



Internal Combustion Engine Counterbalance Trucks

H16 – H20

Capacity 1.6 t – 2.0 t | Series 391

DIESEL **HVO** **LPG** **CNG**

Agile bundle of energy

- Compact dimensions for operation in tight corners
- Spacious, ergonomic workplace with outstanding visibility for maximum operating comfort
- Sturdy design for the most demanding applications in dusty environments or multi-shift operation
- Wide variety of models, comprehensive range of standard equipment, additional options and customer-specific solutions for maximum versatility
- Hydrostatic direct drive, twin pedal control and Linde Load Control ensure powerful, fast and precise power delivery
- Low fuel consumption, long service intervals and maintenance-free components ensure high availability and keep total cost of ownership as low as possible

TECHNICAL DATA (according to VDI 2198)

| | | | | | | |
|-------------------|--------|--|-------------------|-----------------------|-----------------------|--------------------------------|
| Characteristics | 1.1 | Manufacturer (abbreviation) | | Linde MH | Linde MH | Linde MH |
| | 1.2 | Manufacturer's type designation | | H16 D | H16 T | H16 CNG |
| | 1.2a | Series | | 391-02 | 391-02 | 391-02 |
| | 1.3 | Drive | | Diesel | LPG | CNG |
| | 1.4 | Operation | | Seat | Seat | Seat |
| | 1.5 | Rated capacity/rated load | Q (t) | 1.6 | 1.6 | 1.6 |
| | 1.6 | Load centre distance | c (mm) | 500 | 500 | 500 |
| | 1.8 | Load distance, centre of drive axle to fork | x (mm) | 365 | 365 | 365 |
| | 1.9 | Wheelbase | y (mm) | 1600 | 1600 | 1600 |
| Weight | 2.1 | Service weight | kg | 2745 | 2725 | 2810 |
| | 2.2 | Axle loading, laden front/rear | kg | 3815/530 | 3775/550 | 3849/561 |
| | 2.3 | Axle loading, unladen front/rear | kg | 1350/1395 | 1310/1415 | 1384/1426 |
| Tyres/chassis | 3.1 | Tyres: solid rubber, superelastic, pneumatic, polyurethane | | SE | SE | SE |
| | 3.2 | Tyre size, front | | 180/70-8 (18x7-8) | 180/70-8 (18x7-8) | 180/70-8 (18x7-8) |
| | 3.3 | Tyre size, rear | | 180/70-8 (18x7-8) | 180/70-8 (18x7-8) | 180/70-8 (18x7-8) |
| | 3.5 | Wheels, number front/rear (x = driven wheels) | | 2x/2 | 2x/2 | 2x/2 |
| | 3.6 | Tread, front | b10 (mm) | 930 | 930 | 930 |
| | 3.7 | Tread, rear | b11 (mm) | 873 | 873 | 873 |
| Dimensions | 4.1 | Mast/fork carriage tilt, forward/backward | a/b (°) | 6.0/9.0 ¹⁾ | 6.0/9.0 ¹⁾ | 6.0/9.0 ¹⁾ |
| | 4.2 | Mast height, lowered | h1 (mm) | 2197 ²⁾ | 2197 ²⁾ | 2197 ²⁾ |
| | 4.3 | Free lift | h2 (mm) | 150 | 150 | 150 |
| | 4.4 | Lift | h3 (mm) | 3150 | 3150 | 3150 |
| | 4.5 | Mast height, extended | h4 (mm) | 3754 | 3754 | 3754 |
| | 4.7 | Height of overhead guard (cabin) | h6 (mm) | 2123 | 2123 | 2123 |
