



Internal Combustion Engine Counterbalance Truck

H16 - H20

3140 - 4500 lb. Capacity

Series 391-02

- 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

STANDARD & OPTIONAL EQUIPMENT

| | Model/Equipment | H16 - H20 T |
|--|---|-------------|
| Workplace | Ergonomic and safe truck access due to a low entry step and grab handle on A-pillar | ● |
| | Innovative decoupling concept for lowest human vibrations | ● |
| | Tilt adjustable steering column | ○ |
| | Container overhead guard: height 84 inch | ● |
| | Operator's seat - fast mechanical weight adjustment | ● |
| | Additional seating options such as heating, air suspension, active seat ventilation, longitudinal suspension | ○ |
| | Swiveling operator's seat | ○ |
| | Antiglare display with 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 | ● |
| | Armored glass top window | ○ |
| | DAB+, MP3 Player incl. bluetooth hands-free equipment | ○ |
| | Doors with opening window | ○ |
| | Illuminated clipboard | ○ |
| | Warm water heater incl. demister/air conditioning | ○ |
| Drive and Brake System | Linde Hydrostatic Drive - for high productivity and low fuel consumption | ● |
| | Deutz LPG Engine - Fully EPA and CARB compliant | ● |
| | LPG truck fitted with accurate ultrasonic fuel level indicator for exchange bottles | ● |
| | 3-Way catalytic converter | ● |
| | Engine air filter including safety elements | ● |
| | Linde Engine Protection System (LEPS)- warning, speed reduction under critical engine conditions | ● |
| | Hydraulic parking brake | ● |
| | Oversized, variable displacement pump for lifting functions - reduces fuel consumption, noise and gaseous emissions | ● |
| | High performance hydraulic filter concept, guarantees maximum oil purity and extends life of all hydraulic components | ● |
| | Power settings - efficiency, economy or performance | ○ |
| Axles and Tyres | Super Elastic (SE) tyres | ● |
| | Closed Shoulder tyres CS 20 | ○ |
| | Pneumatic tyres | ○ |
| | Antistatic, non-marking tyres | ○ |
| | Anti-spray mudflaps front and rear | ○ |
| Mast | Top mounted tilt cylinders - including maintenance free bearings | ● |
| | Best visibility through standard, duplex, triplex mast | ● |
| | Electronically damped tilt stop | ● |
| Attach-ment/ Fork | Hydraulic accumulator protects fragile loads over rough ground | ○ |
| | Integral roller guided sideshift with full lift capacity | ○ |
| | Integral fork positioner "View" for high residual capacities and optimized visibility | ○ |
| CONFIDENCE | Linde Curve Assist - automatic drive speed reduction when cornering | ● |
| | Electric seat belt monitoring - visual and acoustic feedback | ● |
| | Linde Load Assist - increased safety at high lift heights | ● |
| | BlueSpot and TruckSpot - optical warning signal for pedestrians and operators | ○ |
| | Load weight indicator | ○ |
| | load-dependent travel and lifting speed intervention plus additional functions | ○ |
| | Linde Guardian - truck to truck warning and truck to pedestrian warning | ○ |
| | Speed limitations (via switch, indoor-outdoor, load depending) | ○ |
| | Stability ensured by Linde Protector Frame | ● |
| Different lighting options truck lighting, working lamps, LED stripes, VertiLights | ○ | |
| Digitalisation | Data Transmission Online | ○ |
| | Data Transmission Wifi | ○ |
| | Linde connect:desk - local fleet management with different functional modules | ○ |
| | Linde connect:cloud - fleet management as a service (hosted version) | ○ |
| | Pre-Operation Check - individualisable daily check protocol for operational readiness | ○ |
| Operation/ Load Handling | Twin pedal control - stepless acceleration and fast reversing | ● |
| | Single pedal control - stepless acceleration | ○ |
| | Linde Load Control - integrated into armrest for precise control of all hydraulic functions | ● |
| | Individual Lever System | ● |

● Standard equipment ○ Optional equipment – Not available

ANSI: Standard truck meets all applicable mandatory requirements of ANSI/ISO B564 standards for powered industrial trucks.
 NOTE: Performance data may vary due to motor and system efficiency tolerances. The performance depicted represents nominal values obtained under typical operating conditions. Metric dimensions are in millimeters unless otherwise specified. All metric dimensions are not direct equivalents due to rounding data. The descriptions and specifications included on this data sheet were in effect at the time of printing. KION North America Corporation reserves the right to make improvements and changes in specification or design without incurring obligation. Please check with your authorized Linde dealer for information on possible updates or revisions.

