100 | 3500 | 3210 | 2970 | 2760 |
| c (mm) | 400-600 | 700 | 800 | 900 |

X40 / 600



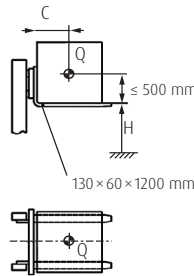
| H (mm) | Q (kg) | | | |
|---------------|---------|------|------|------|
| 7000 | 2400 | 2200 | 2040 | 1890 |
| 6800 | 2660 | 2450 | 2260 | 2100 |
| 6700 | 2800 | 2570 | 2380 | 2210 |
| 6600 | 2930 | 2690 | 2490 | 2320 |
| 6500 | 3060 | 2810 | 2600 | 2420 |
| 6400 | 3200 | 2940 | 2720 | 2530 |
| 6300 | 3330 | 3060 | 2830 | 2630 |
| 6200 | 3460 | 3180 | 2940 | 2740 |
| 6100 | 3600 | 3300 | 3060 | 2840 |
| 6000 | 3730 | 3430 | 3170 | 2950 |
| 5900 | 3860 | 3550 | 3280 | 3050 |
| ≤ 5800 | 4000 | 3670 | 3400 | 3160 |
| c (mm) | 400-600 | 700 | 800 | 900 |

X45 / 600



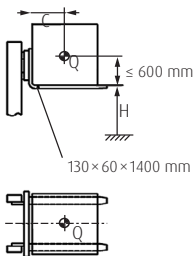
| H (mm) | Q (kg) | | | |
|---------------|---------|------|------|------|
| 7000 | 2500 | 2290 | 2120 | 1970 |
| 6800 | 2830 | 2600 | 2400 | 2240 |
| 6700 | 3000 | 2750 | 2550 | 2370 |
| 6600 | 3160 | 2910 | 2690 | 2500 |
| 6500 | 3330 | 3060 | 2830 | 2630 |
| 6400 | 3500 | 3210 | 2970 | 2760 |
| 6300 | 3660 | 3360 | 3110 | 2900 |
| 6200 | 3830 | 3520 | 3250 | 3030 |
| 6100 | 4000 | 3670 | 3400 | 3160 |
| 6000 | 4160 | 3820 | 3540 | 3290 |
| 5900 | 4330 | 3980 | 3680 | 3420 |
| ≤ 5800 | 4500 | 4130 | 3820 | 3550 |
| c (mm) | 400-600 | 700 | 800 | 900 |

X50 / 500



| H (mm) | Q (kg) | | | |
|---------------|---------|------|------|------|
| 7000 | 2800 | 2550 | 2340 | 2170 |
| 6800 | 3160 | 2880 | 2650 | 2450 |
| 6700 | 3350 | 3050 | 2800 | 2590 |
| 6600 | 3530 | 3220 | 2960 | 2730 |
| 6500 | 3710 | 3380 | 3110 | 2880 |
| 6400 | 3900 | 3550 | 3260 | 3020 |
| 6300 | 4080 | 3720 | 3420 | 3160 |
| 6200 | 4260 | 3890 | 3570 | 3300 |
| 6100 | 4450 | 4050 | 3720 | 3450 |
| 6000 | 4630 | 4220 | 3880 | 3590 |
| 5900 | 4810 | 4390 | 4030 | 3730 |
| ≤ 5800 | 5000 | 4550 | 4190 | 3870 |
| c (mm) | 400-500 | 600 | 700 | 800 |

X50 / 600



| H (mm) | Q (kg) | | | |
|---------------|---------|------|------|------|
| 7000 | 2800 | 2570 | 2380 | 2210 |
| 6800 | 3160 | 2910 | 2690 | 2500 |
| 6700 | 3350 | 3070 | 2840 | 2640 |
| 6600 | 3530 | 3240 | 3000 | 2790 |
| 6500 | 3710 | 3410 | 3150 | 2930 |
| 6400 | 3900 | 3580 | 3310 | 3080 |
| 6300 | 4080 | 3750 | 3470 | 3220 |
| 6200 | 4260 | 3920 | 3620 | 3370 |
| 6100 | 4450 | 4080 | 3780 | 3510 |
| 6000 | 4630 | 4250 | 3930 | 3660 |
| 5900 | 4810 | 4420 | 4090 | 3800 |
| ≤ 5800 | 5000 | 4590 | 4250 | 3950 |
| c (mm) | 400-600 | 700 | 800 | 900 |