| | 4.8 | Seat height relating to SIP/stand height | h7 (mm) | 1138 | 1138 | 1138 |
| | 4.12 | Coupling height | h10 (mm) | 530 | 530 | 530 |
| | 4.19 | Overall length | l1 (mm) | 3211 | 3222 | 3222 |
| | 4.20 | Length to fork face | l2 (mm) | 2311 | 2322 | 2322 |
| | 4.21 | Overall width | b1/b2 (mm) | 1086 | 1086 | 1086 |
| | 4.22 | Fork dimensions DIN ISO 2331 | s/e/l (mm) | 40/80/900 | 40/80/900 | 40/80/900 |
| | 4.23 | Fork carriage to ISO 2328, class/type A, B | | 2A | 2A | 2A |
| | 4.24 | Fork carriage width | b3 (mm) | 980 | 980 | 980 |
| | 4.31 | Ground clearance, laden, below mast | m1 (mm) | 93 | 93 | 93 |
| | 4.32 | Ground clearance, centre of wheelbase | m2 (mm) | 119 | 119 | 119 |
| | 4.34.1 | Aisle width for pallets 1000 × 1200 crossways | Ast (mm) | 3686 ³⁾ | 3686 ³⁾ | 3686 ³⁾ |
| | 4.34.2 | Aisle width with pallet 800 × 1200 lengthways | Ast (mm) | 3886 ³⁾ | 3886 ³⁾ | 3886 ³⁾ |
| Performance | 5.1 | Travel speed, laden/unladen | km/h | 20/20 | 20/20 | 20/20 |
| | 5.2 | Lifting speed, laden/unladen | m/s | 0.6/0.63 | 0.6/0.63 | 0.6/0.63 |
| | 5.3 | Lowering speed, laden/unladen | m/s | 0.57/0.57 | 0.57/0.57 | 0.57/0.57 |
| | 5.5 | Drawbar pull, laden/unladen | N | 12900/9900 | 12900/9900 | 12900/9900 |
| | 5.7 | Gradeability, laden/unladen | % | 32.0/37.0 | 32.0/37.0 | 32.0/37.0 |
| | 5.9 | Acceleration time, laden/unladen | s | 5.1/4.5 | 5.0/4.3 | 5.0/4.3 |
| | 5.10 | Service brake | | hydrostatic | hydrostatic | hydrostatic |
| Combustion-engine | 7.1 | Engine manufacturer/type | | Deutz TD 2.2 L3 | Deutz G 2.2 L3 | Deutz G 2.2 L3 |
| | 7.2 | Engine power according to ISO 1585 | kW | 30 | 30 | 30 |
| | 7.3 | Rated speed | 1/min | 2200 | 2200 | 2200 |
| | 7.4 | Number of cylinders/displacement | -/cm ³ | 3.0/2194.0 | 3.0/2194.0 | 3.0/2194.0 |
| | 7.5 | Fuel consumption according to DIN EN 16796 | l/h | 2.2 | - | - |
| | 7.5a | Fuel consumption according to DIN EN 16796 | kg/h | - | 2.0 | - |
| | 7.5b | Fuel consumption according to VDI cycle | m3/h | - | - | 2.2 (H); 2.4 (L) ⁴⁾ |
| | 7.5.1 | CO2 equivalent according to EN 16796 | kg/h | 7 | 6.8 | 5.4 (H); 5.9 (L) ⁴⁾ |
| | 7.6 | Turnover output according to VDI 2198 | t/h | 134.0 | 134.0 | 134.0 |
| | 7.7 | Turnover efficiency according to VDI 2198 | t/l | 41.9 | 46.2 | - |
| Drive | 8.1 | Type of drive unit | | hydrost./stepl. | hydrost./stepl. | hydrost./stepl. |
| Additional data | 10.1 | Operating pressure for attachments | bar | 170 | 170 | 170 |
| | 10.2 | Oil flow for attachments | l/min | 38 | 38 | 38 |
| | 10.7 | Sound pressure level LpAZ (at the operator's seat) | dB(A) | 80 | 80 | 80 |
| | 10.8 | Towing coupling, type DIN 15170 | | - | - | - |
| | 11.2 | Static stability | | 1.61 | 1.64 | 1.65 |