H16 - H20 TECHNICAL DATA

| | | | | LINDE | | LINDE | | | | | |
|-------------------|---------------------------------|--|---|-------|----------------------|--------------------|-------------------------|-------------------------|---------------------|-------------------------|---------------------|
| | | | | H16T | | H18T | | | | | |
| WWCharacteristics | 1.1 | Manufacturer | | | 391-02 | | 391-02 | | | | |
| | 1.2 | Manufacturer's type designation | | | Liquid Propane | | Liquid Propane | | | | |
| | 1.2a | Series | | | Seat | | Seat | | | | |
| | 1.3 | Power unit | | | 3140 | | 3540 | | | | |
| | 1.4 | Operation | | | 1430 | | 1610 | | | | |
| | 1.5 | Load capacity/Load | Q | lb. | kg | 24 | 600 | 24 | 600 | | |
| | 1.6 | Load centre distance | c | inch | mm | 14.4 | 365 | 14.6 | 370 | | |
| | 1.8 | Axle centre to fork face | x | inch | mm | 63.0 | 1,600 | 63.0 | 1,600 | | |
| | 1.9 | Wheelbase | y | inch | mm | 6039 | 2,745 | 6437 | 2,920 | | |
| Weights | 2.1 | Service weight | | | lb. | kg | 8410/1168 | 3,815 / 530 | 9124/1280 | 4,139 / 581 | |
| | 2.2 | Axle load, with load, front/rear | | | lb. | kg | 2976/305 | 1,350 / 1,395 | 2998/3439 | 1,360 / 1,560 | |
| | 2.3 | Axle load, without load, front/rear | | | lb. | kg | | | | | |
| Wheels/Tyres | 3.1 | Tyres rubber, SE, pneumatic, polyurethane | | | SE & Cushion | | SE & Cushion | | | | |
| | 3.2 | Tyre size, front | | | (18x7-8) & (18x7x12) | | (200/50-10) & (18x7x12) | | | | |
| | 3.3 | Tyre size, rear | | | (18x7-8) & (18x6x12) | | (18x7-8) & (18x6x12) | | | | |
| | 3.5 | Wheels, number front/rear (x = driven) | | | 2x / 2 | | 2x / 2 | | | | |
| | 3.6 | Track width, front | b10 | inch | mm | 36.6 | 930 | 36.6 | 930 | | |
| | 3.7 | Track width, rear | b11 | inch | mm | 34.4 | 873 | 34.4 | 873 | | |
| | DimensionsW | 4.1 | Mast/fork carriage tilt, forward/backward | | | α/β (°) | | 6.0 / 9.0 ¹⁾ | | 6.0 / 9.0 ¹⁾ | |
| 4.2 | | Height of mast, lowered | | | h1 | inch | mm | chart | | chart | |
| 4.3 | | Free lift | | | h2 | inch | mm | chart | | chart | |
| 4.4 | | Lift | | | h3 | inch | mm | chart | | chart | |
| 4.5 | | Height of mast, extended | | | h4 | inch | mm | chart | | chart | |
| 4.7 | | Height of overhead guard (cabin) | | | h6 | inch | mm | 83.6 | 2,123 | 83.6 | 2,123 |
| 4.8 | | Seat height relating to SIP/stand height | | | h7 | inch | mm | 42 | 1,067 | 42 | 1,067 |
| 4.12 | | Towing coupling height | | | h10 | inch | mm | 20.9 | 530 | 20.9 | 530 |
| 4.19 | | Overall length | | | l1 | inch | mm | 126.4 | 3,211 | 127.0 | 3,227 |
| 4.20 | | Length to fork face | | | l2 | inch | mm | 91.0 | 2,311 | 91.6 | 2,327 |
| 4.21 | | Overall width | | | b1/b2 | inch | mm | 42.8 | 1,086 | 42.8 | 1,086 |
| 4.23 | | Fork carriage | | | | | class 2 | | class 2 | | |
| 4.24 | | Width of fork carriage | | | b3 | inch | mm | 38.6 | 980 | 38.6 | 980 |
| 4.31 | | Ground clearance, below mast | | | m1 | inch | mm | 3.7 | 93 | 3.6 | 92 |
| 4.32 | | Ground clearance, centre of wheelbase | | | m2 | inch | mm | 4.7 | 119 | 4.6 | 118 |
| 4.34.1 | | Aisle width for pallets 1000 x 1200 crossways | | | Ast | inch | mm | 153.8 ²⁾ | 3906 | 154.0 ²⁾ | 3911 |
| 4.34.2 | | Aisle width with pallet 800 x 1200 along forks | | | Ast | inch | mm | 97.9 ³⁾ | 2,486 ³⁾ | 98.0 ³⁾ | 2,491 ³⁾ |
| 4.35 | Turning radius | | | Wa | inch | mm | 83.5 | 2,121 | 83.5 | 2,121 | |
| 4.36 | Minimum pivoting point distance | | | b13 | inch | mm | 23.8 | 600 | 23.8 | 600 | |
| Performance | 5.1 | Travel speed, with/without load | | | mph | km/h | 12.4 / 12.4 | 20 / 20 | 12.4 / 12.4 | 20 / 20 | |
| | 5.2 | Lifting speed, with/without load | | | f/m | m/s | 118 / 124 | 0.6 / 0.63 | 118 / 124 | 0.6 / 0.63 | |
| | 5.3 | Lowering speed, with/without load | | | f/m | m/s | 112 / 112 | 0.57 / 0.57 | 112 / 112 | 0.57 / 0.57 | |
| | 5.5 | Tractive force, with/without load | | | | | N | 2900 / 2225 | 12,900 / 9,900 | 12,900 / 10,300 | |
| | 5.7 | Climbing ability, with/without load | | | | | % | 32.0 / 37.0 | 29.0 / 36.0 | | |
| | 5.9 | Acceleration time, with/without load | | | | | sec | 5.1 / 4.5 | 5.3 / 4.6 | | |
| | 5.10 | Service brake | | | | | | hydrostatic | hydrostatic | | |
| IC-Drive | 7.1 | Engine manufacturer/type | | | | | Deutz G 2.2 L3 | | Deutz G 2.2 L3 | | |
| | 7.2 | Engine power | | | hp | 40.8 | 40.8 | 30 | 40.8 | 30 | |
| | 7.3 | Rated speed | | | | | rpm | 2200 | 2200 | | |
| | 7.4 | Number of cylinders / displacement | | | | | 3/in ³ | 3/cm ³ | 3 / 133.9 | 3 / 2,194 | |
| Characteristics | 8.1 | Type of drive unit | | | | | hydrost./stepl. | | hydrost./stepl. | | |
| | Othes | 10.1 | Operating pressure for attachments | | | psi | bar | 2466 | 170 | 2466 | 170 |
| 10.2 | | Oil flow for attachments | | | gpm | l/min | 10 | 38 | 10 | 38 | |
| 10.7 | | Sound pressure level LpAZ (at the driver's seat) | | | | | dB(A) | 80 | 80 | | |
| 11.2 | | Static stability | | | | | | 1.66 | 1.59 | | |