H = lift height, c = load centre distance, Q = load capacity

Load capacity for standard mast and fork carriage

STANDARD AND OPTIONAL EQUIPMENT

| Model / truck equipment | | X35 - X50 |
|--|---|-----------|
| Operator's workstation | Innovative damping concept helps isolate operator's compartment from harmful vibrations | ● |
| | Ergonomic and safe on/off access to the truck thanks to low non-slip step and handles on the A-pillar and engine cover | ● |
| | Steering wheel with tilt adjustment | ● |
| | Comfort overhead guard for maximum headroom | ● |
| | Operator's seat - quick, easy mechanical weight adjustment | ● |
| | Different operator's seat options: Heated seats, air suspension, active seat suspension, fore/aft suspension | ○ |
| | Operator's seat - swivelling seat | ○ |
| | 3.5" LED colour display including steering angle and tilt angle display | ● |
| | 7" LED multifunction colour display integrates additional functions such as cameras and Linde Safety Pilot | ○ |
| | Armoured glass roof window | ○ |
| | Light metal doors with wide-opening window | ○ |
| | DIN A4 terminal board with lighting | ○ |
| | Fully integrated heating/air conditioning incl. demisting function | ○ |
| | Radio, incl. DAB+, MP3 player and Bluetooth hands-free kit | ○ |
| Power unit and braking system | Twin motor front-wheel drive | ● |
| | High performance synchronous reluctance motors (SRM+) for traction and lifting functions | ● |
| | Operating settings - economy, efficiency and performance - for individual performance adjustment | ● |
| | Automatic parking brake | ● |
| Axles and tyres | Super-elastic (SE) tyres | ● |
| | Closed shoulder CS 20 tyres | ○ |
| | Pneumatic tyres | ○ |
| | Anti-static tyres, non-marking | ○ |
| | Dirt deflectors/mud guards, front and rear | ○ |
| Mast | High mounted tilt cylinders - including maintenance-free bearings | ● |
| | Optimum visibility due to asymmetric nested mast profiles on standard, duplex and triplex masts | ● |
| | Electronically damped tilt stop | ● |
| | Hydraulic accumulator for increased driving comfort, improved load protection and reduced wear and tear | ○ |
| Attachments/ forks | Reinforced Linde forks - easy to adjust and long service life | ○ |
| | Integrated roller-guided side shifter provides full nominal load capacity | ○ |
| | Integrated fork-positioning carriage "VIEW" for high residual load capacity and optimum visibility | ○ |
| | Truck-mounted sweeper option | ○ |
| Safety | Linde Curve Assist - automatic reduction of travel speed around corners | ● |
| | Electric seat belt monitoring - visual and audible feedback to ensure seat belt is correctly attached | ● |
| | Linde Load Assist - active intervention in forward tilt and lift speed increases safety at high lift heights | ● |
| | BlueSpot and TruckSpot - visual drive path warning for pedestrians and operators | ○ |
| | Load weight display | ○ |
| | Linde Safety Pilot - load-dependent driving and lifting speed regulation supports the operator at the limits of truck | ○ |
| | Linde Safety Guard - audio-visual proximity warning truck-to-truck and between trucks and pedestrians | ○ |
| | Speed restriction options - via switch, indoor/outdoor, load- or lift height-dependent | ○ |
| | Various truck lighting options: Headlights, full road lighting, working lights, beacons, LED strips, VertiLights | ○ |
| Motion detection - registers movement behind the truck and stops reversing | ○ | |
| Digitalisation | Online data transmission | ● |
| | WiFi data transmission | ○ |
| | Linde connect:desk - local fleet management with different functional modules | ○ |
| | Linde connect:cloud - fleet management as a service (hosted version) | ○ |
| | Pre-Operation Check - customisable daily inspection log to check the readiness of the truck for operation | ○ |
| | Truck Call-App - coordination of transport jobs | ○ |
| Operation/ load handling | Double pedal control - smooth acceleration and quick direction changes | ● |
| | Single pedal control with direction selection switch - smooth acceleration and easy direction change | ○ |
| | Linde Load Control - central control lever fully integrated into the armrest for precise control of all hydraulic functions | ● |
| | Individual levers fully integrated into armrest for precise control of all hydraulic functions | ○ |

● Standard equipment

○ Optional equipment

TECHNICAL DATA (according to VDI 2198)

