**LONKING HOLDINGS LIMITED**
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2017.02 Print

LONKING 龙工

# LONKING FORKLIFT TRUCK




**LONKING HOLDINGS LIMITED**
**LONKING (FUJIAN) INTERNATIONAL TRADE CO.,LTD.**
The information in this booklet is for instructional reference only,actual product and specifications is subject to updates and improvements.

# LONKING HOLDINGS LIMITED

Founded in 1993, Lonking Holdings Limited ("Lonking") is one of the largest construction & logistic machinery manufacturers in China. It has 19 wholly owned subsidiaries and four production bases covering over 3 million square meters. Lonking has been successfully listed on Hong Kong stock exchange in 2005. Lonking manufactures **wheel loaders, hydraulic excavators, road rollers, forklifts, motor graders and skid steer loaders.** To provide world class parts support, Lonking also develops and produces gear boxes, torque converters, axle, hydraulic components, gear pipes, driver shaft and other core components.

For more information, please visit www.lonkinggroup.com !




## FORKLIFT YEARLY PRODUCTION CAPACITY 30,000UNITS





## Safe, Powerful, Ergonomic, Maintained-easily.

Your ideal carrying aid:extensively applied in station, port, all kinds of factories and warehouses, effective trucks for stacking, loading and unloading.

In Lonking forklift, what you can find is not only forklift trucks, but also more follow-up solutions---one-stop warehouse logistics solution.



# Rapid and Stable Performance

Being able to raise and lower the mast quickly,as well as tilt it forward and backward,providing the best operational conditions during unloading.




Wide view mast



Intensive overhead guard, punching press forging, more safe.



Integral cabin frame, more safe, easy for assembling and disassembling, as well as maintenance.




Ideal layout of components ensures easy maintenance.



Safety and durability



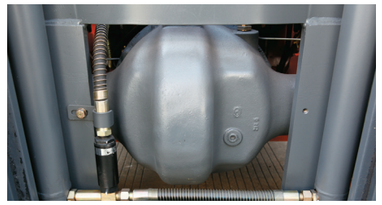
Anti-slip pedal made with durable material.



Large radiation space, and added with reflection mark on each side, more safe driving in the night.




Speed limit valve
When the forklift is fully loaded, mast lowering speed is carefully controlled to ensure safety by the speed limit valve.



Independent electric and hydraulic system, easy access and maintenance.



OW:Operating Weight
RC:Rated Capacity

# Product List

## Diesel forklift



LG15DT
OW:2900KG RC:1500KG
L1xH2:3170*2049MM



LG20DT III
OW:3250KG RC:2000KG
L1xH2:3670*2135MM



LG25DT III
OW:3500KG RC:2500KG
L1xH2:3670*2135MM



LG30DT III
OW:4200KG RC:3000KG
L1xH2:3850*2150MM



LG35DT III
OW:4430KG RC:3500KG
L1xH2:3850*2150MM



LG40DT
OW:5000KG RC:4000KG
L1xH2:3993*2343MM



LG50DT
OW:8740KG RC:5000KG
L1xH2:4805*2500MM



LG60DT
OW:9240KG RC:6000KG
L1xH2:4855*2500MM



LG70DT
OW:9740KG RC:7000KG
L1xH2:4855*2500MM



LG80DT
OW:10500KG RC:8000KG
L1xH2:5204*2845MM



LG100DT
OW:12900KG RC:10000KG
L1xH2:5514*2845MM



LG120DT
OW:22000KG OW:12000KG
L1×H2:5770*3170MM



LG160DT
OW:22000KG RC:16000KG
L1xH2:7410*3675MM



LG250DT
OW:34400KG OW:25000KG
L1×H2:8902*6000MM

## LPG forklift



LG20GLT
OW:3260KG Gasoline:41KW LPG:37KW
RC:2000KG L1xH2: 3670*2135MM



LG25GLT
OW:3500KG Gasoline:41KW LPG:37KW
RC:2500KG L1xH2:3670*2135MM



LG30GLT
OW:4200KG Gasoline:41KW LPG:37KW
RC:3000KG L1xH2:3850*2150MM



LG35GLT
OW:4540KG Gasoline:41KW LPG:37KW
RC:3500KG L1xH2:3850*2180MM

## Electric forklift(AC & DC for option)



LG13BE
OW:2920KG RC:1300KG
B:48V/400AH L1×H2:2715*1995MM



LG16BE
OW:3100KG RC:1600KG
B:48V/500AH L1xH2:2825*1995MM



LG18BE
OW:3216KG RC:1800KG
B:48V/500AH L1xH2:2825*1995MM



LG20BE
OW:3390KG RC:2000KG
B:48V/600AH L1×H2:2931*1995MM



LG20B
OW:3880KG RP:2000KG
B:48V/600AH L1xH2:3380*2140MM



LG25B
OW:4180KG RP:2500KG
B:48V/600AH L1xH2:3380*2140MM



LG16B
OW:3120KG RC:1600KG
B:48V/480AH L1xH2:3020*2135MM



LG30B
OW:4920KG RP:3000KG
B:80V/500AH LxH:3610*2175MM



LG35B
OW:5440KG RP:3500KG
B:80V/600AH LxH:3650*2175MM



LG20ET
OW:669KG RP:2000KG
B:24V/240AH LxH:2284*1420MM



LG20DR
OW:3200KG RP:2000KG
B:48V/560(600)AH LxH:2387*2220MM

# LG15DT/LG20DT/LG25DT/LG30DT/LG35DT
# overall specifications

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Identification | 1.1 | Manufacture | | | LONKING | LONKING | LONKING | LONKING | LONKING |
| | 1.2 | Model | | | LG15DT | LG20DT Ⅲ | LG25DT Ⅲ | LG30DT Ⅲ | LG35DT Ⅲ |
| | 1.4 | Power type (electric,diesel, petrol LPG) | | | Diesel | Diesel | Diesel | Diesel | Diesel |
| | 1.5 | Type of operation:hand,pedestrian,standing,seated,order-picker | | | Seated | Seated | Seated | Seated | Seated |
| | 1.6 | Load capacity/rated load | | kg | 1500 | 2000 | 2500 | 3000 | 3500 |
| | 1.7 | Load center distance | J | mm | 500 | 500 | 500 | 500 | 500 |
| | 1.8 | Front overhang | L3 | mm | 425 | 448 | 448 | 487 | 498 |
| | 1.9 | Rear overhang | L4 | mm | 425 | 500 | 500 | 550 | 580 |
| | 2.0 | Wheelbase | L2 | mm | 1400 | 1650 | 1650 | 1750 | 1750 |
| Weights | 2.1 | Dead weight | | kg | 2940 | 3260 | 3500 | 4200 | 4635 |
| | 2.2 | Axle loading,loaded front/rear | | kg | \ | \ | \ | \ | \ |
| | 2.3 | Axle loading,unloaded front/rear | | kg | \ | \ | \ | \ | \ |
| Wheels,Chassis | 3.1 | Tires:pneumatic,solid rubber | | | pneumatic | pneumatic | pneumatic | pneumatic | pneumatic |
| | 3.2 | Tires size,front | | | 6.5-10-10PR | 7.00-12-12PR | 7.00-12-12PR | 28x9-15-14PR | 28x9-15-14PR |
| | 3.3 | Tires size,rear | | | 5.00-8-8PR | 6.00-9-10PR | 6.00-9-10PR | 6.50-10-10PR | 6.50-10-10PR |
| | 3.4 | Wheels,number front / rear(X=wheels) | | | X=2/2 | X=2/2 | X=2/2 | X=2/2 | X=2/2 |
| | 3.5 | Track width,front | S | mm | 890 | 970 | 970 | 1030 | 1030 |
| | 3.6 | Track width,rear | P | mm | 870 | 980 | 980 | 980 | 980 |
| Basic Dimensions | 4.1 | Mast/fork carriage tilt forward backward | α/β | degrees | 6/12 | 6/12 | 6/12 | 6/12 | 6/12 |
| | 4.1 | Lowered mast height | h2 | mm | 1995 | 2135 | 2135 | 2132 | 2180 |
| | 4.1 | Free lift height | h3 | mm | 105 | 110 | 110 | 125 | 170 |
| | 4.1 | STD Max lift height | h1 | mm | 3000 | 3000 | 3000 | 3000 | 3000 |
| | 4.2 | Overhead guard height | h4 | mm | 2050 | 2130 | 2130 | 2150 | 2150 |
| | 4.2 | Distance from seat to overhead guard | SIP | mm | 1000 | 1000 | 1000 | ≅910 | 1000 |
| | 4.2 | Overall length | L1 | mm | 3170 | 3670 | 3670 | 3850 | 3898 |
| | 4.2 | Length to face of forks | | mm | 2250 | 2598 | 2598 | 2787 | 2828 |
| | 4.2 | Overall width | W1 | mm | 1090 | 1165 | 1165 | 1250 | 1250 |
| | 4.2 | Fork dimensions(hook type) | L5×W×T | mm | 920×100×40 | 1070×120×40 | 1070×120×40 | 1070×125×45 | 1070×125×50 |
| | 4.2 | Fork carriage ISO 2328, class / type A,B | | | 2/A | 2/A | 2/A | 3/A | 3/A |
| | 4.2 | Fork-carriage width | | mm | 1036 | 1040 | 1040 | 1100 | 1100 |
| | 4.2 | Ground clearance, under mast | m2 | mm | 110 | 135 | 135 | 132 | 132 |
| | 4.2 | Ground clearance,centre of wheelbase | m1 | mm | 100 | 160 | 160 | 165 | 165 |
| | 4.3 | Aisle width for pallets 1,000x1,200 crossways (LxW) | AST | mm | 3575 | 3950 | 3950 | 4200 | 4225 |
| | 4.3 | Aisle width for pallets 800x1,200 lengthways (WxL) | AST | mm | \ | \ | \ | \ | \ |
| | 4.3 | Turning radius | R1 | mm | 1950 | 2300 | 2300 | 2520 | 2530 |
| Performance Data | 5.1 | Max.traveling speed, unloaded | | km/h | 22 | 20 | 20 | 20 | 20 |
| | 5.2 | Max.lifting speed, loaded/ unloaded | | mm/s | 480/500 | 560/580 | 560/580 | 500/520 | 400/420 |
| | 5.3 | Lowering speed, loaded/unloaded | | mm/s | ＜600 | ＜600 | ＜600 | ＜600 | ＜600 |
| | 5.7 | Max.gradient | | % | 20 | 20 | 20 | 20 | 20 |
| | 5.9 | Service brake | | | Hydraulic | Hydraulic | Hydraulic | Hydraulic | Hydraulic |
| | 5.1 | Parking brake | | | Hand | Hand | Hand | Hand | Hand |
| Other Details | 7.1 | Operating pressure | | Mpa | 17.5 | 19.5 | 19.5 | 19.5 | 19.5 |
| | 7.2 | Fuel tank capacity | | L | 41 | 50 | 55 | 60 | 60 |
| | 7.4 | Type of drive | | | Automatic | | | | |

| Optional Engine(for 1.5t) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power（kw/rpm） | Max.Torque（Nm/rpm） | Bore/Number of Cylinders/Displacement（mm/L） | Fuel Consumption（g/KW·h） |
| C485 | China | 31/2600 | 131/1700-1900 | 85/4/2.27 | 230 |
| C240 | ISUZU | 34/2500 | 137/1800 | 86/4/2.369 | 292 |