- 1) Lift height and equipment can alter rear mast tilt angle
- 2) includes 8" of operational clearance
- 3) add load length, add operational clearance
- 4) 10mph with cushion tires

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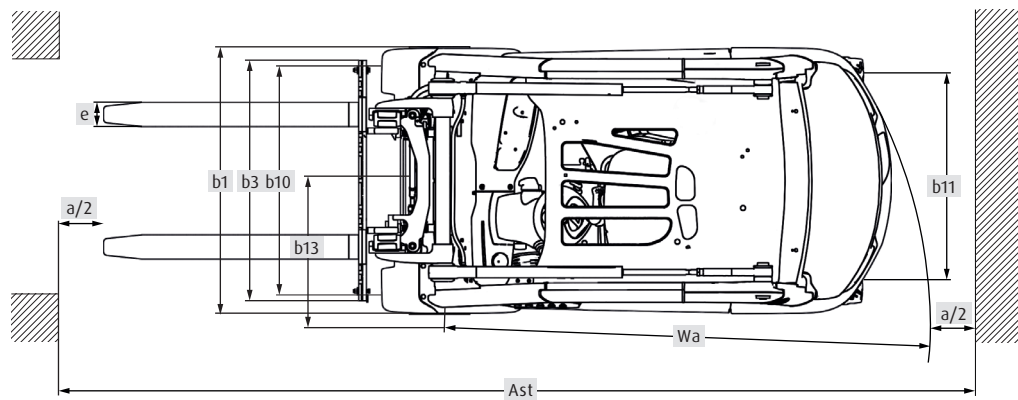
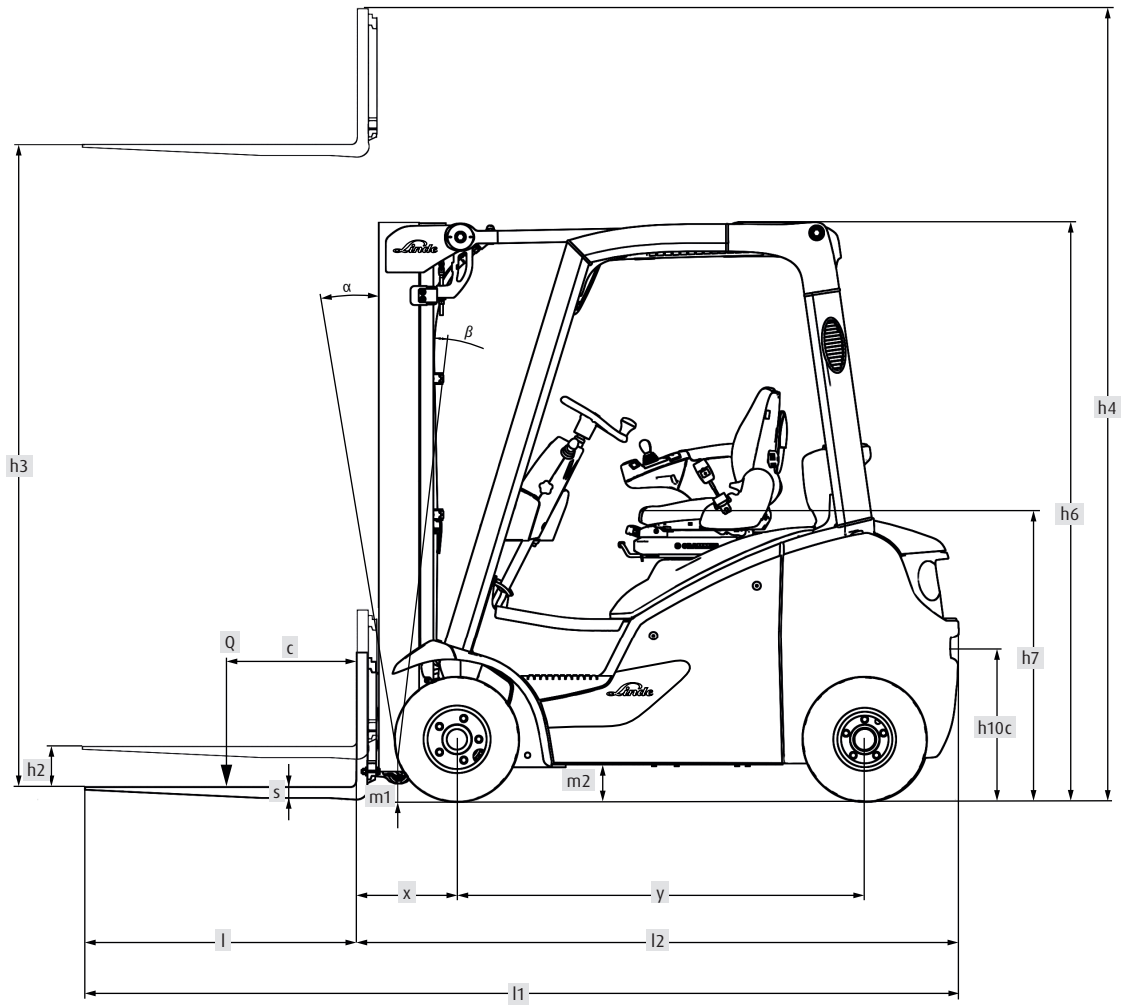
H16 - H20 TECHNICAL DATA