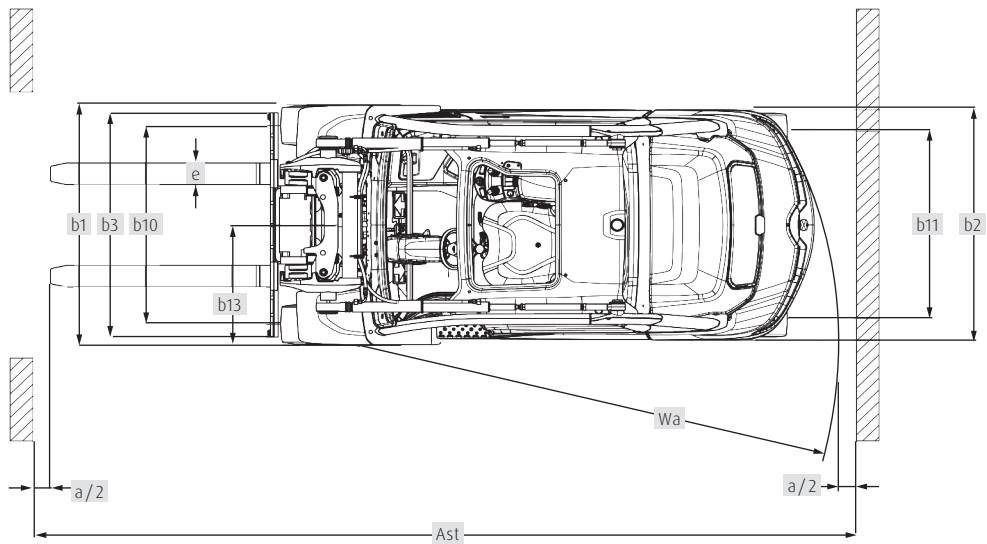
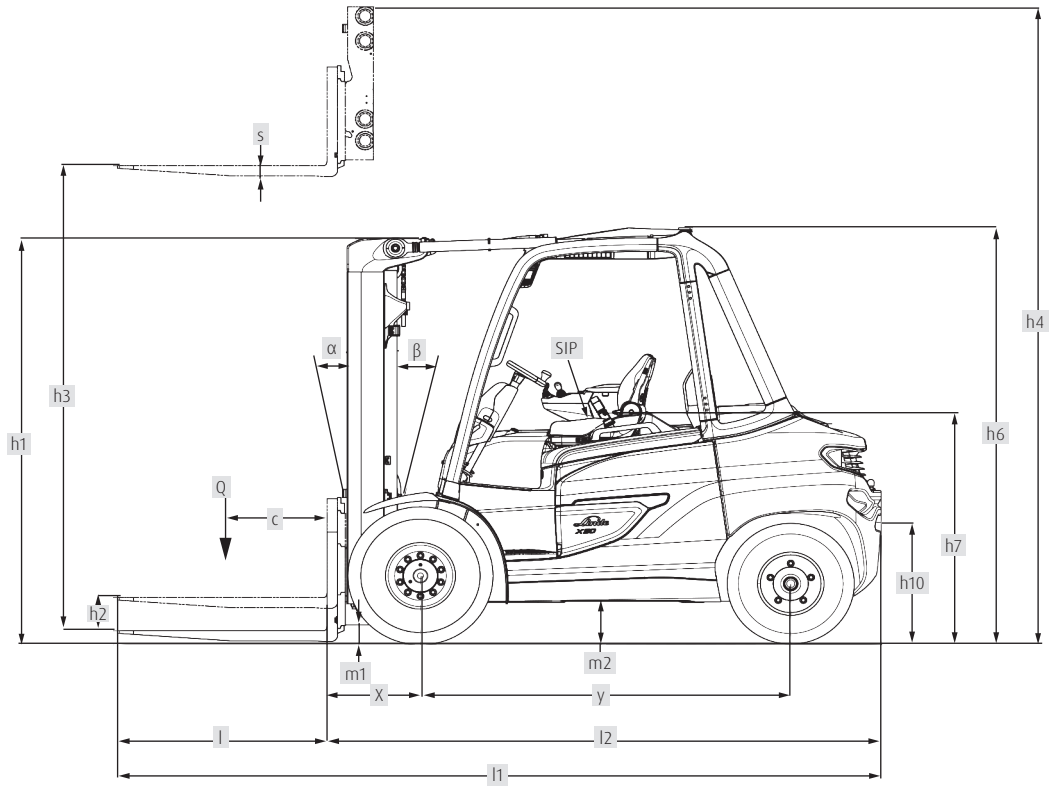
| | | | LINDE MH | | | | |
|-----------------|--------|--|--|----------------------------|----------------------------|--|-------------------------|
| | | | X35 / 600 | X40 / 600 | X45 / 600 | | |
| Characteristics | 1.1 | Manufacturer (short name) | | LINDE MH | LINDE MH | LINDE MH | |
| | 1.2 | Manufacturer's model designation | | X35 / 600 | X40 / 600 | X45 / 600 | |
| | 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 | Q (t) | 3.5 | 4.0 | 4.5 | |
| | 1.6 | Load centre distance | c (mm) | 600 | 600 | 600 | |
| | 1.8 | Load spacing | x (mm) | 525.2 | 535.2 | 535.2 | |
| | 1.9 | Wheel base | y (mm) | 2120 | 2120 | 2120 | |
| Weights | 2.1 | Empty weight | kg | 6880 ¹⁾ | 6918 ¹⁾ | 7194 ¹⁾ | |
| | 2.2 | Axle load with load, front/rear | kg | 8863 / 1517 | 9699 / 1219 | 10,460 / 1234 | |
| | 2.3 | Axle load without load, front/rear | kg | 3505 / 3375 ¹⁾ | 3557 / 3361 ¹⁾ | 3550 / 3644 ¹⁾ | |
| Wheels/Tyres | 3.1 | Tyres solid rubber, SE, pneumatic, polyurethane | | SE | SE | SE | |
| | 3.2 | Tyre size, front | | 315 / 70-15 (300-15) | 315 / 70-15 (300-15) | 315 / 70-15 (300-15) | |
| | 3.3 | Tyre size, rear | | 250 / 70-15 (250-15) | 250 / 70-15 (250-15) | 250 / 70-15 (250-15) | |
| | 3.5 | Wheels, number, front/rear (x = driven) | | 2x / 2 | 2x / 2 | 2x / 2 | |
| | 3.6 | Track width, front | b10 (mm) | 1190 | 1190 | 1190 | |
| | 3.7 | Track width, rear | b11 (mm) | 1123 | 1123 | 1123 | |
| Dimensions | 4.1 | Mast/fork carriage tilt, forward/backward | α/β (°) | 5.0 / 8.0 | 5.0 / 8.0 | 5.0 / 8.0 | |
| | 4.2 | Height of mast when retracted | h1 (mm) | 2524 | 2524 | 2523 | |
| | 4.3 | Free lift | h2 (mm) | 150 | 150 | 150 | |
| | 4.4 | Lift | h3 (mm) | 3100 | 3100 | 3100 | |
| | 4.5 | Height of mast when extended | h4 (mm) | 4124 | 4124 | 4123 | |
| | 4.7 | Height above overhead guard (cabin) | h6 (mm) | 2495 | 2495 | 2495 | |
| | 4.8 | Seat height relative to SIP/stand height | h7 (mm) | 1376 | 1376 | 1376 | |
| | 4.12 | Clutch height | h10 (mm) | 715 | 715 | 714 | |
| | 4.19 | Overall length | l1 (mm) | 4363 | 4373 | 4373 | |
| | 4.20 | Length including fork backs | l2 (mm) | 3163 | 3173 | 3173 | |
| | 4.21 | Overall width | b1/b2 (mm) | 1448 | 1448 | 1448 | |
| | 4.22 | Prong dimensions DIN ISO 2331 | s / e/l (mm) | 50 × 120 × 1200 | 60 × 130 × 1200 | 60 × 130 × 1200 | |