- 1) Lift height and equipment can alter rear mast tilt angle 4) (H)= high quality, (L)= low quality
2) With 150 mm free lift
3) Including a 200 mm (min.) operating aisle clearance

TECHNICAL DATA (according to VDI 2198)

| | | | | | | |
|-------------------|--------|--|-------------------|-----------------------|-----------------------|--------------------------------|
| Characteristics | 1.1 | Manufacturer (abbreviation) | | Linde MH | Linde MH | Linde MH |
| | 1.2 | Manufacturer's type designation | | H18 D | H18 T | H18 CNG |
| | 1.2a | Series | | 391-02 | 391-02 | 391-02 |
| | 1.3 | Drive | | Diesel | LPG | CNG |
| | 1.4 | Operation | | Seat | Seat | Seat |
| | 1.5 | Rated capacity/rated load | Q (t) | 1.8 | 1.8 | 1.8 |
| | 1.6 | Load centre distance | c (mm) | 500 | 500 | 500 |
| | 1.8 | Load distance, centre of drive axle to fork | x (mm) | 370 | 370 | 370 |
| | 1.9 | Wheelbase | y (mm) | 1600 | 1600 | 1600 |
| Weight | 2.1 | Service weight | kg | 2920 | 2900 | 2985 |
| | 2.2 | Axle loading, laden front/rear | kg | 4139/581 | 4099/601 | 4173/612 |
| | 2.3 | Axle loading, unladen front/rear | kg | 1360/1560 | 1320/1580 | 1394/1591 |
| Tyres/chassis | 3.1 | Tyres: solid rubber, superelastic, pneumatic, polyurethane | | SE | SE | SE |
| | 3.2 | Tyre size, front | | 180/70-8 (18x7-8) | 180/70-8 (18x7-8) | 180/70-8 (18x7-8) |
| | 3.3 | Tyre size, rear | | 180/70-8 (18x7-8) | 180/70-8 (18x7-8) | 180/70-8 (18x7-8) |
| | 3.5 | Wheels, number front/rear (x = driven wheels) | | 2x/2 | 2x/2 | 2x/2 |
| | 3.6 | Tread, front | b10 (mm) | 930 | 930 | 930 |
| | 3.7 | Tread, rear | b11 (mm) | 873 | 873 | 873 |
| | 3.8 | Wheel rim, front | b10 (mm) | 150 | 150 | 150 |
| Dimensions | 4.1 | Mast/fork carriage tilt, forward/backward | a/b (°) | 6.0/9.0 ¹⁾ | 6.0/9.0 ¹⁾ | 6.0/9.0 ¹⁾ |
| | 4.2 | Mast height, lowered | h1 (mm) | 2197 ²⁾ | 2197 ²⁾ | 2197 ²⁾ |
| | 4.3 | Free lift | h2 (mm) | 150 | 150 | 150 |
| | 4.4 | Lift | h3 (mm) | 3150 | 3150 | 3150 |
| | 4.5 | Mast height, extended | h4 (mm) | 3754 | 3754 | 3754 |
| | 4.7 | Height of overhead guard (cabin) | h6 (mm) | 2123 | 2123 | 2123 |
| | 4.8 | Seat height relating to SIP/stand height | h7 (mm) | 1138 | 1138 | 1138 |
| | 4.12 | Coupling height | h10 (mm) | 530 | 530 | 530 |
| | 4.19 | Overall length | l1 (mm) | 3227 | 3227 | 3227 |
| | 4.20 | Length to fork face | l2 (mm) | 2327 | 2327 | 2327 |
| | 4.21 | Overall width | b1/b2 (mm) | 1086 | 1086 | 1086 |
| | 4.22 | Fork dimensions DIN ISO 2331 | s/e/l (mm) | 45/100/900 | 45/100/900 | 45/100/900 |
| | 4.23 | Fork carriage to ISO 2328, class/type A, B | | 2A | 2A | 2A |
| | 4.24 | Fork carriage width | b3 (mm) | 980 | 980 | 980 |
| | 4.31 | Ground clearance, laden, below mast | m1 (mm) | 92 | 92 | 92 |
| | 4.32 | Ground clearance, centre of wheelbase | m2 (mm) | 118 | 118 | 118 |
| | 4.34.1 | Aisle width for pallets 1000 × 1200 crossways | Ast (mm) | 3691 ³⁾ | 3691 ³⁾ | 3691 ³⁾ |
| | 4.34.2 | Aisle width with pallet 800 × 1200 lengthways | Ast (mm) | 3891 ³⁾ | 3891 ³⁾ | 3891 ³⁾ |
| | 4.35 | Turning radius | Wa (mm) | 2121 | 2121 | 2121 |
| | 4.36 | Inside turning radius | b13 (mm) | 600 | 600 | 600 |
| Performance | 5.1 | Travel speed, laden/unladen | km/h | 20/20 | 20/20 | 20/20 |
| | 5.2 | Lifting speed, laden/unladen | m/s | 0.6/0.63 | 0.6/0.63 | 0.6/0.63 |
| | 5.3 | Lowering speed, laden/unladen | m/s | 0.57/0.57 | 0.57/0.57 | 0.57/0.57 |
| | 5.5 | Drawbar pull, laden/unladen | N | 12900/10300 | 12900/10300 | 12900/10300 |
| | 5.7 | Gradeability, laden/unladen | % | 29.0/36.0 | 29.0/36.0 | 29.0/36.0 |
| | 5.9 | Acceleration time, laden/unladen | s | 5.3/4.6 | 5.2/4.5 | 5.2/4.5 |
| | 5.10 | Service brake | | hydrostatic | hydrostatic | hydrostatic |
| Combustion-engine | 7.1 | Engine manufacturer/type | | Deutz TD 2.2 L3 | Deutz G 2.2 L3 | Deutz G 2.2 L3 |
| | 7.2 | Engine power according to ISO 1585 | kW | 30 | 30 | 30 |
| | 7.3 | Rated speed | 1/min | 2200 | 2200 | 2200 |
| | 7.4 | Number of cylinders/displacement | -/cm ³ | 3.0/2194.0 | 3.0/2194.0 | 3.0/2194.0 |
| | 7.5 | Fuel consumption according to DIN EN 16796 | l/h | 2.3 | - | - |
| | 7.5a | Fuel consumption according to DIN EN 16796 | kg/h | - | 2.1 | - |
| | 7.5b | Fuel consumption according to VDI cycle | kg/h | - | - | 2.3 (H); 2.5 (L) ⁴⁾ |
| | 7.5.1 | CO ₂ equivalent according to EN 16796 | kg/h | 7.3 | 7.1 | 5.7 (H); 6.2 (L) ⁴⁾ |
| | 7.6 | Turnover output according to VDI 2198 | t/h | 148.0 | 148.0 | 148.0 |
| | 7.7 | Turnover efficiency according to VDI 2198 | t/l | 44.8 | 49.3 | - |
| Drive | 8.1 | Type of drive unit | | hydrost./stepl. | hydrost./stepl. | hydrost./stepl. |
| Additional data | 10.1 | Operating pressure for attachments | bar | 170 | 170 | 170 |
| | 10.2 | Oil flow for attachments | l/min | 38 | 38 | 38 |
| | 10.7 | Sound pressure level LpAZ (at the operator's seat) | dB(A) | 80 | 80 | 80 |
| | 10.8 | Towing coupling, type DIN 15170 | | - | - | - |
| | 11.2 | Static stability | | 1.59 | 1.61 | 1.63 |