| | | | | | | | | | |
|-------------------|---------------------------------|--|---|-------------------|--------------------|-------------------------|-------------------------|-------------------------|---------------------|
| WWCharacteristics | 1.1 | Manufacturer | | | | LINDE | LINDE | | |
| | 1.2 | Manufacturer's type designation | | | | H20T | H20T/600 | | |
| | 1.2a | Series | | | | 391-02 | 391-02 | | |
| | 1.3 | Power unit | | | | Liquid Propane | Liquid Propane | | |
| | 1.4 | Operation | | | | Seat | Seat | | |
| | 1.5 | Load capacity/Load | Q | lb. | kg | 4000 | 1790 | 4500 | 2045 |
| | 1.6 | Load centre distance | c | inch | mm | 24 | 600 | 24 | 600 |
| | 1.8 | Axle centre to fork face | x | inch | mm | 14.6 | 370 | 14.6 | 370 |
| | 1.9 | Wheelbase | y | inch | mm | 63.0 | 1,600 | 63.0 | 1,600 |
| Weights | 2.1 | Service weight | | lb. | kg | 6437 | 3,110 | 6952 | 3160 |
| | 2.2 | Axle load, with load, front/rear | | lb. | kg | 9124 / 1280 | 4,483 / 628 | 10186 / 1166 | 4,630 / 530 |
| | 2.3 | Axle load, without load, front/rear | | lb. | kg | 2998 / 3439 | 1,390 / 1,720 | 3080 / 3872 | 1,400 / 1,760 |
| Wheels/Tyres | 3.1 | Tyres rubber, SE, pneumatic, polyurethane | | | | SE & Cushion | Cushion only | | |
| | 3.2 | Tyre size, front | | | | (200/50-10) & (18x7x12) | 18x7x12 | | |
| | 3.3 | Tyre size, rear | | | | (18x7-8) & (18x6x12) | 18x6x12 | | |
| | 3.5 | Wheels, number front/rear (x = driven) | | | | 2x / 2 | 2x / 2 | | |
| | 3.6 | Track width, front | b10 | inch | mm | 37.2 | 945 | 37.2 | 914 |
| | 3.7 | Track width, rear | b11 | | mm | 34.4 | 873 | 34.4 | 851 |
| | DimensionsW | 4.1 | Mast/fork carriage tilt, forward/backward | | α/β (°) | | 6.0 / 9.0 ¹⁾ | 6.0 / 9.0 ¹⁾ | |
| 4.2 | | Height of mast, lowered | h1 | inch | mm | chart | chart | | |
| 4.3 | | Free lift | h2 | inch | mm | chart | chart | | |
| 4.4 | | Lift | h3 | inch | mm | chart | chart | | |
| 4.5 | | Height of mast, extended | h4 | inch | mm | chart | chart | | |
| 4.7 | | Height of overhead guard (cabin) | h6 | inch | mm | 83.6 | 2,123 | 83.6 | 2,123 |
| 4.8 | | Seat height relating to SIP/stand height | h7 | inch | mm | 42 | 1,067 | 42 | 1,067 |
| 4.12 | | Towing coupling height | h10 | inch | mm | 20.9 | 530 | 20.9 | 530 |
| 4.19 | | Overall length | l1 | inch | mm | 127.2 | 3,231 | 127.2 | 3,231 |
| 4.20 | | Length to fork face | l2 | inch | mm | 91.8 | 2,331 | 91.8 | 2,331 |
| 4.21 | | Overall width | b1/b2 | inch | mm | 45.3 | 1,152 | 43.0 | 1092 |
| 4.23 | | Fork carriage | | | | class 2 | class 2 | | |
| 4.24 | | Width of fork carriage | b3 | inch | mm | 38.6 | 980 | 38.6 | 980 |
| 4.31 | | Ground clearance, below mast | m1 | inch | mm | 3.7 | 95 | 3.7 | 95 |
| 4.32 | | Ground clearance, centre of wheelbase | m2 | inch | mm | 4.7 | 121 | 4.7 | 121 |
| 4.34.1 | | Aisle width for pallets 1000 x 1200 crossways | Ast | inch | mm | 154.0 ²⁾ | 3911 | 154.0 ²⁾ | 3911 |
| 4.34.2 | | Aisle width with pallet 800 x 1200 along forks | Ast | inch | mm | 98.0 ³⁾ | 2,491 ³⁾ | 98.0 ³⁾ | 2,491 ³⁾ |
| 4.35 | Turning radius | Wa | inch | mm | 83.5 | 2,121 | 83.5 | 2,121 | |
| 4.36 | Minimum pivoting point distance | b13 | inch | mm | 25.1 | 638 | 25.1 | 638 | |
| Performance | 5.1 | Travel speed, with/without load | | mph | km/h | 12.4 / 12.4 | 20 / 20 | 12.4 / 12.4 | 16 / 16 |
| | 5.2 | Lifting speed, with/without load | | f/m | m/s | 118 / 124 | 0.6 / 0.63 | 118 / 124 | 0.6 / 0.63 |
| | 5.3 | Lowering speed, with/without load | | f/m | m/s | 112 / 112 | 0.57 / 0.57 | 112 / 112 | 0.57 / 0.57 |
| | 5.5 | Tractive force, with/without load | | | N | 2900 / 2505 | 12,900 / 10,700 | 2900 / 2505 | 12,900 / 10,700 |
| | 5.7 | Climbing ability, with/without load | | | % | 27.0 / 36.0 | | 26.0 / 36.0 | |
| | 5.9 | Acceleration time, with/without load | | | sec | 5.4 / 4.7 | | 5.5 / 4.8 | |
| | 5.10 | Service brake | | | | hydrostatic | | hydrostatic | |
| IC-Drive | 7.1 | Engine manufacturer/type | | | | Deutz G 2.2 L3 | Deutz G 2.2 L3 | | |
| | 7.2 | Engine power | | hp | 40.8 | 40.8 | 30 | 40.8 | 30 |
| | 7.3 | Rated speed | | rpm | | 2200 | | 2200 | |
| | 7.4 | Number of cylinders / displacement | | 3/in ³ | 3/cm ³ | 3 / 133.9 | 3 / 2,194 | 3 / 133.9 | 3 / 2,194 |
| Characteristics | 8.1 | Type of drive unit | | | | hydrost./stepl. | hydrost./stepl. | | |
| Othes | 10.1 | Operating pressure for attachments | | psi | bar | 2466 | 170 | 2466 | 170 |
| | 10.2 | Oil flow for attachments | | gpm | l/min | 10 | 38 | 10 | 38 |
| | 10.7 | Sound pressure level LpAZ (at the driver's seat) | | | dB(A) | 80 | | 80 | |
| | 11.2 | Static stability | | | | 1.57 | | 1.43 | |