| | 4.23 | Fork carriage to 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) | 205 | 205 | 205 | |
| | 4.32 | Ground clearance, centre of wheelbase | m2 (mm) | 243 | 243 | 243 | |
| | 4.34.1 | Working aisle width with palette 1000 x 1200 crossways | Ast (mm) | 4561 ²⁾ | 4571 ²⁾ | 4571 ²⁾ | |
| | 4.34.2 | Working aisle width with palette 800 x 1200 lengthways | Ast (mm) | 4761 ²⁾ | 4771 ²⁾ | 4771 ²⁾ | |
| | 4.35 | Turning radius | Wa (mm) | 2836 | 2836 | 2836 | |
| | 4.36 | Smallest pivoting distance | b13 (mm) | 842 | 842 | 842 | |
| Performance | 5.1 | Travel speed, with/without load | km/h | 22 / 22 | 22 / 22 | 22 / 22 | |
| | 5.2 | Lifting speed, with/without load | m/s | 0.59 / 0.6 | 0.56 / 0.6 | 0.52 / 0.6 | |
| | 5.3 | Lowering speed, with/without load | m/s | 0.55 / 0.55 | 0.55 / 0.55 | 0.55 / 0.55 | |
| | 5.5 | Tractive force, with/without load | N | 8500 / 8500 | 8500 / 8500 | 8500 / 8500 | |
| | 5.6 | Maximum tractive force, with/without load | N | 22,000 / 22,000 | 22,000 / 22,000 | 22,000 / 22,000 | |
| | 5.7 | Gradeability, with/without load | % | 22.0 / 32.0; (22.0 / 36.0) | 21.0 / 32.0; (21.0 / 36.0) | 19.0 / 31.0; (19.0 / 34.0) ³⁾ | |
| | 5.8 | Max. gradeability, with/without load | % | 18.0 / 28.0; (18.0 / 28.0) | 17.0 / 28.0; (17.0 / 28.0) | 15.0 / 27.0; (15.0 / 27.0) ³⁾ | |
| | 5.9 | Acceleration time, with/without load | s | 5.3 / 4.6 | 5.4 / 4.6 | 5.5 / 4.7 | |
| Drive | 5.10 | Service brake | | hydr. / mech. | hydr. / mech. | hydr. / mech. | |
| | 6.1 | Drive motor, output with S2 60 min | kW | 2x 15 | 2x 15 | 2x 15 | |
| | 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 | | Li-ION | Li-ION | Li-ION | |
| | 6.4 | Battery voltage / rated capacity (5 h) | (V) / (Ah) o. kWh | 90 / 1440 | 90 / 1440 | 90 / 1440 | |
| | 6.4.a | Battery energy content | kWh | 126.8 | 126.8 | 126.8 | |
| | 6.5 | Battery weight (±5%) | kg | 1458 | 1458 | 1458 | |
| | 6.6 | CO2 equivalent compliant with EN 16796 | kWh/h | 8.3 | 8.8 | 9.3 | |
| | 6.6.1 | CO2 equivalent compliant with EN 16796 | kg/h | 4.49 | 4.76 | 5.03 | |
| | Others | 8.1 | Type of drive unit | | Elect. | Elect. | Elect. stepped/stepless |
| | | 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 15170 | | similar DIN 15170-H | similar DIN 15170-H | similar DIN 15170-H | |
| 11.2 | | Stability | | 1.51 | 1.49 | 1.5 | |