- 1) Lift height and equipment can alter rear mast tilt angle 4) (H)= high quality, (L)= low quality
 2) With 150 mm free lift
 3) Including a 200 mm (min.) operating aisle clearance

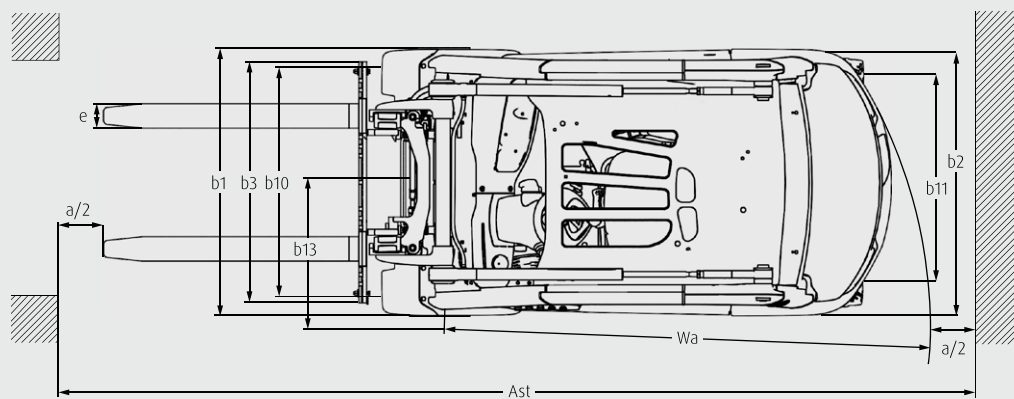
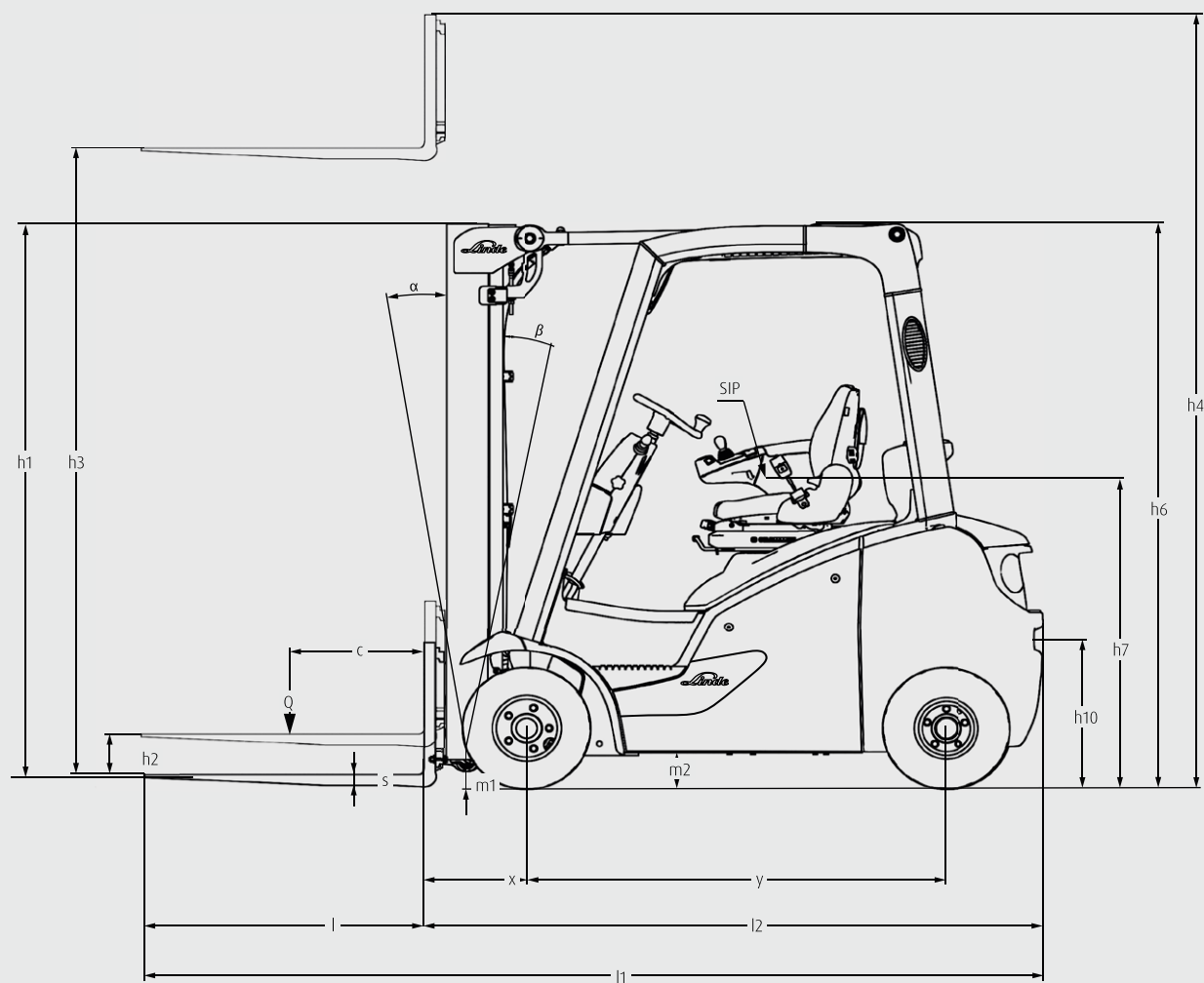
TECHNICAL DATA (according to VDI 2198)