- 1) Lift height and equipment can alter rear mast tilt angle
- 2) includes 8" of operational clearance
- 3) add load length, add operational clearance
- 4) 10mph with cushion tires

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H16 - H20 TECHNICAL DATA



H16 - H20 MAST TABLES

H16

For ISS & ISSFP, forks cannot be longer than 60" long

1.75" x 4" x 48" Forks Class 2

SGL 18x7-12.125 CUSH or SGL 18-7-12.125 SE **Cascade HOSS 55F-55S-2-0211

| | | Mast Table | | | | | | Capacity @ Load Center | | | | | | | | | |
|---------|-------|----------------|-------|-------------|------|-----------|-----------|------------------------|------|---------------|------|----------------------|------|------------------------|------|------------------------------|----|
| | | Lowered Height | | Lift Height | | Free Lift | | Tilt° | | Std. Carriage | | Integral SS Carriage | | Integral SSFP Carriage | | 38" HOSS** 55F-55S-2-0211 | |
| | | h1 | | h3 | | h2 | | | | | | | | | | | |
| | | in | mm | in | mm | in | mm | | | lb | kg | lb | kg | lb | kg | lb | kg |
| Simplex | 86.5 | 2196 | 124.0 | 3150 | 0.0 | 0 | 6° F/9° B | | 3225 | 1470 | 3075 | 1400 | 3050 | 1390 | 3000 | 1370 | |
| | 94.3 | 2396 | 139.8 | 3550 | 0.0 | 0 | 6° F/9° B | | 3225 | 1470 | 3075 | 1400 | 3050 | 1390 | 3000 | 1370 | |
| | 100.2 | 2546 | 151.6 | 3850 | 0.0 | 0 | 6° F/9° B | | 3225 | 1470 | 3075 | 1400 | 3050 | 1390 | 3000 | 1370 | |
| | 108.1 | 2746 | 167.3 | 4250 | 0.0 | 0 | 6° F/9° B | | 3225 | 1470 | 2975 | 1360 | 2975 | 1350 | 3000 | 1370 | |
| | 116.0 | 2946 | 183.1 | 4650 | 0.0 | 0 | 6° F/9° B | | 3225 | 1470 | 2575 | 1170 | 2550 | 1160 | 3000 | 1370 | |
| Duplex | 83.5 | 2121 | 123.8 | 3145 | 59.8 | 1518 | 6° F/9° B | | 3225 | 1470 | 3075 | 1400 | 3050 | 1390 | 3000 | 1370 | |
| | 91.4 | 2321 | 139.6 | 3545 | 67.6 | 1718 | 6° F/9° B | | 3225 | 1470 | 3075 | 1400 | 3050 | 1390 | 3000 | 1370 | |
| | 97.3 | 2471 | 151.4 | 3845 | 73.5 | 1868 | 6° F/9° B | | 3225 | 1470 | 3075 | 1400 | 3050 | 1390 | 3000 | 1370 | |
| Triplex | *** | *** | 163.8 | 4160 | *** | *** | *** | | *** | *** | 2700 | 1230 | 2650 | 1210 | *** | *** | |
| | 83.5 | 2121 | 182.1 | 4625 | 59.8 | 1519 | 6° F/9° B | | 3225 | 1470 | 2600 | 1190 | 2575 | 1170 | 3000 | 1370 | |
| | 87.4 | 2221 | 193.9 | 4925 | 63.7 | 1619 | 6° F/9° B | | 2975 | 1350 | 2275 | 1040 | 2250 | 1030 | 2750 | 1250 | |
| | 91.4 | 2321 | 205.7 | 5225 | 67.7 | 1719 | 6° F/9° B | | 2600 | 1190 | 1950 | 890 | 1925 | 880 | 2425 | 1100 | |
| | 97.3 | 2471 | 215.6 | 5475 | 73.6 | 1869 | 6° F/9° B | | 2350 | 1070 | 1675 | 770 | 1675 | 760 | 2150 | 980 | |
| | 105.2 | 2671 | 239.2 | 6075 | 81.5 | 2069 | 6° F/9° B | | 1675 | 760 | 1050 | 480 | 1000 | 460 | 1500 | 690 | |
| | 109.1 | 2771 | 251.0 | 6375 | 85.4 | 2169 | 6° F/9° B | | 1325 | 610 | 725 | 330 | 700 | 320 | 1200 | 550 | |