1) incl. battery, lines 6.4 / 6.5.

2) incl. a = 200 mm safety distance

3) forwards; (backwards)

| LINDE MH | LINDE MH | LINDE MH | LINDE MH | LINDE MH | LINDE MH | LINDE MH | LINDE MH |
|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| X50/500 | X50/600 | X35/600 Beverage | X40/600 Beverage | X45/600 Beverage | X50/500 Beverage | X50/600 Beverage | X50/600 Beverage |
| 1254-01 | 1254-01 | 1254-01 | 1254-01 | 1254-01 | 1254-01 | 1254-01 | 1254-01 |
| Battery | Battery | Battery | Battery | Battery | Battery | Battery | Battery |
| Seated | Seated | Seated | Seated | Seated | Seated | Seated | Seated |
| 4.99 | 4.99 | 3.5 | 4.0 | 4.5 | 4.99 | 4.99 | 4.99 |
| 500 | 600 | 600 | 600 | 600 | 500 | 600 | 600 |
| 535.2 | 535.2 | 525.2 | 535.2 | 535.2 | 535.2 | 535.2 | 535.2 |
| 2120 | 2120 | 2120 | 2120 | 2120 | 2120 | 2120 | 2120 |
| 7170 ¹⁾ | 7537 ¹⁾ | 7343 ¹⁾ | 7381 ¹⁾ | 7656 ¹⁾ | 7657 ¹⁾ | 8023 ¹⁾ | 8023 ¹⁾ |
| 10,938/1222 | 11,208/1319 | 9117/1726 | 9953/1428 | 10,714/1442 | 11,489/1428 | 11,489/1524 | 11,489/1524 |
| 3511/3659 ¹⁾ | 3546/3991 ¹⁾ | 3759/3584 ¹⁾ | 3811/3570 ¹⁾ | 3804/3852 ¹⁾ | 3792/3865 ¹⁾ | 3827/4196 ¹⁾ | 3827/4196 ¹⁾ |
| SE | SE | SE | SE | SE | SE | SE | SE |
| 315/70-15 (300-15) | 315/70-15 (300-15) | 315/70-15 (300-15) | 315/70-15 (300-15) | 315/70-15 (300-15) | 315/70-15 (300-15) | 315/70-15 (300-15) | 315/70-15 (300-15) |
| 250/70-15 (250-15) | 250/70-15 (250-15) | 250/70-15 (250-15) | 250/70-15 (250-15) | 250/70-15 (250-15) | 250/70-15 (250-15) | 250/70-15 (250-15) | 250/70-15 (250-15) |
| 2x/2 | 2x/2 | 2x/2 | 2x/2 | 2x/2 | 2x/2 | 2x/2 | 2x/2 |
| 1190 | 1190 | 1190 | 1190 | 1190 | 1190 | 1190 | 1190 |
| 1123 | 1123 | 1123 | 1123 | 1123 | 1123 | 1123 | 1123 |
| 5.0/8.0 | 5.0/8.0 | 5.0/8.0 | 5.0/8.0 | 5.0/8.0 | 5.0/8.0 | 5.0/8.0 | 5.0/8.0 |
| 2523 | 2523 | 2974 | 2974 | 2973 | 3073 | 3073 | 3073 |
| 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 3100 | 2900 | 3100 | 3100 | 3100 | 3100 | 2900 | 2900 |
| 4023 | 4023 | 5024 | 5024 | 5023 | 5123 | 5123 | 5123 |
| 2495 | 2495 | 2895 | 2895 | 2895 | 2895 | 2895 | 2895 |
| 1376 | 1376 | 1776 | 1776 | 1776 | 1776 | 1776 | 1776 |
| 714 | 714 | 714 | 714 | 714 | 714 | 712 | 712 |
| 4173 | 4373 | 4363 | 4373 | 4373 | 4173 | 4373 | 4373 |
| 3173 | 3173 | 3163 | 3173 | 3173 | 3173 | 3173 | 3173 |
| 1448 | 1448 | 1448 | 1448 | 1448 | 1448 | 1448 | 1448 |
| 60 × 130 × 1000 | 60 × 130 × 1200 | 50 × 120 × 1200 | 60 × 130 × 1200 | 60 × 130 × 1200 | 60 × 130 × 1000 | 60 × 130 × 1200 | 60 × 130 × 1200 |