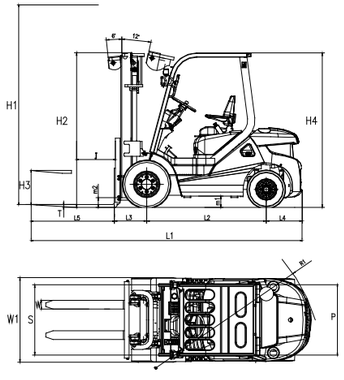
| Optinal Engine(for 2t&2.5t) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power（kw/rpm） | Max.Torque（Nm/rpm） | Bore/Number of Cylinders/Displacement（mm/L） | Fuel Consumption（g/KW·h） |
| C490(e3) | China | 36.8/2650 | 156/1800 | 90/4/2.67 | 230 |
| A498BT1 | China | 36.8/2650 | 180/1800 | 98/4/3.17 | 230 |
| C240 | ISUZU | 34/2500 | 137/1800 | 86/4/2.369 | 292 |

| Optinal Engine(for 3t&3.5t) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power（kw/rpm） | Max.Torque（Nm/rpm） | Bore/Number of Cylinders/Displacement（mm/L） | Fuel Consumption（g/KW·h） |
| C490(e3) | China | 36.8/2650 | 156/1800 | 90/4/2.67 | 230 |
| C240 | ISUZU | 34/2500 | 137/1800 | 86/4/2.369 | 292 |
| 4JG2 | ISUZU | 44/2450 | 186/1700 | 95/4/3.059 | 265 |
| 4TNE98 | YANMAR | 42/2300 | 187/1600 | 98/4/3.319 | 272 |
| S4S-408 | MITSUMKISHI | 38/2300 | 176/1800 | 120/4/3.3 | 225 |
| D2011L04 | DEUTZ | 46.5/2600 | 190/1700 | 96/4/3.62 | 226 |
| QSF2.8 | Cummins | 36.5/2500 | 186/1100~1500 | 94/4/2.8 | 250 |
| A498BT1 | China | 36.8/2400 | 180/1800 | 98/4/3.17 | 230 |

# LG15DT/LG20DT/LG25DT/LG30DT/LG35DT
# mast specifications

| Item | Lift height | LG15DT | | | | | LG20DTIII | | | | | LG25DTIII | | | | | LG30DTIII | | | | | LG35DTIII | | | | | F/R( °) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h1 (mm) | c (kg) | h2 (mm) | h3 (mm) | h5 (mm) | | c (kg) | h2 (mm) | h3 (mm) | h5 (mm) | | c (kg) | h2 (mm) | h3 (mm) | h5 (mm) | | c (kg) | h2 (mm) | h3 (mm) | h5 (mm) | | c (kg) | h2 (mm) | h3 (mm) | h5 (mm) | |
| 2 Stage Standard Mast | 2000 | 1500 | 1487 | 105 | 105 | | 2000 | 1635 | 110 | 110 | | 2500 | 1635 | 110 | 110 | | 3000 | 1632 | 125 | 125 | | 3500 | 1680 | 170 | 170 | | 6/12 |
| | 2500 | 1500 | 1737 | 105 | 105 | | 2000 | 1885 | 110 | 110 | | 2500 | 1885 | 110 | 110 | | 3000 | 1882 | 125 | 125 | | 3500 | 1930 | 170 | 170 | | 6/12 |
| | 3000 | 1500 | 1987 | 105 | 105 | | 2000 | 2135 | 110 | 110 | | 2500 | 2135 | 110 | 110 | | 3000 | 2132 | 125 | 125 | | 3500 | 2180 | 170 | 170 | | 6/12 |
| | 3300 | 1500 | 2137 | 105 | 105 | | 2000 | 2285 | 110 | 110 | | 2500 | 2285 | 110 | 110 | | 3000 | 2282 | 125 | 125 | | 3500 | 2330 | 170 | 170 | | 6/12 |
| | 3500 | 1500 | 2237 | 105 | 105 | | 2000 | 2385 | 110 | 110 | | 2500 | 2385 | 110 | 110 | | 3000 | 2382 | 125 | 125 | | 3500 | 2430 | 170 | 170 | | 6/12 |
| | 3700 | \ | \ | \ | \ | | \ | \ | \ | \ | | \ | \ | \ | \ | | \ | \ | \ | \ | | 3500 | 2530 | 170 | 170 | | 6/12 |
| | 3750 | 1500 | 2362 | 105 | 105 | | 2000 | 2510 | 110 | 110 | | 2500 | 2510 | 110 | 110 | | 3000 | 2507 | 125 | 125 | | \ | \ | \ | \ | | 6/6 |
| | 4000 | 1500 | 2537 | 105 | 105 | | 2000 | 2685 | 110 | 110 | | 2500 | 2685 | 110 | 110 | | 3000 | 2682 | 125 | 125 | | 3300*3500 | 2730 | 170 | 170 | | 6/6 |
| | 4250 | 1400 | 2662 | 105 | 105 | | 1900 | 2810 | 110 | 110 | | 2300 | 2810 | 110 | 110 | | 2850*3000 | 2807 | 125 | 125 | | 3200*3500 | 2855 | 170 | 170 | | 6/6 |
| | 4500 | 1300 | 2787 | 105 | 105 | | 1800 | 2935 | 110 | 110 | | 2100 | 2935 | 110 | 110 | | 2600*2800 | 2932 | 125 | 125 | | 2900*3100 | 2980 | 170 | 170 | | 6/6 |
| | 5000 | 1000 | 3037 | 105 | 105 | | 1100 | 3185 | 110 | 110 | | 1600 | 3185 | 110 | 110 | | 2100*2400 | 3182 | 125 | 125 | | 2400*2750 | 3230 | 170 | 170 | | 6/6 |
| | 5500 * | \ | \ | \ | \ | | 900 | 3485 | 110 | 110 | | 1200 | 3485 | 110 | 110 | | 1700*2200 | 3482 | 125 | 125 | | 1800*2400 | 3530 | 170 | 170 | | 6(3)/6 |
| | 6000* | \ | \ | \ | \ | | 700 | 3735 | 110 | 110 | | 900 | 3735 | 110 | 110 | | 1300*2000 | 3732 | 125 | 125 | | 1400*2200 | 3780 | 170 | 170 | | 6(3)/6 |
| 2 Stage Free Mast | 2000 | 1500 | 1595 | 1040 | 690 | | 2000 | 1635 | 950 | 660 | | 2500 | 1635 | 950 | 660 | | 3000 | 1632 | 1044 | 350 | | 3500 | 1680 | 965 | 655 | | 6/12 |
| | 2500 | 1500 | 1845 | 1290 | 940 | | 2000 | 1885 | 1200 | 910 | | 2500 | 1885 | 1200 | 910 | | 3000 | 1882 | 1294 | 600 | | 3500 | 1930 | 1215 | 905 | | 6/12 |
| | 2700 | \ | \ | \ | \ | | \ | \ | \ | \ | | \ | \ | \ | \ | | \ | \ | \ | \ | | 3500 | 2030 | 1315 | 1005 | | 6/12 |
| | 2750 | 1500 | 1970 | 1415 | 1065 | | 2000 | 2010 | 1325 | 1035 | | 2500 | 2010 | 1325 | 1035 | | 3000 | \ | \ | \ | | \ | \ | \ | \ | | 6/12 |
| | 3000 | 1500 | 2095 | 1540 | 1190 | | 2000 | 2135 | 1450 | 1160 | | 2500 | 2135 | 1450 | 1160 | | 3000 | 2132 | 1544 | 850 | | 3500 | 2180 | 1465 | 1115 | | 6/12 |
| | 3300 | 1500 | 2245 | 1690 | 1340 | | 2000 | 2285 | 1600 | 1310 | | 2500 | 2285 | 1600 | 1310 | | 3000 | 2282 | 1694 | 1000 | | 3500 | 2330 | 1615 | 1305 | | 6/12 |
| | 3500 | 1500 | 2345 | 1790 | 1440 | | 2000 | 2385 | 1700 | 1410 | | 2500 | 2385 | 1700 | 1410 | | 3000 | 2382 | 1794 | 1100 | | 3500 | 2430 | 1715 | 1405 | | 6/12 |
| | 3750 | 1500 | 2470 | 1915 | 1565 | | 1950 | 2510 | 1825 | 1535 | | 2400 | 2510 | 1825 | 1535 | | 3000 | 2507 | 1919 | 1225 | | \ | \ | \ | \ | | 6/12 |
| | 4000 | 1400 | 2645 | 2090 | 1740 | | 1850 | 2685 | 2000 | 1710 | | 2000 | 2685 | 2000 | 1710 | | 3000 | 2682 | 2094 | 1400 | | 3300*3500 | 2730 | 2015 | 1705 | | 6/6 |
| | 4500 | 1200 | 2895 | 2340 | 1990 | | 1650 | 2935 | 2250 | 1960 | | 1700 | 2935 | 2250 | 1960 | | 3000 | 2932 | 2344 | 1650 | | 2900*3100 | 2980 | 2265 | 1955 | | 6/6 |
| 3 Stage Free Mast | 4000 | 1400 | 1920 | 1385 | 975 | | 1900 | 2010 | 1208 | 1008 | | 2300 | 2010 | 1208 | 1008 | | 2800*2900 | 1952 | 1379 | 715 | | 3300*3300 | 1987 | 1280 | 755 | | 6/6 |
| | 4350 | 1300 | 2055 | 1511 | 1110 | | 1850 | 2135 | 1334 | 1133 | | 2200 | 2135 | 1334 | 1133 | | 2700*2900 | 2077 | 1504 | 840 | | 3100*3300 | 2112 | 1405 | 880 | | 6/6 |
| | 4500 | 1200 | 2095 | 1560 | 1150 | | 1750 | 2198 | 1372 | 1196 | | 2000 | 2198 | 1372 | 1196 | | 2500*2800 | 2140 | 1567 | 903 | | 2800*3000 | 2175 | 1470 | 945 | | 6/6 |
| | 4700 | \ | \ | \ | \ | | 1720 | 2263 | 1461 | 1261 | | 1800 | 2263 | 1461 | 1261 | | 2350*2550 | 2205 | 1632 | 968 | | 2600*2800 | 2240 | 1535 | 1010 | | 6/6 |
| | 4800 | 1100 | 2195 | 1660 | 1250 | | 1700 | 2285 | 1484 | 1283 | | 1700 | 2285 | 1484 | 1283 | | 2250*2450 | 2227 | 1654 | 990 | | 2500*2750 | 2262 | 1555 | 1030 | | 6/6 |
| | 5000 | 950 | 2295 | 1760 | 1350 | | 1600 | 2385 | 1584 | 1383 | | 1500 | 2385 | 1584 | 1383 | | 2100*2300 | 2327 | 1754 | 1090 | | 2300*2600 | 2362 | 1655 | 1130 | | 6/6 |
| | 5400 | 850 | 2420 | 1885 | 1475 | | 1450 | 2510 | 1708 | 1508 | | 1200 | 2510 | 1708 | 1508 | | 1650*2100 | 2452 | 1879 | 1215 | | 1800*2300 | 2487 | 1780 | 1255 | | 3/6 |
| | 5500 | \ | \ | \ | \ | | \ | \ | \ | \ | | \ | \ | \ | \ | | 1500*2000 | 2492 | 1919 | 1255 | | 1700*2200 | 2527 | 1820 | 1295 | | 3/6 |
| | 6000 | 450 | 2645 | 2110 | 1700 | | 950 | 2735 | 1934 | 1733 | | 800 | 2735 | 1934 | 1733 | | 1200*1800 | 2677 | 2104 | 1440 | | 1300*2000 | 2712 | 2005 | 1480 | | 3/6 |
| | 6500* | \ | \ | \ | \ | | 500 | 2950 | 2149 | 1948 | | 600 | 2950 | 2149 | 1948 | | 900*1500 | 2892 | 2319 | 1655 | | 1000*1600 | 2927 | 2220 | 1695 | | 3/3 |

h1=Max.Lift Height; c=Load Capacity; h2=Lowered Mast Height; h3=Free Lift Height(without backrest) ; h4=Overhead guard height; h5=Free Lift Height(with backrest); F/R=Tilting Angle F/R;h1* means machine with this kind of mast must choose double front tires; and the digital after * in this table shows the load capacity of machine with double front tires optional.