H18

For ISS & ISSFP, forks cannot be longer than 60" long

1.75" x 4" x 48" Forks Class 2

SGL 18x7-12.125 CUSH or SGL 18-7-12.125 SE **Cascade HOSS 55F-55S-2-0211

| | | Mast Table | | | | | | Capacity @ Load Center | | | | | | | | | |
|---------|-------|----------------|-------|-------------|------|-----------|-----------|------------------------|------|---------------|------|----------------------|------|------------------------|------|------------------------------|----|
| | | Lowered Height | | Lift Height | | Free Lift | | Tilt° | | Std. Carriage | | Integral SS Carriage | | Integral SSFP Carriage | | 38" HOSS** 55F-55S-2-0211 | |
| | | h1 | | h3 | | h2 | | | | | | | | | | | |
| | | in | mm | in | mm | in | mm | | | lb | kg | lb | kg | lb | kg | lb | kg |
| Simplex | 86.5 | 2196 | 124.0 | 3150 | 0.0 | 0 | 6° F/9° B | | 3725 | 1690 | 3525 | 1610 | 3525 | 1600 | 3450 | 1570 | |
| | 94.3 | 2396 | 139.8 | 3550 | 0.0 | 0 | 6° F/9° B | | 3725 | 1690 | 3525 | 1610 | 3525 | 1600 | 3450 | 1570 | |
| | 100.2 | 2546 | 151.6 | 3850 | 0.0 | 0 | 6° F/9° B | | 3725 | 1690 | 3525 | 1610 | 3525 | 1600 | 3450 | 1570 | |
| | 108.1 | 2746 | 167.3 | 4250 | 0.0 | 0 | 6° F/9° B | | 3725 | 1690 | 3525 | 1610 | 3525 | 1600 | 3450 | 1570 | |
| | 116.0 | 2946 | 183.1 | 4650 | 0.0 | 0 | 6° F/9° B | | 3725 | 1690 | 3150 | 1440 | 3150 | 1430 | 3450 | 1570 | |
| Duplex | 83.5 | 2121 | 123.8 | 3145 | 59.8 | 1518 | 6° F/9° B | | 3725 | 1690 | 3525 | 1610 | 3525 | 1600 | 3450 | 1570 | |
| | 91.4 | 2321 | 139.6 | 3545 | 67.6 | 1718 | 6° F/9° B | | 3725 | 1690 | 3525 | 1610 | 3525 | 1600 | 3450 | 1570 | |
| | 97.3 | 2471 | 151.4 | 3845 | 73.5 | 1868 | 6° F/9° B | | 3725 | 1690 | 3525 | 1610 | 3525 | 1600 | 3450 | 1570 | |
| Triplex | *** | *** | 163.8 | 4160 | *** | *** | *** | | *** | *** | 3525 | 1610 | 3525 | 1600 | *** | *** | |
| | 83.5 | 2121 | 182.1 | 4625 | 59.8 | 1519 | 6° F/9° B | | 3725 | 1690 | 3200 | 1460 | 3175 | 1450 | 3450 | 1570 | |
| | 87.4 | 2221 | 193.9 | 4925 | 63.7 | 1619 | 6° F/9° B | | 3625 | 1650 | 2825 | 1290 | 2800 | 1280 | 3350 | 1530 | |
| | 91.4 | 2321 | 205.7 | 5225 | 67.7 | 1719 | 6° F/9° B | | 3200 | 1460 | 2450 | 1120 | 2425 | 1110 | 2975 | 1360 | |
| | 97.3 | 2471 | 215.6 | 5475 | 73.6 | 1869 | 6° F/9° B | | 3725 | 1690 | 2150 | 980 | 2100 | 960 | 2675 | 1220 | |
| | 105.2 | 2671 | 239.2 | 6075 | 81.5 | 2069 | 6° F/9° B | | 2725 | 1240 | 1400 | 640 | 1350 | 620 | 1900 | 870 | |
| | 109.1 | 2771 | 251.0 | 6375 | 85.4 | 2169 | 6° F/9° B | | 1675 | 770 | 1025 | 470 | 975 | 450 | 1525 | 700 | |