| 3A | 3A | 3A | 3A | 3A | 3A | 3A | 3A |
| 1350 | 1350 | 1350 | 1350 | 1350 | 1350 | 1350 | 1350 |
| 205 | 205 | 205 | 205 | 205 | 205 | 205 | 205 |
| 243 | 243 | 243 | 243 | 243 | 243 | 243 | 243 |
| 4571 ²⁾ | 4571 ²⁾ | 4561 ²⁾ | 4571 ²⁾ | 4571 ²⁾ | 4571 ²⁾ | 4571 ²⁾ | 4571 ²⁾ |
| 4771 ²⁾ | 4771 ²⁾ | 4761 ²⁾ | 4771 ²⁾ | 4771 ²⁾ | 4771 ²⁾ | 4771 ²⁾ | 4771 ²⁾ |
| 2836 | 2836 | 2836 | 2836 | 2836 | 2836 | 2836 | 2836 |
| 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 |
| 22/22 | 22/22 | 22/22 | 22/22 | 22/22 | 22/22 | 22/22 | 22/22 |
| 0.46/0.53 | 0.46/0.53 | 0.59/0.6 | 0.56/0.6 | 0.52/0.6 | 0.46/0.53 | 0.46/0.53 | 0.46/0.53 |
| 0.55/0.55 | 0.55/0.55 | 0.55/0.55 | 0.55/0.55 | 0.55/0.55 | 0.55/0.55 | 0.55/0.55 | 0.55/0.55 |
| 8500/8500 | 8500/8500 | 8500/8500 | 8500/8500 | 8500/8500 | 8500/8500 | 8500/8500 | 8500/8500 |
| 22,000/22,000 | 22,000/22,000 | 22,000/22,000 | 22,000/22,000 | 22,000/22,000 | 22,000/22,000 | 22,000/22,000 | 22,000/22,000 |
| 19.0/30.0; (19.0/34.0) | 18.0/29.0; (18.0/32.0) | 21.0/31.0; (21.0/33.0) | 20.0/31.0; (20.0/33.0) | 19.0/30.0; (19.0/32.0) | 18.0/30.0; (18.0/32.0) | 17.0/29.0; (17.0/30.0) | 17.0/29.0; (17.0/30.0) |
| 15.0/27.0; (15.0/27.0) | 14.0/25.0; (14.0/25.0) | 17.0/26.0; (17.0/26.0) | 16.0/26.0; (16.0/26.0) | 15.0/25.0; (15.0/25.0) | 14.0/25.0; (14.0/25.0) | 14.0/24.0; (14.0/24.0) | 14.0/24.0; (14.0/24.0) |
| 5.6/4.7 | 5.7/4.7 | 5.4/4.7 | 5.5/4.7 | 5.6/4.8 | 5.7/4.8 | 5.8/4.8 | 5.8/4.8 |
| hydr./mech. | hydr./mech. | hydr./mech. | hydr./mech. | hydr./mech. | hydr./mech. | hydr./mech. | hydr./mech. |
| 2x 15 | 2x 15 | 2x 15 | 2x 15 | 2x 15 | 2x 15 | 2x 15 | 2x 15 |
| 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| Li-ION | Li-ION | Li-ION | Li-ION | Li-ION | Li-ION | Li-ION | Li-ION |
| 90/1440 | 90/1440 | 90/1440 | 90/1440 | 90/1440 | 90/1440 | 90/1440 | 90/1440 |
| 126.8 | 126.8 | 126.8 | 126.8 | 126.8 | 126.8 | 126.8 | 126.8 |
| 1458 | 1458 | 1458 | 1458 | 1458 | 1458 | 1458 | 1458 |
| 9.8 | 10 | 8.4 | 8.9 | 9.5 | 10 | 10.2 | 10.2 |
| 5.3 | 5.4 | 4.54 | 4.81 | 5.13 | 5.4 | 5.51 | 5.51 |
| Elect. | Elect. | Elect. | Elect. | Elect. | Elect. | Elect. | Elect. |
| 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 |
| 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 |
| similar DIN 15170-H | similar DIN 15170-H | similar DIN 15170-H | similar DIN 15170-H | similar DIN 15170-H | similar DIN 15170-H | similar DIN 15170-H | similar DIN 15170-H |
| 1.54 | 1.52 | 1.51 | 1.49 | 1.5 | 1.54 | 1.52 | 1.52 |