# FD20T/FD25T/FD30T/FD35T
# overall specifications

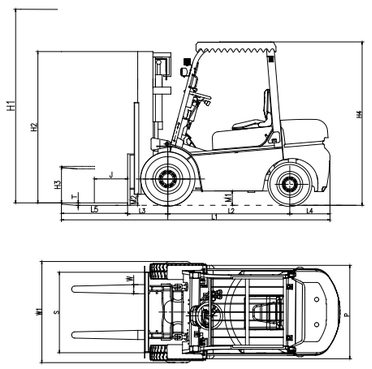
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Identification | 1.1 | Manufacturer | | | LONKING | LONKING | LONKING | LONKING |
| | 1.2 | Model | | | FD20DTIII | FD25DTIII | FD30DTIII | FD35DTIII |
| | 1.4 | Power type (electric,diesel, petrol LPG) | | | Diesel | Diesel | Diesel | Diesel |
| | 1.5 | Type of operation:hand,pedestrian,standing,seated,order-picker | | | Seated | Seated | Seated | Seated |
| | 1.6 | Load capacity/rated load | | kg | 2000 | 2500 | 3000 | 3500 |
| | 1.7 | Load center distance | J | mm | 500 | 500 | 500 | 500 |
| | 1.8 | Front overhang | L3 | mm | 460 | 460 | 478 | 498 |
| | 1.9 | Rear overhang | L4 | mm | 410 | 470 | 540 | 600 |
| | 2.0 | Wheelbase | L2 | mm | 1650 | 1650 | 1700 | 1700 |
| Weights | 2.1 | Dead weight | | kg | 3450 | 3750 | 4220 | 4650 |
| | 2.2 | Axle loading,loaded front/rear | | kg | \ | \ | \ | \ |
| | 2.3 | Axle loading,unloaded front/rear | | kg | \ | \ | \ | \ |
| Wheels,Chassis | 3.1 | Tires:pneumatic,solid rubber | | | pneumatic | pneumatic | pneumatic | pneumatic |
| | 3.2 | Tires size,front | | | 7.00-12-12PR | 7.00-12-12PR | 28x9-15-14PR | 28x9-15-14PR |
| | 3.3 | Tires size,rear | | | 6.00-9-10PR | 6.00-9-10PR | 6.50-10-10PR | 6.50-10-10PR |
| | 3.4 | Wheels,number front / rear(X=driven wheels) | | | X=2/2 | X=2/2 | X=2/2 | X=2/2 |
| | 3.5 | Track width,front | S | mm | 970 | 970 | 1000 | 1000 |
| | 3.6 | Track width,rear | P | mm | 980 | 980 | 980 | 980 |
| Basic Dimensions | 4.11 | Mast/fork carriage tilt forward backward | α/β | degrees | 6/12 | 6/12 | 6/12 | 6/12 |
| | 4.12 | Lowered mast height | h2 | mm | 2000 | 2000 | 2075 | 2180 |
| | 4.13 | Free lift height | h3 | mm | 150 | 150 | 165 | 170 |
| | 4.14 | STD Max lift height | h1 | mm | 3000 | 3000 | 3000 | 3000 |
| | 4.15 | Overhead guard height | h4 | mm | 2110 | 2110 | 2130 | 2130 |
| | 4.16 | Distance from seat to overhead guard | SIP | mm | 1000 | 1000 | 1000 | 1000 |
| | 4.17 | Overall length | L1 | mm | 3590 | 3650 | 3780 | 3870 |
| | 4.18 | Length to face of forks | L6 | mm | 2520 | 2580 | 2710 | 2800 |
| | 4.19 | Overall width | W1 | mm | 1160 | 1160 | 1240 | 1240 |
| | 4.2 | Fork dimensions(hook type) | L5×W×T | mm | 1070×120×40 | 1070×120×40 | 1070×125×45 | 1070×125×50 |
| | 4.21 | Fork carriage ISO 2328, class / type A,B | | | 2/A | 2/A | 3/A | 3/A |
| | 4.22 | Fork-carriage width | | mm | 1056 | 1056 | 1238 | 1238 |
| | 4.23 | Ground clearance, under mast | m2 | mm | 110 | 110 | 130 | 130 |
| | 4.24 | Ground clearance,centre of wheelbase | m1 | mm | 150 | 150 | 160 | 160 |
| | 4.25 | Aisle width for pallets 1,000x1,200 crossways (LxW) | AST | mm | 3900 | 3970 | 4155 | 4200 |
| | 4.26 | Aisle width for pallets 800x1,200 lengthways (WxL) | AST | mm | 4150 | 4150 | 4407 | 4407 |
| | 4.27 | Turning radius | R1 | mm | 2250 | 2300 | 2460 | 2490 |
| Performance Data | 5.1 | Max.traveling speed, unloaded | | km/h | 20 | 20 | 20 | 20 |
| | 5.2 | Max.lifting speed, loaded/ unloaded | | mm/s | 530/550 | 530/550 | 485/505 | 380/400 |
| | 5.3 | Lowering speed, loaded/unloaded | | mm/s | < 600 | < 600 | < 600 | < 600 |
| | 5.7 | Max.gradient | | % | 20 | 20 | 20 | 20 |
| | 5.9 | Service brake | | | Hydraulic | Hydraulic | Hydraulic | Hydraulic |
| | 5.10 | Parking brake | | | Hand | Hand | Hand | Hand |
| Other Details | 7.1 | Operating pressure | | Mpa | 19.5 | 19.5 | 19.5 | 19.5 |
| | 7.2 | Fuel tank capacity | | L | 50 | 50 | 60 | 60 |
| | 7.4 | Type of drive | | | Automatic | | | |

| Optional Engine(for 2t&2.5t,3t&3.5t) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power ( kw/rpm ) | Max.Torque ( Nm/rpm ) | Bore/Number of Cylinders/Displacement ( mm/L ) | Fuel Consumption ( g/KW·h ) |
| NC490BPG | China | 40/2650 | 162/1800-2000 | 90/4/2.67 | 235 |
| 4D27G31 | China | 36.8/2500 | 156/1800 | 90/4/2.67 | 230 |
| YN4A055-31CR | Yunnei | 36.8/2650 | 175 | 90/4/2.67 | 235 |

# FD20T/FD25T/FD30T/FD35T
# mast specifications

| Item | Lift height | FD20TIII | | | | FD25TIII | | | | FD30TIII | | | | FD35TIII | | | | F/R( ° ) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h1(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | |
| 2 Stage Standard Mast | 2000 | 2000 | 1500 | 150 | 150 | 2500 | 1500 | 150 | 150 | 3000 | 1575 | 165 | 165 | 3500 | 1680 | 170 | 170 | 6/12 |
| | 2500 | 2000 | 1750 | 150 | 150 | 2500 | 1750 | 150 | 150 | 3000 | 1825 | 165 | 165 | 3500 | 1930 | 170 | 170 | 6/12 |
| | 3000 | 2000 | 2000 | 150 | 150 | 2500 | 2000 | 150 | 150 | 3000 | 2075 | 165 | 165 | 3500 | 2180 | 170 | 170 | 6/12 |
| | 3300 | 2000 | 2150 | 150 | 150 | 2500 | 2150 | 150 | 150 | 3000 | 2225 | 165 | 165 | 3500 | 2330 | 170 | 170 | 6/12 |
| | 3500 | 2000 | 2250 | 150 | 150 | 2500 | 2250 | 150 | 150 | 3000 | 2325 | 165 | 165 | 3500 | 2430 | 170 | 170 | 6/12 |
| | 3700 | 2000 | 2350 | 150 | 150 | 2500 | 2350 | 150 | 150 | 3000 | 2425 | 165 | 165 | 3500 | 2530 | 170 | 170 | 6/12 |
| | 3750 | \ | \ | \ | \ | \ | \ | \ | \ | 3000 | 2450 | 165 | 165 | \ | \ | \ | \ | 6/12 |
| | 4000 | 2000 | 2550 | 150 | 150 | 2500 | 2550 | 150 | 150 | 3000 | 2625 | 165 | 165 | 3300*3500 | 2730 | 170 | 170 | 6/6 |
| | 4250 | 1850 | 2675 | 150 | 150 | 2300 | 2675 | 150 | 150 | 2850*3000 | 2750 | 165 | 165 | 3200*3500 | 2855 | 170 | 170 | 6/6 |
| | 4500 | 1600 | 2800 | 150 | 150 | 2100 | 2800 | 150 | 150 | 2600*2800 | 2875 | 165 | 165 | 2900*3100 | 2980 | 170 | 170 | 6/6 |
| | 5000 | 1200 | 3050 | 150 | 150 | 1600 | 3050 | 150 | 150 | 2100*2400 | 3125 | 165 | 165 | 2400*2750 | 3230 | 170 | 170 | 6/6 |
| | 5500* | 1000 | 3350 | 150 | 150 | 1200 | 3350 | 150 | 150 | 1700*2200 | 3425 | 165 | 165 | 1800*2400 | 3530 | 170 | 170 | 3/6 |
| | 6000* | 800 | 3600 | 150 | 150 | 900 | 3600 | 150 | 150 | 1300*2000 | 3675 | 165 | 165 | 1400*2200 | 3780 | 170 | 170 | 3/6 |
| 2 Stage Free Mast | 2000 | 2000 | 1555 | 1085 | 620 | 2500 | 1555 | 1085 | 620 | 3000 | 1575 | 920 | 340 | 3500 | 1680 | 965 | 655 | 6/12 |
| | 2500 | 2000 | 1805 | 1335 | 870 | 2500 | 1805 | 1335 | 870 | 3000 | 1825 | 1170 | 590 | 3500 | 1930 | 1215 | 905 | 6/12 |
| | 2700 | 2000 | 1905 | 1435 | 970 | 2500 | 1905 | 1435 | 970 | 3000 | 1925 | 1270 | 690 | 3500 | 2030 | 1315 | 1005 | 6/12 |
| | 3000 | 2000 | 2055 | 1555 | 1120 | 2500 | 2055 | 1555 | 1120 | 3000 | 2075 | 1420 | 840 | 3500 | 2180 | 1465 | 1155 | 6/12 |
| | 3300 | 2000 | 2205 | 1735 | 1270 | 2500 | 2205 | 1735 | 1270 | 3000 | 2225 | 1570 | 990 | 3500 | 2330 | 1615 | 1305 | 6/12 |
| | 3500 | 2000 | 2305 | 1835 | 1370 | 2500 | 2305 | 1835 | 1370 | 3000 | 2325 | 1670 | 1090 | 3500 | 2430 | 1715 | 1405 | 6/12 |
| | 3750 | 2000 | 2430 | 1960 | 1495 | 2500 | 2430 | 1960 | 1495 | 3000 | 2450 | 1795 | 1215 | 3500 | 2530 | 1815 | 1505 | 6/12 |
| | 4000 | 2000 | 2605 | 2135 | 1670 | 2500 | 2605 | 2135 | 1670 | 3000 | 2625 | 1970 | 1390 | 3300 | 2730 | 2015 | 1705 | 6/6 |
| | 4500 | 1600 | 2855 | 2385 | 1920 | 2100 | 2855 | 2385 | 1920 | 2600*2800 | 2875 | 2220 | 1640 | 2900*3100 | 2980 | 2265 | 1955 | 6/6 |
| 3 Stage Free Mast | 4000 | 1900 | 1930 | 1365 | 995 | 2300 | 1930 | 1365 | 995 | 2800*2900 | 1987 | 1275 | 750 | 3300*3300 | 1987 | 1280 | 960 | 6/6 |
| | 4350 | 1750 | 2055 | 1490 | 1120 | 2200 | 2055 | 1490 | 1120 | 2700*2900 | 2112 | 1400 | 875 | 3100*3300 | 2112 | 1405 | 1085 | 6/6 |
| | 4500 | 1600 | 2118 | 1553 | 1183 | 2000 | 2118 | 1553 | 1183 | 2500*2800 | 2175 | 1465 | 940 | 2800*3000 | 2175 | 1470 | 1150 | 6/6 |
| | 4700 | 1300 | 2183 | 1618 | 1248 | 1800 | 2183 | 1618 | 1248 | 2350*2550 | 2240 | 1530 | 1005 | 2600*2800 | 2240 | 1535 | 1215 | 6/6 |
| | 4800 | 1250 | 2205 | 1640 | 1270 | 1700 | 2205 | 1640 | 1270 | 2250*2450 | 2262 | 1550 | 1025 | 2500*2750 | 2262 | 1555 | 1235 | 6/6 |
| | 5000 | 1100 | 2305 | 1740 | 1370 | 1500 | 2305 | 1740 | 1370 | 2100*2300 | 2362 | 1650 | 1125 | 2300*2600 | 2362 | 1655 | 1335 | 6/6 |
| | 5400 | 900 | 2430 | 1865 | 1495 | 1200 | 2430 | 1865 | 1495 | 1650*2100 | 2487 | 1775 | 1250 | 1800*2300 | 2487 | 1780 | 1460 | 3/6 |
| | 5500 | 800 | 2470 | 1905 | 1535 | 1100 | 2470 | 1905 | 1535 | 1500*2000 | 2527 | 1815 | 1290 | 1700*2200 | 2527 | 1820 | 1500 | 3/6 |
| | 6000 | 600 | 2665 | 2090 | 1720 | 800 | 2665 | 2090 | 1720 | 1200*1800 | 2712 | 2000 | 1475 | 1300*2000 | 2712 | 2005 | 1685 | 3/6 |
| | 6500* | 400 | 2870 | 2305 | 1935 | 600 | 2870 | 2305 | 1935 | 900*1500 | 2927 | 2215 | 1690 | 1000*1600 | 2927 | 2220 | 1900 | 3/3 |