H16 - H20 CAPACITY RATINGS

H20

For ISS & ISSFP, forks cannot be longer than 60" long

1.75" x 4" x 48" Forks Class 2

SGL 18x7-12.125 CUSH or SGL 18-7-12.125 SE **Cascade HOSS 55F-SSS-2-0211

| | | Mast Table | | | | | | Capacity @ Load Center | | | | | | | | |
|---------|-------|----------------|-------|-------------|------|-----------|-----------|------------------------|------|----------------------|------|------------------------|------|------------------------------|------|------|
| | | Lowered Height | | Lift Height | | Free Lift | | Std. Carriage | | Integral SS Carriage | | Integral SSFP Carriage | | 38" HOSS** 55F-SSS-2-0211 | | |
| | | h1 | | h3 | | h2 | | Tilt* | | | | | | | | |
| | | in | mm | in | mm | in | mm | | | lb | kg | lb | kg | lb | kg | |
| Simplex | 86.5 | 2196 | 124.0 | 3150 | 0.0 | 0 | 6° F/9° B | | 4100 | 1870 | 3925 | 1790 | 3900 | 1780 | 3825 | 1740 |
| | 94.3 | 2396 | 139.8 | 3550 | 0.0 | 0 | 6° F/9° B | | 4100 | 1870 | 3925 | 1790 | 3900 | 1780 | 3825 | 1740 |
| | 100.2 | 2546 | 151.6 | 3850 | 0.0 | 0 | 6° F/9° B | | 4100 | 1870 | 3925 | 1790 | 3900 | 1780 | 3825 | 1740 |
| | 108.1 | 2746 | 167.3 | 4250 | 0.0 | 0 | 6° F/9° B | | 4100 | 1870 | 3825 | 1740 | 3800 | 1730 | 3825 | 1740 |
| Duplex | 116.0 | 2946 | 183.1 | 4650 | 0.0 | 0 | 6° F/9° B | | 4100 | 1870 | 3325 | 1510 | 3300 | 1500 | 3825 | 1740 |
| | 83.5 | 2121 | 123.8 | 3145 | 59.8 | 1518 | 6° F/9° B | | 4100 | 1860 | 3925 | 1790 | 3900 | 1780 | 3825 | 1740 |
| | 91.4 | 2321 | 139.6 | 3545 | 67.6 | 1718 | 6° F/9° B | | 4100 | 1860 | 3925 | 1790 | 3900 | 1780 | 3825 | 1740 |
| | 97.3 | 2471 | 151.4 | 3845 | 73.5 | 1868 | 6° F/9° B | | 4100 | 1860 | 3925 | 1790 | 3900 | 1780 | 3825 | 1740 |
| Triplex | *** | *** | 163.8 | 4160 | *** | *** | *** | | *** | *** | 3925 | 1790 | 3900 | 1780 | *** | *** |
| | 83.5 | 2121 | 182.1 | 4625 | 59.8 | 1519 | 6° F/9° B | | 4100 | 1860 | 3350 | 1520 | 3325 | 1510 | 3800 | 1730 |
| | 87.4 | 2221 | 193.9 | 4925 | 63.7 | 1619 | 6° F/9° B | | 4000 | 1820 | 2975 | 1350 | 2950 | 1340 | 3725 | 1690 |
| | 91.4 | 2321 | 205.7 | 5225 | 67.7 | 1719 | 6° F/9° B | | 3550 | 1620 | 2600 | 1180 | 2550 | 1160 | 3325 | 1510 |
| | 97.3 | 2471 | 215.6 | 5475 | 73.6 | 1869 | 6° F/9° B | | 3200 | 1460 | 2250 | 1030 | 2225 | 1020 | 2975 | 1350 |
| | 105.2 | 2671 | 239.2 | 6075 | 81.5 | 2069 | 6° F/9° B | | 2350 | 1070 | 1500 | 690 | 1475 | 670 | 2175 | 990 |
| 109.1 | 2771 | 251.0 | 6375 | 85.4 | 2169 | 6° F/9° B | | 1925 | 880 | 1125 | 520 | 1100 | 500 | 1750 | 800 | |