| | | | | | | |
|-------------------|--------|--|-------------------|-----------------------|-----------------------|--------------------------------|
| Characteristics | 1.1 | Manufacturer (abbreviation) | | Linde MH | Linde MH | Linde MH |
| | 1.2 | Manufacturer's type designation | | H20 D | H20 T | H20 CNG |
| | 1.2a | Series | | 391-02 | 391-02 | 391-02 |
| | 1.3 | Drive | | Diesel | LPG | CNG |
| | 1.4 | Operation | | Seat | Seat | Seat |
| | 1.5 | Rated capacity/rated load | Q (t) | 2.0 | 2.0 | 2.0 |
| | 1.6 | Load centre distance | c (mm) | 500 | 500 | 500 |
| | 1.8 | Load distance, centre of drive axle to fork | x (mm) | 374 | 374 | 374 |
| | 1.9 | Wheelbase | y (mm) | 1600 | 1600 | 1600 |
| Weight | 2.1 | Service weight | kg | 3110 | 3090 | 3175 |
| | 2.2 | Axle loading, laden front/rear | kg | 4483/628 | 4443/648 | 4517/659 |
| | 2.3 | Axle loading, unladen front/rear | kg | 1390/1720 | 1350/1740 | 1424/1751 |
| Tyres/chassis | 3.1 | Tyres: solid rubber, superelastic, pneumatic, polyurethane | | SE | SE | SE |
| | 3.2 | Tyre size, front | | 200/50-10 | 200/50-10 | 200/50-10 |
| | 3.3 | Tyre size, rear | | 180/70-8 (18x7-8) | 180/70-8 (18x7-8) | 180/70-8 (18x7-8) |
| | 3.5 | Wheels, number front/rear (x = driven wheels) | | 2x/2 | 2x/2 | 2x/2 |
| | 3.6 | Tread, front | b10 (mm) | 945 | 945 | 945 |
| | 3.7 | Tread, rear | b11 (mm) | 873 | 873 | 873 |
| Dimensions | 4.1 | Mast/fork carriage tilt, forward/backward | a/b (°) | 6.0/9.0 ¹⁾ | 6.0/9.0 ¹⁾ | 6.0/9.0 ¹⁾ |
| | 4.2 | Mast height, lowered | h1 (mm) | 2198 ²⁾ | 2198 ²⁾ | 2198 ²⁾ |
| | 4.3 | Free lift | h2 (mm) | 150 | 150 | 150 |
| | 4.4 | Lift | h3 (mm) | 3150 | 3150 | 3150 |
| | 4.5 | Mast height, extended | h4 (mm) | 3755 | 3755 | 3755 |
| | 4.7 | Height of overhead guard (cabin) | h6 (mm) | 2123 | 2123 | 2123 |
| | 4.8 | Seat height relating to SIP/stand height | h7 (mm) | 1138 | 1138 | 1138 |
| | 4.12 | Coupling height | h10 (mm) | 530 | 530 | 530 |
| | 4.19 | Overall length | l1 (mm) | 3231 | 3231 | 3231 |
| | 4.20 | Length to fork face | l2 (mm) | 2331 | 2331 | 2331 |
| | 4.21 | Overall width | b1/b2 (mm) | 1152 | 1152 | 1152 |
| | 4.22 | Fork dimensions DIN ISO 2331 | s/e/l (mm) | 45/100/900 | 45/100/900 | 45/100/900 |
| | 4.23 | Fork carriage to ISO 2328, class/type A, B | | 2A | 2A | 2A |
| | 4.24 | Fork carriage width | b3 (mm) | 980 | 980 | 980 |
| | 4.31 | Ground clearance, laden, below mast | m1 (mm) | 95 | 95 | 95 |
| | 4.32 | Ground clearance, centre of wheelbase | m2 (mm) | 121 | 121 | 121 |
| | 4.34.1 | Aisle width for pallets 1000 × 1200 crossways | Ast (mm) | 3695 ³⁾ | 3695 ³⁾ | 3695 ³⁾ |
| | 4.34.2 | Aisle width with pallet 800 × 1200 lengthways | Ast (mm) | 3895 ³⁾ | 3895 ³⁾ | 3895 ³⁾ |
| | 4.35 | Turning radius | Wa (mm) | 2121 | 2121 | 2121 |
| | 4.36 | Inside turning radius | b13 (mm) | 638 | 638 | 638 |
| Performance | 5.1 | Travel speed, laden/unladen | km/h | 20/20 | 20/20 | 20/20 |
| | 5.2 | Lifting speed, laden/unladen | m/s | 0.6/0.63 | 0.6/0.63 | 0.6/0.63 |
| | 5.3 | Lowering speed, laden/unladen | m/s | 0.57/0.57 | 0.57/0.57 | 0.57/0.57 |
| | 5.5 | Drawbar pull, laden/unladen | N | 12900/10700 | 12900/10700 | 12900/10700 |
| | 5.7 | Gradeability, laden/unladen | % | 27.0/36.0 | 27.0/36.0 | 27.0/36.0 |
| | 5.9 | Acceleration time, laden/unladen | s | 5.4/4.7 | 5.3/4.6 | 5.3/4.6 |
| Combustion-engine | 5.10 | Service brake | | hydrostatic | hydrostatic | hydrostatic |
| | 7.1 | Engine manufacturer/type | | Deutz TD 2.2 L3 | Deutz G 2.2 L3 | Deutz G 2.2 L3 |
| | 7.2 | Engine power according to ISO 1585 | kW | 30 | 30 | 30 |
| | 7.3 | Rated speed | 1/min | 2200 | 2200 | 2200 |
| | 7.4 | Number of cylinders/displacement | -/cm ³ | 3.0/2194.0 | 3.0/2194.0 | 3.0/2194.0 |
| | 7.5 | Fuel consumption according to DIN EN 16796 | l/h | 2.4 | - | - |
| | 7.5a | Fuel consumption according to DIN EN 16796 | kg/h | - | 2.2 | - |
| | 7.5b | Fuel consumption according to VDI cycle | m3/h | - | - | 2.4 (H); 2.6 (L) ⁴⁾ |
| | 7.5.1 | CO ₂ equivalent according to EN 16796 | kg/h | 7.6 | 7.5 | 5.9 (H); 6.4 (L) ⁴⁾ |
| | 7.6 | Turnover output according to VDI 2198 | t/h | 160.0 | 160.0 | 160.0 |
| | 7.7 | Turnover efficiency according to VDI 2198 | t/l | 45.7 | 51.6 | - |
| Drive | 8.1 | Type of drive unit | | hydrost./stepl. | hydrost./stepl. | hydrost./stepl. |
| Additional data | 10.1 | Operating pressure for attachments | bar | 170 | 170 | 170 |
| | 10.2 | Oil flow for attachments | l/min | 38 | 38 | 38 |
| | 10.7 | Sound pressure level LpAZ (at the operator's seat) | dB(A) | 80 | 80 | 80 |
| | 10.8 | Towing coupling, type DIN 15170 | | - | - | - |
| | 11.2 | Static stability | | 1.57 | 1.59 | 1.60 |