h1=Max.Lift Height; c=Load Capacity; h2=Lowered Mast Height; h3=Free Lift Height(without backrest) ; h4=Overhead guard height; h5=Free Lift Height(with backrest); F/R=Tilting Angle F/R;h1* means machine with this kind of mast must choose double front tires; and the digital after * in this table shows the load capacity of machine with double front tires optional.






# FD38T/LG40DT/LG45DT
# overall specifications

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Identification | 1.1 | Manufacturer | | | LONKING | LONKING | LONKING |
| | 1.2 | Model | | | FD38TIII | LG40DTIV | LG45DTIV |
| | 1.4 | Power type (electric,diesel, petrol LPG) | | | Diesel | Diesel | Diesel |
| | 1.5 | Type of operation:hand,pedestrian,standing,seated,order-picker | | | Seated | Seated | Seated |
| | 1.6 | Load capacity/rated load | | kg | 3800 | 4000 | 45000 |
| | 1.7 | Load center distance | J | mm | 500 | 500 | 500 |
| | 1.8 | Front overhang | L3 | mm | 495 | 555 | 555 |
| | 1.9 | Rear overhang | L4 | mm | 530 | 520 | 540 |
| | 2.0 | Wheelbase | L2 | mm | 1900 | 2000 | 2000 |
| Weights | 2.1 | Dead weight | | kg | 4950 | 6400 | 6800 |
| | 2.2 | Axle loading,loaded front/rear | | kg | 8027/892 | 9400/1000 | 10200/1100 |
| | 2.3 | Axle loading,unloaded front/rear | | kg | 1969/2950 | 2900/3500 | 3000/3800 |
| Wheels,Chassis | 3.1 | Tires:pneumatic,solid rubber | | | pneumatic | pneumatic | pneumatic |
| | 3.2 | Tires size,front | | | 250-15-16PR | 8.25-15 | 300-15-18PR |
| | 3.3 | Tires size,rear | | | 6.5-10-10PR | 7.0-12 | 7.0-12-12PR |
| | 3.4 | Wheels,number front / rear(X=driven wheels) | | | X=2/2 | X=2/2 | X=2/2 |
| | 3.5 | Track width,front | S | mm | 1040 | 1180 | 1180 |
| | 3.6 | Track width,rear | P | mm | 980 | 1190 | 1190 |
| Basic Dimensions | 4.11 | Mast/fork carriage tilt forward backward | α/β | degrees | 6/12 | 6/12 | 6/12 |
| | 4.12 | Lowered mast height | h2 | mm | 2230 | 2245 | 2245 |
| | 4.13 | Free lift height | h3 | mm | 130 | 150 | 150 |
| | 4.14 | STD Max lift height | h1 | mm | 3000 | 3000 | 3000 |
| | 4.15 | Overhead guard height | h4 | mm | 2140 | 2250 | 2250 |
| | 4.16 | Distance from seat to overhead guard | SIP | mm | 1018 | 1000 | 1000 |
| | 4.17 | Overall length | L1 | mm | 3995 | 4145 | 4165 |
| | 4.18 | Length to face of forks | L6 | mm | 2925 | 3075 | 3095 |
| | 4.19 | Overall width | W1 | mm | 1290 | 1480 | 1480 |
| | 4.2 | Fork dimensions(hook type) | L5×W×T | mm | 1070×150×50 | 1070×150×50 | 1070×150×55 |
| | 4.21 | Fork carriage ISO 2328, class / type A,B | | | 3/A | 3/A | 3/A |
| | 4.22 | Fork-carriage width | | mm | 1200 | 1380 | 1380 |
| | 4.23 | Ground clearance, under mast | m2 | mm | 150 | 175 | 175 |
| | 4.24 | Ground clearance,centre of wheelbase | m1 | mm | 180 | 215 | 215 |
| | 4.25 | Aisle width for pallets 1,000x1,200 crossways (LxW) | AST | mm | 4315 | 4475 | 4495 |
| | 4.26 | Aisle width for pallets 800x1,200 lengthways (WxL) | AST | mm | 4115 | 4275 | 4295 |
| | 4.27 | Turning radius | R1 | mm | 2620 | 2720 | 2740 |
| Performance Data | 5.1 | Max.traveling speed, unloaded | | km/h | 20 | 25 | 25 |
| | 5.2 | Max.lifting speed, loaded/ unloaded | | mm/s | 380/410 | 460/520 | 460/520 |
| | 5.3 | Lowering speed, loaded/unloaded | | mm/s | < 600 | < 600 | < 600 |
| | 5.7 | Max.gradient | | % | 20 | 23 | 22 |
| | 5.9 | Service brake | | | Hydraulic | Hydraulic | Hydraulic |
| | 5.10 | Parking brake | | | Hand | Hand | Hand |
| Other Details | 7.1 | Operating pressure | | Mpa | 17.5 | 18.5 | 18.5 |
| | 7.2 | Fuel tank capacity | | L | 70 | 90 | 90 |
| | 7.4 | Type of drive | | | Automatic | Automatic | Automatic |

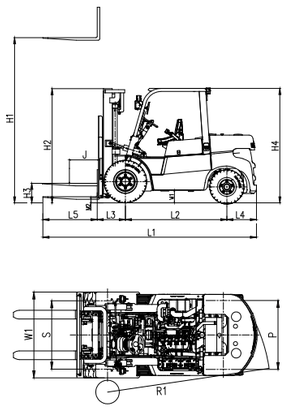
| Optional Engine(for 3.8t) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power ( kw/rpm ) | Max.Torque ( Nm/rpm ) | Bore/Number of Cylinders/Displacement ( mm/L ) | Fuel Consumption ( g/KW·h ) |
| A498 | China | 36.8/2650 | 180/1800 | 98/4/3.17 | 230 |

| Optional Engine(for 4 & 4.5t) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power ( kw/rpm ) | Max.Torque ( Nm/rpm ) | Bore/Number of Cylinders/Displacement ( mm/L ) | Fuel Consumption ( g/KW·h ) |
| CA4DX23 | Xinchai | 60/2200 | 320/1500 | 102/4/3.8 | 230 |
| S6S | Mitsubishi | 52/2300 | 248/1700 | 94/6/4.96 | 260 |
| YN4EL | Yunnei | 62.5/2200 | 320/1600 | 102/4/3.8 | 215 |

# FD38T/LG40DT/LG45DT
# mast specifications

| Item | Lift height | FD38TIII | | | | LG40DTIV | | | | LG45DTIV | | | | F/R( ° ) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h1(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | |
| 2 Stage Standard Mast | 2000 | 4000 | 1730 | 130 | 130 | \ | \ | \ | \ | \ | \ | \ | \ | 6/12 |
| | 2500 | 4000 | 1980 | 130 | 130 | 4000 | 1995 | 155 | 155 | 4500 | 1995 | 155 | 155 | 6/12 |
| | 3000 | 4000 | 2230 | 130 | 130 | 4000 | 2245 | 155 | 155 | 4500 | 2245 | 155 | 155 | 6/12 |
| | 3300 | 4000 | 2380 | 130 | 130 | 4000 | 2395 | 155 | 155 | 4500 | 2395 | 155 | 155 | 6/12 |
| | 3500 | 4000 | 2480 | 130 | 130 | 4000 | 2495 | 155 | 155 | 4500 | 2495 | 155 | 155 | 6/12 |
| | 3700 | 4000 | 2580 | 130 | 130 | \ | \ | \ | \ | \ | \ | \ | \ | 6/12 |
| | 3750 | \ | \ | \ | \ | 4000 | 2620 | 155 | 155 | 4500 | 2620 | 155 | 155 | 6/6 |
| | 4000 | 3800*4000 | 2780 | 130 | 130 | 4000 | 2795 | 155 | 155 | 4500 | 2795 | 155 | 155 | 6/6 |
| | 4250 | 3550*3800 | 2905 | 130 | 130 | 3800 | 2920 | 155 | 155 | 4300 | 2920 | 155 | 155 | 6/6 |
| | 4500 | 3300*3500 | 3030 | 130 | 130 | 3700 | 3045 | 155 | 155 | 4200 | 3045 | 155 | 155 | 6/6 |
| | 5000 | 2800*3100 | 3280 | 130 | 130 | 3200 | 3295 | 155 | 155 | 3600 | 3295 | 155 | 155 | 6/6 |
| | 5500* | 2250*3750 | 3580 | 130 | 130 | 2900 | 3545 | 155 | 155 | 3200 | 3545 | 155 | 155 | 3/6 |
| | 6000* | 1700*2350 | 3830 | 130 | 130 | 2600 | 3795 | 155 | 155 | 3000 | 3795 | 155 | 155 | 3/6 |
| 2 Stage Free Mast | 2000 | \ | \ | \ | \ | 4000 | 1770 | 960 | 545 | 4500 | 1770 | 960 | 545 | 6/12 |
| | 3000 | \ | \ | \ | \ | 4000 | 2270 | 1460 | 1045 | 4500 | 2270 | 1460 | 1045 | 6/12 |
| | 3300 | \ | \ | \ | \ | 4000 | 2420 | 1610 | 1195 | 4500 | 2420 | 1610 | 1195 | 6/12 |
| | 3500 | \ | \ | \ | \ | 4000 | 2520 | 1710 | 1295 | 4500 | 2520 | 1710 | 1295 | 6/12 |
| | 3750 | \ | \ | \ | \ | 4000 | 2645 | 1835 | 1420 | 4500 | 2645 | 1835 | 1420 | 6/6 |
| | 4000 | \ | \ | \ | \ | 3800 | 2770 | 2010 | 1595 | 4300 | 2770 | 2010 | 1595 | 6/6 |
| | 4250 | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | 6/6 |
| | 4500 | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | 6/6 |
| 3 Stage Free Mast | 4000 | \ | \ | \ | \ | 3600*3800 | 2078 | 1296 | 1045 | 4000*4250 | 2078 | 1296 | 1045 | 6/6 |
| | 4350 | \ | \ | \ | \ | 3400*3600 | 2194 | 1412 | 1161 | 3800*4050 | 2194 | 1412 | 1161 | 6/6 |
| | 4500 | \ | \ | \ | \ | 3200*3400 | 2245 | 1463 | 1212 | 3600*3850 | 2245 | 1463 | 1212 | 6/6 |
| | 4700 | \ | \ | \ | \ | \ | \ | \ | \ | | | | | |
| | 4800 | \ | \ | \ | \ | 3000*3200 | 2345 | 1563 | 1312 | 3350*3600 | 2345 | 1563 | 1312 | 6/6 |
| | 5000 | \ | \ | \ | \ | 2800*3000 | 2444 | 1662 | 1411 | 3150*3400 | 2444 | 1662 | 1411 | 6/6 |
| | 5400 | \ | \ | \ | \ | 2350*2800 | 2569 | 1787 | 1536 | 2650*3100 | 2569 | 1787 | 1536 | 3/6 |
| | 5500 | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | |
| | 6000 | \ | \ | \ | \ | 1700*2600 | 2810 | 2028 | 1777 | 2000*2800 | 2810 | 2028 | 1777 | 3/6 |
| | 6500* | \ | \ | \ | \ | 1300*2400 | 2977 | 2195 | 1944 | 1550*2600 | 2977 | 2195 | 1944 | 3/3 |