H20/600

For ISS & ISSFP, forks cannot be longer than 60" long

1.75" x 4" x 48" Forks Class 2

SGL 18x7-12.125 CUSH or SGL 18-7-12.125 SE **Cascade HOSS 55F-SSS-2-0211

| | | Mast Table | | | | | | Capacity @ Load Center | | | | | | | | |
|---------|-------|----------------|-------|-------------|------|-----------|-----------|------------------------|------|----------------------|------|------------------------|------|------------------------------|------|------|
| | | Lowered Height | | Lift Height | | Free Lift | | Std. Carriage | | Integral SS Carriage | | Integral SSFP Carriage | | 38" HOSS** 55F-SSS-2-0211 | | |
| | | h1 | | h3 | | h2 | | Tilt* | | | | | | | | |
| | | in | mm | in | mm | in | mm | | | lb | kg | lb | kg | lb | kg | |
| Simplex | 86.5 | 2196 | 124.0 | 3150 | 0.0 | 0 | 6° F/9° B | | 4425 | 2010 | 4425 | 2010 | 4425 | 2010 | 4300 | 1960 |
| | 94.3 | 2396 | 139.8 | 3550 | 0.0 | 0 | 6° F/9° B | | 4425 | 2010 | 4425 | 2010 | 4425 | 2010 | 4300 | 1960 |
| | 100.2 | 2546 | 151.6 | 3850 | 0.0 | 0 | 6° F/9° B | | 4425 | 2010 | 4425 | 2010 | 4425 | 2010 | 4300 | 1960 |
| | 108.1 | 2746 | 167.3 | 4250 | 0.0 | 0 | 6° F/9° B | | 4275 | 1940 | 4200 | 1910 | 4175 | 1900 | 4100 | 1860 |
| Duplex | 116.0 | 2946 | 183.1 | 4650 | 0.0 | 0 | 6° F/9° B | | 3250 | 1480 | 3175 | 1450 | 3150 | 1440 | 3075 | 1400 |
| | 83.5 | 2121 | 123.8 | 3145 | 59.8 | 1518 | 6° F/9° B | | 4425 | 2010 | 4425 | 2010 | 4425 | 2010 | 4300 | 1960 |
| | 91.4 | 2321 | 139.6 | 3545 | 67.6 | 1718 | 6° F/9° B | | 4425 | 2010 | 4425 | 2010 | 4425 | 2010 | 4300 | 1960 |
| | 97.3 | 2471 | 151.4 | 3845 | 73.5 | 1868 | 6° F/9° B | | 4425 | 2010 | 4425 | 2010 | 4425 | 2010 | 4300 | 1960 |
| Triplex | *** | *** | 163.8 | 4160 | *** | *** | *** | | 4425 | 2010 | 4425 | 2010 | 4400 | 2000 | 4275 | 1950 |
| | 83.5 | 2121 | 182.1 | 4625 | 59.8 | 1519 | 6° F/9° B | | 3300 | 1500 | 3250 | 1480 | 3225 | 1470 | 3150 | 1430 |
| | 87.4 | 2221 | 193.9 | 4925 | 63.7 | 1619 | 6° F/9° B | | 2525 | 1150 | 2475 | 1130 | 2450 | 1120 | 2400 | 1090 |
| | 91.4 | 2321 | 205.7 | 5225 | 67.7 | 1719 | 6° F/9° B | | 1750 | 800 | 1700 | 780 | 1675 | 770 | 1650 | 750 |

CHARACTERISTICS



CONFIDENCE

- 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



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 maneuvering
- Operator's cab, mast and drive axle isolated from chassis for almost vibration and shock-free operation



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 function



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

For more information on Linde Material Handling equipment, please contact:



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Linde Material Handling

Linde

Member of KION Group