1) Lift height and equipment can alter rear mast tilt angle 4) (H)= high quality, (L)= low quality

2) With 150 mm free lift

3) Including a 200 mm (min.) operating aisle clearance



MAST TABLES

STANDARD MAST (mm)

| Series | 1521 | | | | | |
|---------------------------------|----------------------|---------|----------------------|---------|----------------------|---------|
| Lift | h3: 3150 | | h3: 3850 | | h3: 4250 | |
| Height measurements | h1: 2121 h4: 3753 | h2: 150 | h1: 2471 h4: 4453 | h2: 150 | h1: 2671 h4: 4853 | h2: 150 |
| Manufacturer's type designation | | | | | | |
| H16 | ○ | | ○ | | ○ | |
| H18 | ○ | | ○ | | ○ | |
| H20 | ○ | | ○ | | ○ | |

DUPLEX MAST (mm)

| Series | 1521 | | | |
|---------------------------------|----------------------|----------|----------------------|----------|
| Lift | h3: 3145 | | h3: 3845 | |
| Height measurements | h1: 2121 h4: 3747 | h2: 1518 | h1: 2471 h4: 4447 | h2: 1868 |
| Manufacturer's type designation | | | | |
| H16 | ○ | | ○ | |
| H18 | ○ | | ○ | |
| H20 | ○ | | ○ | |

TRIPLEX MAST (mm)

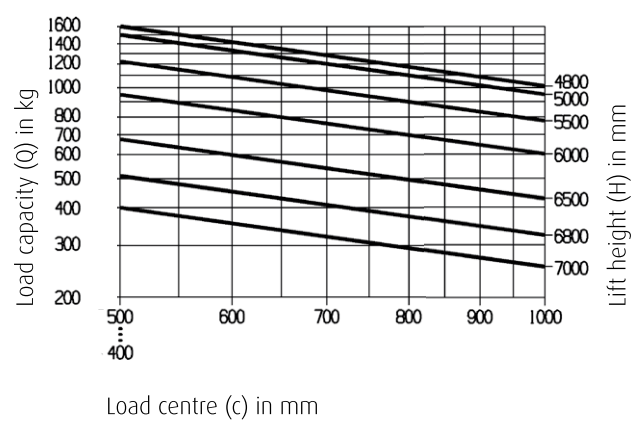
| Series | 1521 | | | |
|---------------------------------|----------------------|----------|----------------------|----------|
| Lift | h3: 4625 | | h3: 5475 | |
| Height measurements | h1: 2121 h4: 5227 | h2: 1519 | h1: 2471 h4: 6077 | h2: 1869 |
| Manufacturer's type designation | | | | |
| H16 | ○ | | ○ | |
| H18 | ○ | | ○ | |
| H20 | ○ | | ○ | |