h1=Max.Lift Height; c=Load Capacity; h2=Lowered Mast Height; h3=Free Lift Height(without backrest) ; h4=Overhead guard height; h5=Free Lift Height(with backrest); F/R=Tilting Angle F/R;h1* means FD38TⅢ with this kind of mast must choose double front tires; and the digital after * in this table shows the load capacity of machine with double front tires optional.






# LG50DT/LG60DT/LG70DT
# overall specifications

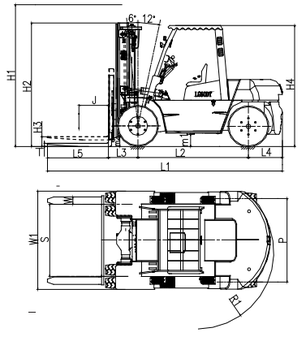
| | | | | | LG50DT | LG60DT | LG70DT |
|---|---|---|---|---|---|---|---|
| Identification | 1.1 | Manufacturer | | | LONKING | LONKING | LONKING |
| | 1.2 | Model | | | LG50DT | LG60DT | LG70DT |
| | 1.4 | Power type (electric,diesel, petrol LPG) | | | Diesel | Diesel | Diesel |
| | 1.5 | Type of operation:hand,pedestrian,standing,seated,order-picker | | | Seated | Seated | Seated |
| | 1.6 | Load capacity/rated load | | kg | 5000 | 6000 | 7000 |
| | 1.7 | Load center distance | J | mm | 600 | 600 | 600 |
| | 1.8 | Front overhang | L3 | mm | 595 | 595 | 595 |
| | 1.9 | Rear overhang | L4 | mm | 600 | 695 | 695 |
| | 2.0 | Wheelbase | L2 | mm | 2250 | 2250 | 2250 |
| Weights | 2.1 | Dead weight | | kg | 8250 | 9240 | 9740 |
| | 2.2 | Axle loading,loaded front/rear | | kg | / | 13083/1454 | 14382/1599 |
| | 2.3 | Axle loading,unloaded front/rear | | kg | 3650/4650 | 3415/5122 | 3592/5389 |
| Wheels,Chassis | 3.1 | Tires:pneumatic,solid rubber | | | pneumatic | pneumatic | pneumatic |
| | 3.2 | Tires size,front | | | 8.25-15-14PR | 8.25-15-14PR | 8.25-15-14PR |
| | 3.3 | Tires size,rear | | | 8.25-15-14PR | 8.25-15-14PR | 8.25-15-14PR |
| | 3.4 | Wheels,number front / rear(X=driven wheels) | | | X=4/2 | X=4/2 | X=4/2 |
| | 3.5 | Track width,front | S | mm | 1470 | 1470 | 1470 |
| | 3.6 | Track width,rear | P | mm | 1700 | 1700 | 1700 |
| Basic Dimensions | 4.11 | Mast/fork carriage tilt forward backward | α/β | degrees | 6/12 | 6/12 | 6/12 |
| | 4.12 | Lowered mast height | h2 | mm | 2500 | 2500 | 2500 |
| | 4.13 | Free lift height | h3 | mm | 205 | 205 | 205 |
| | 4.14 | STD Max lift height | h1 | mm | 3000 | 3000 | 3000 |
| | 4.15 | Overhead guard height | h4 | mm | 2445 | 2445 | 2445 |
| | 4.16 | Distance from seat to overhead guard | SIP | mm | 1050 | 1050 | 1050 |
| | 4.17 | Overall length | L1 | mm | 4715 | 4855 | 4760 |
| | 4.18 | Length to face of forks | L6 | mm | 3495 | 3535 | 3540 |
| | 4.19 | Overall width | W1 | mm | 2000 | 2000 | 2000 |
| | 4.2 | Fork dimensions(hook type) | L5×W×T | mm | 1220×150×60 | 1220×150×60 | 1220×150×65 |
| | 4.21 | Fork carriage ISO 2328, class / type A,B | | | 3/A | 3/A | 3/A |
| | 4.22 | Fork-carriage width | | mm | 1734 | 1734 | 1734 |
| | 4.23 | Ground clearance, under mast | m2 | mm | 200 | 216 | 216 |
| | 4.24 | Ground clearance,centre of wheelbase | m1 | mm | 233 | 248 | 248 |
| | 4.25 | Aisle width for pallets 1,000x1,200 crossways (LxW) | AST | mm | 5230 | 5400 | \ |
| | 4.26 | Aisle width for pallets 800x1,200 lengthways (WxL) | AST | mm | \ | \ | \ |
| | 4.27 | Turning radius | R1 | mm | 3240 | 3415 | 3415 |
| Performance Data | 5.1 | Max.traveling speed, unloaded | | km/h | 27 | 27 | 27 |
| | 5.2 | Max.lifting speed, loaded/ unloaded | | mm/s | 510/530 | 510/530 | 330/450 |
| | 5.3 | Lowering speed, loaded/unloaded | | mm/s | < 600 | < 600 | < 600 |
| | 5.7 | Max.gradient | | % | 20 | 20 | 20 |
| | 5.9 | Service brake | | | Hydraulic | Hydraulic | Hydraulic |
| | 5.10 | Parking brake | | | Hand | Hand | Hand |
| Other Details | 7.1 | Operating pressure | | Mpa | 20 | 20 | 20 |
| | 7.2 | Fuel tank capacity | | L | 140 | 140 | 140 |
| | 7.4 | Type of drive | | | Automatic | | |

| Optional Engine(for5T,6T,7T) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power ( kw/rpm ) | Max.Torque ( Nm/rpm ) | Bore/Number of Cylinders/Displacement ( mm/L ) | Fuel Consumption ( g/KW·h ) |
| 1104D-44TA | Perkins | 74.5/2200 | 415/1350 | 105/4/4.4 | 240 |

# LG50DT/LG60DT/LG70DT
# mast specifications

| Item | Lift height | LG50DT | | | | LG60DT | | | | LG70DT | | | | F/R( ° ) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h1(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | |
| 2 Stage Standard Mast | 2000 | 5000 | 2003 | 206 | 206 | 6000 | 2003 | 206 | 206 | 7000 | 2003 | 206 | 206 | 6/12 |
| | 2500 | 5000 | 2253 | 206 | 206 | 6000 | 2253 | 206 | 206 | 7000 | 2253 | 206 | 206 | 6/12 |
| | 2750 | 5000 | 2378 | 206 | 206 | 6000 | 2378 | 206 | 206 | 7000 | 2378 | 206 | 206 | 6/12 |
| | 3000 | 5000 | 2503 | 206 | 206 | 6000 | 2503 | 206 | 206 | 7000 | 2503 | 206 | 206 | 6/12 |
| | 3300 | 5000 | 2650 | 206 | 206 | 6000 | 2650 | 206 | 206 | 7000 | 2650 | 206 | 206 | 6/12 |
| | 3500 | 5000 | 2750 | 206 | 206 | 6000 | 2750 | 206 | 206 | 7000 | 2750 | 206 | 206 | 6/12 |
| | 3750 | 5000 | 2875 | 206 | 206 | 6000 | 2875 | 206 | 206 | 7000 | 2875 | 206 | 206 | 6/6 |
| | 4000 | 5000 | 3053 | 206 | 206 | 6000 | 3053 | 206 | 206 | 7000 | 3053 | 206 | 206 | 6/6 |
| | 4250 | 5000 | 3178 | 206 | 206 | 6000 | 3178 | 206 | 206 | 7000 | 3178 | 206 | 206 | 6/6 |
| | 4500 | 5000 | 3303 | 206 | 206 | 6000 | 3303 | 206 | 206 | 7000 | 3303 | 206 | 206 | 6/6 |
| | 4750 | 5000 | 3428 | 206 | 206 | 6000 | 3428 | 206 | 206 | 7000 | 3428 | 206 | 206 | 6/6 |
| | 5000 | 5000 | 3553 | 206 | 206 | 6000 | 3553 | 206 | 206 | 7000 | 3553 | 206 | 206 | 6/6 |
| | 5500 | 4750 | 3853 | 206 | 206 | 5700 | 3853 | 206 | 206 | 6600 | 3853 | 206 | 206 | 3/6 |
| | 6000 | 4400 | 4103 | 206 | 206 | 5400 | 4103 | 206 | 206 | 6400 | 4103 | 206 | 206 | 3/6 |
| 2 Stage Free Mast | 2000 | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | 6/12 |
| | 2100 | 5000 | 2050 | 1078 | 615 | 6000 | 2050 | 1078 | 615 | 7000 | 2050 | 1078 | 615 | 6/12 |
| | 2400 | 5000 | 2200 | 1228 | 765 | 6000 | 2200 | 1228 | 765 | 7000 | 2200 | 1228 | 765 | 6/12 |
| | 2500 | 5000 | 2250 | 1278 | 815 | 6000 | 2250 | 1278 | 815 | 7000 | 2250 | 1278 | 815 | 6/12 |
| | 2700 | \ | \ | \ | \ | 6000 | \ | \ | \ | 7000 | \ | \ | \ | 6/12 |
| | 2750 | 5000 | 2375 | 1403 | 940 | 6000 | 2375 | 1403 | 940 | 7000 | 2375 | 1403 | 940 | 6/12 |
| | 3000 | 5000 | 2500 | 1528 | 1065 | 6000 | 2500 | 1528 | 1065 | 7000 | 2500 | 1528 | 1065 | 6/12 |
| | 3250 | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | 6/12 |
| | 3300 | 5000 | 2650 | 1678 | 1215 | 6000 | 2650 | 1678 | 1215 | 7000 | 2650 | 1678 | 1215 | 6/12 |
| | 3500 | 5000 | 2750 | 1778 | 1315 | 6000 | 2750 | 1778 | 1315 | 7000 | 2750 | 1778 | 1315 | 6/12 |
| | 3750 | 5000 | 2875 | 1903 | 1440 | 6000 | 2875 | 1903 | 1440 | 7000 | 2875 | 1903 | 1440 | 6/12 |
| | 4000 | 4800 | 3050 | 2078 | 1565 | 5800 | 3050 | 2078 | 1565 | 6800 | 3050 | 2078 | 1565 | 6/6 |
| | 4250 | 4700 | 3175 | 2203 | 1690 | 5700 | 3175 | 2203 | 1690 | 6700 | 3175 | 2203 | 1690 | 6/6 |
| | 4500 | 4600 | 3300 | 2328 | 1815 | 5600 | 3300 | 2328 | 1815 | 6600 | 3300 | 2328 | 1815 | 6/6 |
| 3 Stage Free Mast | 3600 | 5000 | 2275 | 1390 | 835 | 6000 | 2275 | 1390 | 835 | 7000 | 2275 | 1390 | 835 | 6/12 |
| | 4000 | 4800 | 2410 | 1520 | 970 | 5800 | 2410 | 1520 | 970 | 6800 | 2410 | 1520 | 970 | 6/6 |
| | 4350 | 4600 | 2525 | 1636 | 1085 | 5600 | 2525 | 1636 | 1085 | 6600 | 2525 | 1636 | 1085 | 6/6 |
| | 4500 | 4600 | 2575 | 1686 | 1135 | 5600 | 2575 | 1686 | 1135 | 6600 | 2575 | 1686 | 1135 | 6/6 |
| | 4800 | 4500 | 2680 | 1790 | 1240 | 5600 | 2680 | 1790 | 1240 | 6400 | 2680 | 1790 | 1240 | 6/6 |
| | 5000 | 4500 | 2745 | 1860 | 1305 | 5600 | 2745 | 1860 | 1305 | 6200 | 2745 | 1860 | 1305 | 6(3)/6 |
| | 5400 | 4200 | 2880 | 1990 | 1440 | 5300 | 2880 | 1990 | 1440 | 6000 | 2880 | 1990 | 1440 | 3/6 |
| | 6000 | 4000 | 3080 | 2190 | 1640 | 5000 | 3080 | 2190 | 1640 | 5600 | 3080 | 2190 | 1640 | 3/6 |
| | 6300 | 3300 | 3220 | 2290 | 1780 | 4300 | 3220 | 2290 | 1780 | 5300 | 3220 | 2290 | 1780 | 3/3 |
| | 6500 | 3100 | 3345 | 2360 | 1905 | 4100 | 3345 | 2360 | 1905 | 5100 | 3345 | 2360 | 1905 | 3/3 |
| | 7000 | 2500 | 3455 | 2520 | 2015 | 3500 | 3455 | 2520 | 2015 | 4500 | 3455 | 2520 | 2015 | 3/3 |