MAST TABLES

STANDARD MAST (in mm)

| Series | 1534 | | | | | | | | | |
|----------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Lift | h3: 3200 | h3: 3700 | h3: 4100 | h3: 4400 | h3: 5000 | h3: 3200 | h3: 3700 | h3: 4100 | h3: 4400 | h3: 5000 |
| Height measurements | h1: 2530 h2: 150 h4: 4125 | h1: 2780 h2: 150 h4: 4625 | h1: 2980 h2: 150 h4: 5025 | h1: 3130 h2: 150 h4: 5325 | h1: 3430 h2: 150 h4: 5925 | h1: 2630 h2: 150 h4: 4225 | h1: 2880 h2: 150 h4: 4725 | h1: 3080 h2: 150 h4: 5125 | h1: 3230 h2: 150 h4: 5425 | h1: 3530 h2: 150 h4: 6025 |
| Model | | | | | | | | | | |
| X35/600 | ○ | ○ | ○ | ○ | ○ | — | — | — | — | — |
| X40/600 | ○ | ○ | ○ | ○ | ○ | — | — | — | — | — |
| X45/600 | ○ | ○ | ○ | ○ | ○ | — | — | — | — | — |
| X35/600 Beverage | — | — | ○ | ○ | — | — | — | — | — | — |
| X40/600 Beverage | — | — | ○ | ○ | — | — | — | — | — | — |
| X45/600 Beverage | — | — | ○ | ○ | — | — | — | — | — | — |
| X50/500 | — | — | — | — | — | ○ | ○ | ○ | ○ | ○ |
| X50/600 | — | — | — | — | — | ○ | ○ | ○ | ○ | ○ |
| X50/500 Beverage | — | — | — | — | — | — | — | ○ | ○ | — |
| X50/600 Beverage | — | — | — | — | — | — | — | ○ | ○ | — |

DUPLEX MAST (in mm)

| Series | 1534 | | | | | |
|----------------------------|----------------------|----------|----------------------|----------|----------------------------------|----------|
| Lift | h3: 3730 | | h3: 3130 | | h3: 3730 | |
| Height measurements | h1: 2730 h4: 4685 | h2: 1775 | h1: 2530 h4: 4185 | h2: 1475 | h1: 2830 h2: 1775 h4: 4785 | h2: 1775 |
| Model | | | | | | |
| X35 | ○ | — | — | — | — | — |
| X40 | ○ | — | — | — | — | — |
| X45 | ○ | — | — | — | — | — |
| X50/500 | — | — | ○ | — | ○ | — |
| X50/600 | — | — | ○ | — | ○ | — |