○ Optional equipment
h1: Mast height, lowered **h2:** Free lift **h3:** Lift **h4:** Mast height, extended

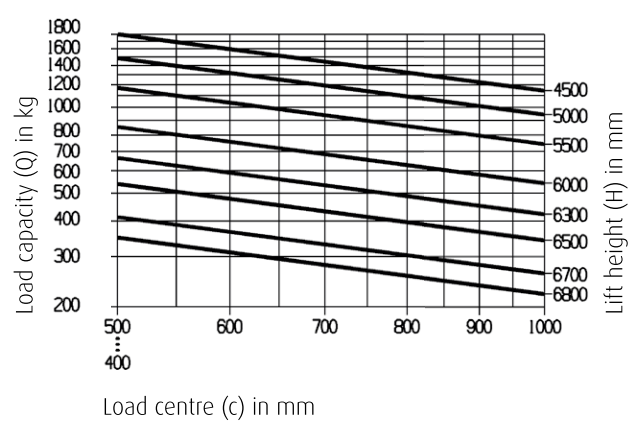
Figures for other equipments and triplex masts on request

LOAD CAPACITY

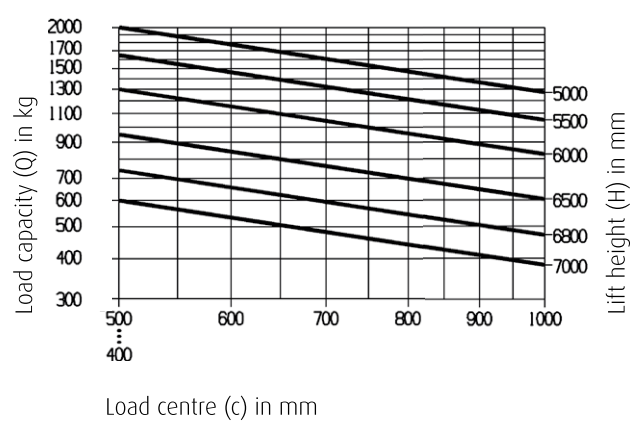
H16



H18



H20



STANDARD AND OPTIONAL EQUIPMENT

| Manufacturer's type designation/equipment | | H16 – H20 D | H16 – H20 T | H16 – H20 CNG |
|---|---|-------------|-------------|---------------|
| Workplace | Ergonomic and safe truck access due to a low entry step and grab handle on A-pillar | ● | ● | ● |
| | Innovative decoupling concept reducing vibrations for operator | ● | ● | ● |
| | Adjustable steering column tilt | ○ | ○ | ○ |
| | Container overhead guard: height 2133 mm | ● | ● | ● |
| | Operator's seat – quick, easy mechanical weight adjustment aids operator comfort | ● | ● | ● |
| | Different operator's seat options: heated seats, air suspension, active seat ventilation | ○ | ○ | ○ |
| | Swivelling seat for easier on/off access | ○ | ○ | ○ |
| | 3.5" LED colour display with steering angle, tilt angle display, fuel gauge, clock, hour meter and servicing information | ● | ● | ● |
| | Display shows engine oil pressure, engine overheating, parking brake, audible warning signal for engine and hydraulic oil temperature, blocked intake filter and low fuel consumption | ● | ● | ● |
| | Armoured glass top screen | ○ | ○ | ○ |
| | Radio incl. DAB+, MP3 player and bluetooth hands-free kit | ○ | ○ | ○ |
| | Cabin doors with sliding window and door monitoring (complies with EN 16307-01 for the monitoring of restraint systems) | ○ | ○ | ○ |
| | Illuminated DIN A4 clip board | ○ | ○ | ○ |
| | Hot water heating/air conditioning with demist function and rear window heating | ○ | ○ | ○ |
| Drive and brake system | Linde hydrostatic transmission for exceptional truck control and low fuel consumption | ● | ● | ● |
| | Deutz Diesel Engine EU 2016/1628 Stage 5 | ● | – | – |
| | Deutz CNG Engine EU 2016/1628 Stage 5 | – | – | ● |
| | Deutz LPG Engine EU 2016/1628 Stage 5 | – | ● | – |
| | Volumetric LPG tank (45l) including fill level indicator in the display | – | ○ | – |
| | LPG truck fitted with accurate ultrasonic fuel level indicator for exchange bottles | – | ● | – |
| | Diesel particulate filter, oxidation catalysts, exhaust gas recirculation | ● | – | – |
| | 3-way catalytic converter | – | ● | ● |
| | Linde Engine Protection System (LEPS) – audible warning and speed reduction in critical engine conditions | ● | ● | ● |
| | Hydraulic parking brake | ● | ● | ● |
| | Hydraulic filter concept – hydraulic oil change after 6000 hours | ● | ● | ● |
| | Power settings: Economy, Efficiency, Performance | ○ | ○ | ○ |
| Axles and tyres | Super-elastic (SE) tyres | ● | ● | ● |
| | High performance Closed Shoulder tyres CS20 | ○ | ○ | ○ |
| | Pneumatic tyres | ○ | ○ | ○ |
| | Anti-static tyres, non-marking | ○ | ○ | ○ |
| | Dirt deflectors/mud guards, front and rear | ○ | ○ | ○ |
| Mast | Top mounted tilt cylinders – for precise load handling at high lift heights | ● | ● | ● |
| | Best visibility through standard, duplex, triplex mast | ● | ● | ● |
| | Electronic end-position cushioning with tilt stop | ● | ● | ● |
| | Hydraulic pressure accumulator protects loads and increases operator comfort over rough ground | ○ | ○ | ○ |
| Attach-ment/ forks | Reinforced Linde forks – easy to adjust and long life time | ● | ● | ● |
| | Integral roller guided sideshift with full lift capacity | ○ | ○ | ○ |