h1=Max.Lift Height; c=Load Capacity; h2=Lowered Mast Height; h3=Free Lift Height(without backrest) ; h4=Overhead guard height; h5=Free Lift Height(with backrest); F/R=Tilting Angle F/R






# LG50DT(Compact)/LG50DTIII/LG60DTIII/LG70DTIII overall specifications

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Identification | 1.1 | Manufacturer | | | LONKING | LONKING | LONKING | LONKING |
| | 1.2 | Model | | | LG50DT(Compact) | LG50DTIII | LG60DTIII | LG70DTIII |
| | 1.4 | Power type (electric,diesel, petrol LPG) | | | Diesel | Diesel | Diesel | Diesel |
| | 1.5 | Type of operation:hand,pedestrian,standing,seated,order-picker | | | Seated | Seated | Seated | Seated |
| | 1.6 | Load capacity/rated load | | kg | 5000 | 5000 | 6000 | 7000 |
| | 1.7 | Load center distance | J | mm | 500 | 600 | 600 | 600 |
| | 1.8 | Front overhang | L3 | mm | 555 | 595 | 595 | 600 |
| | 1.9 | Rear overhang | L4 | mm | 584 | 600 | 675 | 720 |
| | 2.0 | Wheelbase | L2 | mm | 2000 | 2300 | 2300 | 2300 |
| Weights | 2.1 | Dead weight | | kg | 7000 | 8250 | 8950 | 9600 |
| | 2.2 | Axle loading,loaded front/rear | | kg | \ | \ | \ | \ |
| | 2.3 | Axle loading,unloaded front/rear | | kg | 2600/4400 | 3650/4650 | \ | \ |
| Wheels,Chassis | 3.1 | Tires:pneumatic,solid rubber | | | pneumatic | pneumatic | pneumatic | pneumatic |
| | 3.2 | Tires size,front | | | 300-15-18PR | 8.25-15-14PR | 8.25-15-14PR | 8.25-15-14PR |
| | 3.3 | Tires size,rear | | | 7.0-12-12PR | 8.25-15-14PR | 8.25-15-14PR | 8.25-15-14PR |
| | 3.4 | Wheels,number front / rear(X=driven wheels) | | | X=2/2 | X=4/2 | X=4/2 | X=4/2 |
| | 3.5 | Track width,front | S | mm | 1180 | 1470 | 1470 | 1470 |
| | 3.6 | Track width,rear | P | mm | 1190 | 1700 | 1700 | 1700 |
| Basic Dimensions | 4.11 | Mast/fork carriage tilt forward backward | α/β | degrees | 6/12 | 6/12 | 6/12 | 6/12 |
| | 4.12 | Lowered mast height | h2 | mm | 2245 | 2500 | 2500 | 2500 |
| | 4.13 | Free lift height | h3 | mm | 150 | 200 | 200 | 205 |
| | 4.14 | STD Max lift height | h1 | mm | 3000 | 3000 | 3000 | 3000 |
| | 4.15 | Overhead guard height | h4 | mm | 2250 | 2450 | 2450 | 2450 |
| | 4.16 | Distance from seat to overhead guard | SIP | mm | \ | 1050 | 1050 | 1050 |
| | 4.17 | Overall length | L1 | mm | 4209 | 4715 | 4790 | 4840 |
| | 4.18 | Length to face of forks | L6 | mm | 2989 | 3495 | 3570 | 3620 |
| | 4.19 | Overall width | W1 | mm | 1480 | 1995 | 1995 | 1995 |
| | 4.2 | Fork dimensions(hook type) | L5×W×T | mm | 1070×150×55 | 1220×150×60 | 1220×150×60 | 1220×150×65 |
| | 4.21 | Fork carriage ISO 2328, class / type A,B | | | 3/A | 3/A | 3/A | 3/A |
| | 4.22 | Fork-carriage width | | mm | 1380 | 1845 | 1845 | 1845 |
| | 4.23 | Ground clearance, under mast | m2 | mm | 175 | 200 | 200 | 200 |
| | 4.24 | Ground clearance,centre of wheelbase | m1 | mm | 215 | 230 | 230 | 230 |
| | 4.25 | Aisle width for pallets 1,000x1,200 crossways (LxW) | AST | mm | 4535 | 5040 | 5100 | 5170 |
| | 4.26 | Aisle width for pallets 800x1,200 lengthways (WxL) | AST | mm | \ | \ | \ | \ |
| | 4.27 | Turning radius | R1 | mm | 2780 | 3240 | 3300 | 3370 |
| Performance Data | 5.1 | Max.traveling speed, unloaded | | km/h | 25 | 29 | 29 | 29 |
| | 5.2 | Max.lifting speed, loaded/ unloaded | | mm/s | 460/520 | 510/530 | 510/530 | 500/530 |
| | 5.3 | Lowering speed, loaded/unloaded | | mm/s | < 600 | < 600 | < 600 | < 600 |
| | 5.7 | Max.gradient | | % | 21 | 38 | 35 | 32 |
| | 5.9 | Service brake | | | Hydraulic | Hydraulic | Hydraulic | Hydraulic |
| | 5.10 | Parking brake | | | Hand | Hand | Hand | Hand |
| Other Details | 7.1 | Operating pressure | | Mpa | 18.5 | 19.6 | 19.6 | 19.6 |
| | 7.2 | Fuel tank capacity | | L | 90 | 140 | 140 | 140 |
| | 7.4 | Type of drive | | | Automatic | Automatic | Automatic | Automatic |

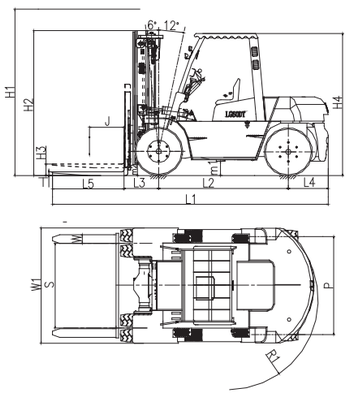
| Optional Engine(for Compact 5t) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power(kw/rpm) | Max.Torque(Nm/rpm) | Bore/Number of Cylinders/Displacement ( mm/L ) | Fuel Consumption(g/KW·h) |
| CA4DX23 | Xichai | 60/2200 | 320/1500 | 102/4/3.8 | 230 |
| S6S | Mitsubishi | 52/2300 | 248/1700 | 94/6/4.96 | 260 |
| YN4EL | Yunnei | 62.5/2200 | 320/1600 | 102/4/3.8 | 215 |

| Optional Engine(for5t&6t&7t) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power(kw/rpm) | Max.Torque ( Nm/rpm ) | Bore/Number of Cylinders/Displacement ( mm/L ) | Fuel Consumption(g/KW·h) |
| CA6110/125G2 | China | 83/2000 | 450/1400 ~ 1500 | 110/6/7.127 | 230 |
| CA4DF3 | China | 85/2200 | 460/1500 ~ 1600 | 110/4/4.75 | 230 |
| CY6B332 | Chaochai | 85/2200 | 450/1400 ~ 1600 | 102/6/5.87 | 235 |
| YC4A125-T300 | Yuchai | 92/2200 | 480/1400 ~ 1800 | 108/4/4.83 | 225 |
| 6BG1 | ISUZU | 82/2000 | 416/1500 | 105/6/6.494 | 292 |
| YN4F | Yunnei | 85/2200 | 460/1400 ~ 1600 | 102/4/4 | 215 |