TRIPLEX MAST (in mm)

| Series | 1534 | | | | | | | | | | | |
|----------------------------|----------------------------------|-----|----------------------------------|-----|----------------------------------|-----|----------------------------------|----------|----------------------------------|-----|----------------------------------|-----|
| Lift | h3: 5365 | | h3: 5865 | | h3: 6315 | | h3: 4615 | | h3: 5565 | | h3: 6015 | |
| Height measurements | h1: 2680 h2: 1725 h4: 6320 | h2: | h1: 2880 h2: 1925 h4: 6820 | h2: | h1: 3030 h2: 2075 h4: 7270 | h2: | h1: 2530 h2: 1475 h4: 5665 | h2: 1475 | h1: 2880 h2: 1825 h4: 6615 | h2: | h1: 3030 h2: 1975 h4: 7065 | h2: |
| Model | | | | | | | | | | | | |
| X35/600 | ○ | — | — | — | ○ | — | — | — | — | — | — | — |
| X40/600 | ○ | — | — | — | ○ | — | — | — | — | — | — | — |
| X45/600 | ○ | — | — | — | ○ | — | — | — | — | — | — | — |
| X35/600 Beverage | — | — | ○ | — | — | — | — | — | — | — | — | — |
| X40/600 Beverage | — | — | ○ | — | — | — | — | — | — | — | — | — |
| X45/600 Beverage | — | — | ○ | — | — | — | — | — | — | — | — | — |
| X50/500 | — | — | — | — | — | — | ○ | — | — | — | — | — |
| X50/600 | — | — | — | — | — | — | ○ | — | — | — | — | — |
| X50/500 Beverage | — | — | — | — | — | — | — | ○ | — | — | ○ | — |
| X50/600 Beverage | — | — | — | — | — | — | — | ○ | — | — | ○ | — |

○ Optional equipment — Not available

h1: Height of mast, lowered

h2: Free lift

h3: Lift

h4: Height of mast, extended

Figures for other equipment and masts on request

CHARACTERISTICS



Panoramic view

Safety

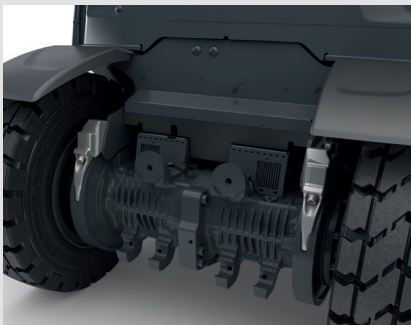
- Narrow mast profiles, A-pillar and roof designed to provide optimum visibility of load and surroundings
- Low centre of gravity and automatic speed reduction in corners reduces the risk of tipping over
- Automatic parking brake ensures safe parking on gradients
- Numerous optional operator assistance systems, lighting and warning systems



Operator's workstation

Ergonomics

- Intuitive, and ergonomic operating concept minimises physical strain on the operator
- Operator's workstation is isolated from the mast and axles by means of rubber bearings, which protects the operator in intensive applications and over uneven ground
- Spacious operator's cab and a range of ergonomic seats for fatigue-free working
- Comprehensive 3.5 inch display optimally positioned for access to all relevant truck information at a glance



Drive Concept

Handling

- Long wheel base and large diameter tyres give stability when handling loads outdoors and on uneven surfaces
- Twin motor front-wheel drive with high performance synchronous reluctance motors (SRM+) for maximum power and manoeuvrability
- Precise and intuitive control of all driving and lifting movements via twin or single pedal control and Linde Load Control
- Torsion-resistant mast construction and high mounted tilt cylinders result in high residual load capacity and safe, secure load handling



Service access

Service

- High availability due to a robust, modular design as well as numerous wear and maintenance free components
- Low maintenance costs due to long service intervals and easily accessible components
- Remote diagnostics and wireless software updates aid preventive maintenance and reduce the workload for service technicians
- Modular components allow fast diagnosis and quick replacement reducing downtime

Subject to modification in the interest of progress. Illustrations and technical details could include options and are not binding for actual constructions.

All dimensions subject to usual tolerances



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