| | Integral fork positioner "View" for high residual capacities and optimized visibility | ○ | ○ | ○ |
| Safety | Linde Curve Assist – automatic reduction of travel speed around corners aids stability | ● | ● | ● |
| | Electrical seat belt monitoring – visual and audible feedback | ● | ● | ● |
| | Linde Load Assist – increased safety at high lift heights | ● | ● | ● |
| | BlueSpot and TruckSpot – visual drive path warning for pedestrians and operators | ○ | ○ | ○ |
| | Load weight indicator incl. tare function – load weight indicator including load-dependent drive and lift limitation | ○ | ○ | ○ |
| | Linde Safety Pilot – load-dependent driving and lifting speed regulation with additional functions | ○ | ○ | ○ |
| | Linde Safety Guard – visual and audible proximity warning between trucks or between trucks and pedestrians | ○ | ○ | ○ |
| | Speed restriction options (via switch, indoor/outdoor, load-dependent) | ○ | ○ | ○ |
| | High safety and stability ensured by Linde Protector Frame | ● | ● | ● |
| | Different lighting options truck lighting, working lamps, LED stripes, VertiLights | ○ | ○ | ○ |
| Digitalisation | Online data transmission | ○ | ○ | ○ |
| | WiFi data transmission | ○ | ○ | ○ |
| | Linde Fleet Management (local and cloud-based fleet management with various modules) | ○ | ○ | ○ |
| | Linde Pre-Op Check – customisable daily inspection log to check the readiness of the truck for operation | ○ | ○ | ○ |
| Operation/ load handling | Twin pedal control – smooth acceleration and quick reversing | ● | ● | ● |
| | Single pedal control – smooth acceleration and fast manoeuvring | ○ | ○ | ○ |
| | Linde Load Control – central control lever fully integrated into the armrest for precise control of all hydraulic functions | ● | ● | ● |
| | Individual lever control of working hydraulics, levers mounted on armrest | ○ | ○ | ○ |

CHARACTERISTICS



Linde Protector Frame

Safety

- Linde Protector Frame for the highest level of operator safety
- Particularly slim lift mast profile for optimum visibility
- Linde Curve Assist for reduced speed around corners, reducing the risk of the forklift truck tipping over
- Linde Engine Protection System for monitoring important engine operating parameters such as oil pressure, coolant level and temperature



Driver workplace

Ergonomics

- Spacious cabin with a large footwell, comfortable seat and automotive ambience for low-fatigue working
- Ergonomic configuration of all controls with adjustable armrest and seat for efficient, comfortable working
- Precise and sensitive control of all mast and lifting movements for effortless manoeuvring
- Operator's cab, mast and drive axle isolated from chassis for almost vibration and shock-free operation



Linde Load Control

Handling

- Hydrostatic direct drive for responsive, smooth and precise movement
- Durable diesel, LPG or natural gas engines ensure high torque and minimal fuel consumption
- Twin or single pedal control for efficient operation
- Linde Load Control for pin-point precision control of all mast functions



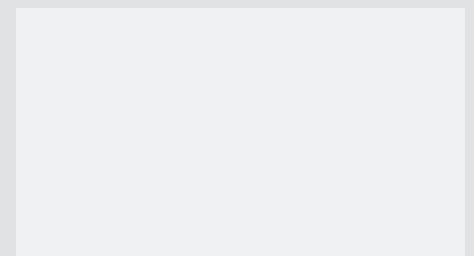
Easy service access

Service

- Maintenance-free mounting of axles and tilt cylinders for minimal downtime and operating costs
- Linde hydrostatic transmission reduces service costs, guarantees excellent availability and increases handling performance
- Easy access to maintenance components for fast servicing and increased truck availability
- Rapid diagnostics via laptop

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.

Presented by:



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