# LG50DT(Compact)/LG50DTIII/LG60DTIII/LG70DTIII mast specifications

| Item | Lift height | LG50DT(Compact) | | | | LG50DTIII | | | | LG60DTIII | | | | LG70DTIII | | | | F/R( ° ) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h1(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | |
| 2 Stage Standard Mast | 2000 | \ | \ | \ | \ | 5000 | 2000 | 211 | 206 | 6000 | 2000 | 211 | 206 | 7000 | 2000 | 211 | 206 | 6/12 |
| | 2500 | 5000 | 1995 | 155 | 155 | 5000 | 2250 | 211 | 206 | 6000 | 2250 | 211 | 206 | 7000 | 2250 | 211 | 206 | 6/12 |
| | 2700 | \ | \ | \ | \ | 5000 | 2350 | 211 | 206 | 6000 | 2350 | 211 | 206 | 7000 | 2350 | 211 | 206 | 6/12 |
| | 2750 | 5000 | 2120 | 155 | 155 | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | 6/12 |
| | 3000 | 5000 | 2245 | 155 | 155 | 5000 | 2500 | 211 | 206 | 6000 | 2500 | 211 | 206 | 7000 | 2500 | 211 | 206 | 6/12 |
| | 3250 | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | 6/12 |
| | 3300 | 5000 | 2395 | 155 | 155 | 5000 | 2650 | 211 | 206 | 6000 | 2650 | 211 | 206 | 7000 | 2650 | 211 | 206 | 6/12 |
| | 3500 | 5000 | 2495 | 155 | 155 | 5000 | 2750 | 211 | 206 | 6000 | 2750 | 211 | 206 | 7000 | 2750 | 211 | 206 | 6/12 |
| | 3750 | 5000 | 2620 | 155 | 155 | 5000 | 2875 | 211 | 206 | 6000 | 2875 | 211 | 206 | 7000 | 2875 | 211 | 206 | 6/12 |
| | 4000 | 5000 | 2795 | 155 | 155 | 5000 | 3050 | 211 | 206 | 6000 | 3050 | 211 | 206 | 7000 | 3050 | 211 | 206 | 6/12 |
| | 4250 | 4700 | 2920 | 155 | 155 | 5000 | 3175 | 211 | 206 | 6000 | 3175 | 211 | 206 | 7000 | 3175 | 211 | 206 | 6/(6)12 |
| | 4500 | 4500 | 3045 | 155 | 155 | 5000 | 3300 | 211 | 206 | 6000 | 3300 | 211 | 206 | 7000 | 3300 | 211 | 206 | 6/(6)12 |
| | 4750 | 4250 | 3170 | 155 | 155 | 5000 | 3425 | 211 | 206 | 6000 | 3425 | 211 | 206 | 7000 | 3425 | 211 | 206 | 6/6 |
| | 5000 | 4000 | 3295 | 155 | 155 | 5000 | 3550 | 211 | 206 | 6000 | 3550 | 211 | 206 | 7000 | 3550 | 211 | 206 | 6/6 |
| | 5500 | 3600 | 3545 | 155 | 155 | 4750 | 3850 | 211 | 206 | 5700 | 3850 | 211 | 206 | 6600 | 3850 | 211 | 206 | 3/6 |
| | 6000 | 3300 | 3795 | 155 | 155 | 4400 | 4100 | 211 | 206 | 5400 | 4100 | 211 | 206 | 6400 | 4100 | 211 | 206 | 3/6 |
| 2 Stage Free Mast | 2000 | 5000 | 1770 | 960 | 545 | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | 6/12 |
| | 2100 | \ | \ | \ | \ | 5000 | 2050 | 1078 | 615 | 6000 | 2050 | 1078 | 615 | 7000 | 2050 | 1078 | 615 | 6/12 |
| | 2400 | \ | \ | \ | \ | 5000 | 2200 | 1228 | 765 | 6000 | 2200 | 1228 | 765 | 7000 | 2200 | 1228 | 765 | 6/12 |
| | 2500 | 5000 | 2020 | 1210 | 795 | 5000 | 2250 | 1278 | 815 | 6000 | 2250 | 1278 | 815 | 7000 | 2250 | 1278 | 815 | 6/12 |
| | 2700 | 5000 | 2120 | 1310 | 895 | \ | \ | \ | \ | 6000 | \ | \ | \ | 7000 | \ | \ | \ | 6/12 |
| | 2750 | \ | \ | \ | \ | 5000 | 2375 | 1403 | 940 | 6000 | 2375 | 1403 | 940 | 7000 | 2375 | 1403 | 940 | 6/12 |
| | 3000 | 5000 | 2270 | 1460 | 1045 | 5000 | 2500 | 1528 | 1065 | 6000 | 2500 | 1528 | 1065 | 7000 | 2500 | 1528 | 1065 | 6/12 |
| | 3250 | \ | \ | \ | \ | \ | \ | \ | \ | 6000 | \ | \ | \ | 7000 | \ | \ | \ | 6/12 |
| | 3300 | 5000 | 2420 | 1610 | 1195 | 5000 | 2650 | 1678 | 1215 | 6000 | 2650 | 1678 | 1215 | 7000 | 2650 | 1678 | 1215 | 6/12 |
| | 3500 | 5000 | 2520 | 1710 | 1295 | 5000 | 2750 | 1778 | 1315 | 6000 | 2750 | 1778 | 1315 | 7000 | 2750 | 1778 | 1315 | 6/12 |
| | 3750 | 5000 | 2645 | 1835 | 1420 | 5000 | 2875 | 1903 | 1440 | 6000 | 2875 | 1903 | 1440 | 7000 | 2875 | 1903 | 1440 | 6/12 |
| | 4000 | 4800 | 270 | 2010 | 1595 | 4800 | 3050 | 2078 | 1565 | 5800 | 3050 | 2078 | 1565 | 6800 | 3050 | 2078 | 1565 | 6/6 |
| | 4250 | \ | \ | \ | \ | 4700 | 3175 | 2203 | 1690 | 5700 | 3175 | 2203 | 1690 | 6700 | 3175 | 2203 | 1690 | 6/6 |
| | 4500 | \ | \ | \ | \ | 4600 | 3300 | 2328 | 1815 | 5600 | 3300 | 2328 | 1815 | 6600 | 3300 | 2328 | 1815 | 6/6 |
| 3 Stage Free Mast | 3600 | 4800*5000 | 1944 | 1028 | 777 | 5000 | 2275 | 1390 | 835 | 6000 | 2275 | 1390 | 835 | 7000 | 2275 | 1390 | 835 | 6/12 |
| | 4000 | 4500*4750 | 2078 | 1296 | 1045 | 4800 | 2410 | 1520 | 970 | 5800 | 2410 | 1520 | 970 | 6800 | 2410 | 1520 | 970 | 6/6 |
| | 4350 | 4250*4500 | 2194 | 1412 | 1161 | 4600 | 2525 | 1636 | 1085 | 5600 | 2525 | 1636 | 1085 | 6600 | 2525 | 1636 | 1085 | 6/6 |
| | 4500 | 4100*4250 | 2245 | 1463 | 1212 | 4600 | 2575 | 1686 | 1135 | 5600 | 2575 | 1686 | 1135 | 6600 | 2575 | 1686 | 1135 | 6/6 |
| | 4800 | 3800*4000 | 2345 | 1563 | 1312 | 4500 | 2680 | 1790 | 1240 | 5600 | 2680 | 1790 | 1240 | 6400 | 2680 | 1790 | 1240 | 6/6 |
| | 5000 | 3500*3750 | 2444 | 1662 | 1411 | 4500 | 2745 | 1860 | 1305 | 5600 | 2745 | 1860 | 1305 | 6200 | 2745 | 1860 | 1305 | 6(3)/6 |
| | 5400 | 2950*3350 | 2569 | 1787 | 1536 | 4200 | 2880 | 1990 | 1440 | 5300 | 2880 | 1990 | 1440 | 6000 | 2880 | 1990 | 1440 | 3/6 |
| | 6000 | 2300*2950 | 2810 | 2028 | 1777 | 4000 | 3080 | 2190 | 1640 | 5000 | 3080 | 2190 | 1640 | 5600 | 3080 | 2190 | 1640 | 3/6 |
| | 6300 | \ | \ | \ | \ | 3300 | 3220 | 2290 | 1780 | 4300 | 3220 | 2290 | 1780 | 5300 | 3220 | 2290 | 1780 | 3/3 |
| | 6500 | 1800*2700 | 2977 | 2195 | 1944 | 3100 | 3345 | 2360 | 1905 | 4100 | 3345 | 2360 | 1905 | 5100 | 3345 | 2360 | 1905 | 3/3 |
| | 7000 | \ | \ | \ | \ | 2500 | 3455 | 2520 | 2015 | 3500 | 3455 | 2520 | 2015 | 4500 | 3455 | 2520 | 2015 | 3/3 |

h1=Max.Lift Height; c=Load Capacity; h2=Lowered Mast Height; h3=Free Lift Height(without backrest) ; h4=Overhead guard height; h5=Free Lift Height(with backrest); F/R=Tilting Angle F/R; and the digital after * in this table shows the load capacity of machine with double front tires optional.






# LG85DT/LG100DT
# overall specifications

| | | | | | | |
|---|---|---|---|---|---|---|
| Identification | 1.1 | Manufacturer | | | LONKING | LONKING |
| | 1.2 | Model | | | LG85DTIII | LG100DTIII |
| | 1.4 | Power type (electric,diesel, petrol LPG) | | | Diesel | Diesel |
| | 1.5 | Type of operation: hand, pedestrian, standing, seated, order-picker | | | Seated | Seated |
| | 1.6 | Load capacity/rated load | | kg | 8500 | 10000 |
| | 1.7 | Load center distance | J | mm | 600 | 600 |
| | 1.8 | Front overhang | L3 | mm | 705 | 720 |
| | 1.9 | Rear overhang | L4 | mm | 740 | 740 |
| | 2.0 | Wheelbase | L2 | mm | 2500 | 3000 |
| Weights | 2.1 | Dead weight | | kg | 12300 | 13500 |
| | 2.2 | Axle loading,loaded front/rear | | kg | 18500/2100 | 21200/2300 |
| | 2.3 | Axle loading,unloaded front/rear | | kg | 5600/6700 | 6100/7400 |
| Wheels,Chassis | 3.1 | Tires:pneumatic,solid rubber | | | pneumatic | pneumatic |
| | 3.2 | Tires size,front | | | 9.00-20-14PR | 9.00-20-14PR |
| | 3.3 | Tires size,rear | | | 9.00-20-14PR | 9.00-20-14PR |
| | 3.4 | Wheels,number front / rear(X=driven wheels) | | | X=4/2 | X=4/2 |
| | 3.5 | Track width,front | S | mm | 1600 | 1600 |
| | 3.6 | Track width,rear | P | mm | 1700 | 1700 |
| Basic Dimensions | 4.11 | Mast/fork carriage tilt forward backward | α/β | degrees | 6/12 | 6/12 |
| | 4.12 | Lowered mast height | h2 | mm | 2700 | 2845 |
| | 4.13 | Free lift height | h3 | mm | 200 | 200 |
| | 4.14 | STD Max lift height | h1 | mm | 3000 | 3000 |
| | 4.15 | Overhead guard height | h4 | mm | 2560 | 2560 |
| | 4.16 | Distance from seat to overhead guard | SIP | mm | 1060 | 1060 |
| | 4.17 | Overall length | L1 | mm | 5465 | 5780 |
| | 4.18 | Length to face of forks | L6 | mm | 3945 | 4260 |
| | 4.19 | Overall width | W1 | mm | 2165 | 2165 |
| | 4.2 | Fork dimensions(hook type) | L5×W×T | mm | 1520×170×70 | 1520×175×85 |
| | 4.21 | Fork carriage ISO 2328, class / type A,B | | | 5/A | 5/A |
| | 4.22 | Fork-carriage width | | mm | 2060 | 2203 |
| | 4.23 | Ground clearance, under mast | m2 | mm | 240 | 240 |
| | 4.24 | Ground clearance,centre of wheelbase | m1 | mm | 280 | 280 |
| | 4.25 | Aisle width for pallets 1,000x1,200 crossways (LxW) | AST | mm | 5605 | 5620 |
| | 4.26 | Aisle width for pallets 800x1,200 lengthways (WxL) | AST | mm | \ | \ |
| | 4.27 | Turning radius | R1 | mm | 3700 | 3900 |
| Performance Data | 5.1 | Max.traveling speed, unloaded | | km/h | 28 | 28 |
| | 5.2 | Max.lifting speed, loaded/ unloaded | | mm/s | 390/420 | 330/350 |
| | 5.3 | Lowering speed, loaded/unloaded | | mm/s | < 600 | < 600 |
| | 5.7 | Max.gradient | | % | 20 | 20 |
| | 5.9 | Service brake | | | Hydraulic | Hydraulic |
| | 5.10 | Parking brake | | | Hand | Hand |
| Other Details | 7.1 | Operating pressure | | Mpa | 19.6 | 19.6 |
| | 7.2 | Fuel tank capacity | | L | 160 | 160 |
| | 7.4 | Type of drive | | | Automatic | Automatic |

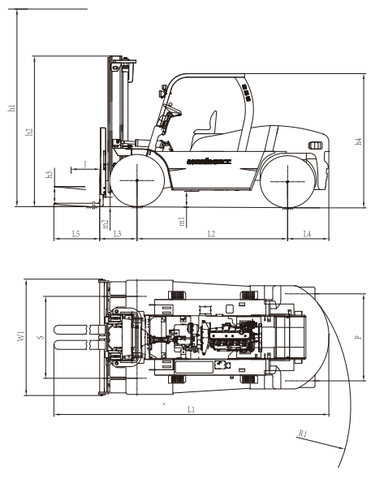
| Optional Engine(for 8.5t) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power（kw/rpm） | Max.Torque（Nm/rpm） | Bore/Number of Cylinders/Displacement （mm/L） | Fuel Consumption（g/KW·h） |
| CY6B332 | Chaochai | 85/2200 | 450/1500 | 102/6/5.87 | 235 |
| CA4DF3 | Xichai | 85/2200 | 460/1500 | 110/4/4.75 | 230 |
| 6BG1 | ISUZU | 82/2000 | 416/1500 | 105/6/6.494 | 292 |
| 1104D-E44TA | Perkins | 87/2200 | 518/1400 | 105/4/4.4 | 230 |
| YC4A125-T300 | Yuchai | 92/2200 | 480/1400 | 108/4/4.83 | 225 |

| Optional Engine(for 10t) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power（kw/rpm） | Max.Torque（Nm/rpm） | Bore/Number of Cylinders/Displacement （mm/L） | Fuel Consumption（g/KW·h） |
| 1104D-E44TA | Perkins | 87/2200 | 518/1400 | 105/4/4.4 | 230 |
| 6BG1 | ISUZU | 82/2000 | 416/1500 | 105/6/6.494 | 292 |
| CA4DF3 | Xichai | 85/2200 | 460/1500 | 110/4/4.75 | 230 |
| CY6B332 | Chaochai | 85/2200 | 450/1400 | 102/6/5.87 | 235 |
| YC4A125-T300 | Yuchai | 92/2200 | 480/1400 | 108/4/4.83 | 225 |

# LG85DT/LG100DT
# mast specifications

| Item | Lift height | LG85DTIII | | | | | | | | F/R( °) |
|---|---|---|---|---|---|---|---|---|---|---|
| | h1(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | |
| 2 Stage Standard Mast | 3000 | 8500 | 2695 | 200 | 200 | 10000 | 2845 | 215 | 215 | 6/12 |
| | 3300 | 8500 | 2845 | 200 | 200 | 10000 | 2995 | 215 | 215 | 6/12 |
| | 3500 | 8500 | 2945 | 200 | 200 | 10000 | 3095 | 215 | 215 | 6/12 |
| | 3750 | 8500 | 3070 | 200 | 200 | 10000 | 3220 | 215 | 215 | 6/12 |
| | 4000 | 8500 | 3245 | 200 | 200 | 10000 | 3395 | 215 | 215 | 6/6 |
| | 4250 | 8500 | 3370 | 200 | 200 | 10000 | 3520 | 215 | 215 | 6/6 |
| | 4500 | 8500 | 3495 | 200 | 200 | 10000 | 3645 | 215 | 215 | 6/6 |
| | 4750 | 8200 | 3620 | 200 | 200 | 10000 | 3770 | 215 | 215 | 6/6 |
| | 5000 | 8200 | 3745 | 200 | 200 | 10000 | 3895 | 215 | 215 | 6/6 |
| | 5500 | 7850 | 4045 | 200 | 200 | 9000 | 4195 | 215 | 215 | 3/6 |
| | 6000 | 7400 | 4295 | 200 | 200 | 8000 | 4445 | 215 | 215 | 3/6 |
| 2 Stage Free Mast | 2000 | \ | \ | \ | \ | 8000 | 2345 | 1040 | \ | 6/12 |
| | 3000 | \ | \ | \ | \ | 8000 | 2845 | 1540 | \ | 6/12 |
| | 3300 | \ | \ | \ | \ | 8000 | 2995 | 1690 | \ | 6/12 |
| | 3500 | \ | \ | \ | \ | 8000 | 3095 | 1790 | \ | 6/12 |
| | 3700 | \ | \ | \ | \ | 8000 | 3195 | 1895 | \ | 6/12 |
| | 4000 | \ | \ | \ | \ | 8000 | 3395 | 2095 | \ | 6/12 |
| | 4250 | \ | \ | \ | \ | 8000 | 3520 | 2215 | \ | 6/12 |
| | 4500 | \ | \ | \ | \ | 8000 | 3645 | 2340 | \ | 6/12 |
| 3 Stage Free Mast | 4000 | \ | \ | \ | \ | 8000 | 2675 | 1370 | 1212 | 6/12 |
| | 4350 | \ | \ | \ | \ | 8000 | 2795 | 1490 | 1332 | 6/12 |
| | 4500 | \ | \ | \ | \ | 8000 | 2845 | 1540 | 1382 | 6/6 |
| | 4800 | \ | \ | \ | \ | 7500 | 2945 | 1640 | 1482 | 6/6 |
| | 5000 | \ | \ | \ | \ | 7500 | 3010 | 1705 | 1547 | 3/6 |
| | 5400 | \ | \ | \ | \ | 7000 | 3200 | 1895 | 1737 | 3/6 |
| | 5500 | \ | \ | \ | \ | 6000 | 3400 | 2095 | 1937 | 3/6 |
| | 6000 | \ | \ | \ | \ | 5800 | 3500 | 2195 | 2037 | 3/6 |
| | 6500 | \ | \ | \ | \ | 5600 | 3565 | 2260 | 2102 | 3/6 |

h1=Max.Lift Height; c=Load Capacity; h2=Lowered Mast Height; h3=Free Lift Height(without backrest) ; h4=Overhead guard height; h5=Free Lift Height(with backrest); F/R=Tilting Angle F/R.






# LG80DT/LG100DT/LG120DT/LG160DT/LG250DT
# overall specifications

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| dentification | 1.1 | Manufacturer | | | LONKING | LONKING | LONKING | LONKING | LONKING |
| | 1.2 | Model | | | LG80DT | LG100DT | LG120DT | LG160DT | LG250DT |
| | 1.4 | Power type (electric,diesel, petrol LPG) | | | Diesel | Diesel | Diesel | Diesel | Diesel |
| | 1.5 | Type of operation: hand, pedestrian, standing, seated, order-picker | | | Seated | Seated | Seated | Seated | Seated |
| | 1.6 | Load capacity/rated load | | kg | 8000 | 10000 | 12000 | 16000 | 25000 |
| | 1.7 | Load center distance | J | mm | 600 | 600 | 600 | 600 | 1200 |
| | 1.8 | Front overhang | L3 | mm | 713 | 716 | 730 | 968 | 1095 |
| | 1.9 | Rear overhang | L4 | mm | 778 | 780 | 720 | 841 | 907 |
| | 2.0 | Wheelbase | L2 | mm | 2500 | 2800 | 2950 | 3800 | 4500 |
| Weights | 2.1 | Dead weight | | kg | 11700 | 13000 | 14500 | 22000 | 34400 |
| | 2.2 | Axle loading, loaded front/rear | | kg | \ | \ | \ | \ | \ |
| | 2.3 | Axle loading, unloaded front/rear | | kg | 4900/6800 | \ | 6000/8500 | 5800/7200 | \ |
| Wheels,Chassis | 3.1 | Tires: pneumatic, solid rubber | | | pneumatic | pneumatic | pneumatic | pneumatic | pneumatic |
| | 3.2 | Tires size, front | | | 9.00-20-14PR | 9.00-20-14PR | 10.00-20-16PR | 12.00-24-20PR | 14.00-24-28PR |
| | 3.3 | Tires size, rear | | | 9.00-20-14PR | 9.00-20-14PR | 10.00-20-16PR | 12.00-24-20PR | 14.00-24-28PR |
| | 3.4 | Wheels,number front / rear(X=driven wheels) | | | X=4/2 | X=4/2 | X=4/2 | X=4/2 | X=4/2 |
| | 3.5 | Track width,front | S | mm | 1600 | 1600 | 1724 | 1895 | 2198 |
| | 3.6 | Track width,rear | P | mm | 1700 | 1700 | 1850 | 2120 | 2332 |
| Basic Dimensions | 4.11 | Mast/fork carriage tilt forward backward | α/β | degrees | 6/12 | 6/12 | 6/12 | 6/12 | 5/10 |
| | 4.12 | Lowered mast height | h2 | mm | 2845 | 2845 | 3170 | 3675 | 6000 |
| | 4.13 | Free lift height | h3 | mm | 200 | 210 | \ | \ | \ |
| | 4.14 | STD Max lift height | h1 | mm | 3000 | 3000 | 3000 | 3500 | 4000 |
| | 4.15 | Overhead guard height | h4 | mm | 2590 | 2595 | 2610 | 3566 | 3340 |
| | 4.16 | Distance from seat to overhead guard | SIP | mm | 1030 | 1075 | 1060 | 1070 | \ |
| | 4.17 | Overall length | L1 | mm | 5230 | 5520 | 5770 | 7410 | 8902 |
| | 4.18 | Length to face of forks | L6 | mm | 3730 | 4000 | 4400 | 4658 | 6502 |
| | 4.19 | Overall width | W1 | mm | 2169 | 2230 | 2350 | 2752 | 3050 |
| | 4.2 | Fork dimensions(hook type) | L5×W×T | mm | 1520×175×70 | 1520×175×85 | 1370×175×85 | 1800×200×100 | 2400×250×110 |
| | 4.21 | Fork carriage ISO 2328, class / type A,B | | | 5/A | 5/A | \ | \ | \ |
| | 4.22 | Fork-carriage width | | mm | 2203 | 2203 | 2284 | 2354 | 3000 |
| | 4.23 | Ground clearance, under mast | m2 | mm | 245 | 240 | 260 | 330 | 310 |
| | 4.24 | Ground clearance, centre of wheelbase | m1 | mm | 290 | 300 | 360 | 355 | \ |
| | 4.25 | Aisle width for pallets 1,000x1,200 crossways (LxW) | AST | mm | 5400 | 5960 | 6600 | 8268 | 5800 |
| | 4.26 | Aisle width for pallets 800x1,200 lengthways (WxL) | AST | mm | \ | \ | \ | \ | \ |
| | 4.27 | Turning radius | R1 | mm | 3700 | 4000 | 4300 | 5300 | 6000 |
| Performance Data | 5.1 | Max. traveling speed, unloaded | | km/h | 27 | 27 | 27 | 27 | 27 |
| | 5.2 | Max. lifting speed, loaded/ unloaded | | mm/s | 360/370 | 330/450 | 350/370 | 280/300 | 240/260 |
| | 5.3 | Lowering speed, loaded/unloaded | | mm/s | < 600 | < 600 | < 600 | < 600 | \ |
| | 5.7 | Max. gradient | | % | 20 | 20 | 20 | 20 | 23 |
| | 5.9 | Service brake | | | Hydraulic | Hydraulic | Hydraulic | Hydraulic | Hydraulic |
| | 5.10 | Parking brake | | | Hand | Hand | Hand | Hand | Hand |
| Other Details | 7.1 | Operating pressure | | Mpa | 20 | 20 | 20 | 21 | 21 |
| | 7.2 | Fuel tank capacity | | L | 140 | 170 | 300 | 350 | 430 |
| | 7.4 | Type of drive | | | Automatic | Automatic | Automatic | Automatic | Automatic |

| Optional Engine(for 8t) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power ( kw/rpm ) | Max. Torque ( Nm/rpm ) | Bore/Number of Cylinders/Displacement ( mm/L ) | Fuel Consumption ( g/KW·h ) |
| YC6B125 | China | 92/2200 | 463/1600 | 108/6/6.781 | 235 |

| Optional Engine(for10t) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power ( kw/rpm ) | Max. Torque ( Nm/rpm ) | Bore/Number of Cylinders/Displacement ( mm/L ) | Fuel Consumption ( g/KW·h ) |
| YC6B125 | China | 92/2200 | 463/1600 | 108/6/6.781 | 235 |

| Optional Engine(for12t) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power ( kw/rpm ) | Max. Torque ( Nm/rpm ) | Bore/Number of Cylinders/Displacement ( mm/L ) | Fuel Consumption ( g/KW·h ) |
| QSB4.5-C160 | Cummins | 119/2200 | 624/1400 | 107/4/4.5 | 230 |
| CA6DF3 | Xichai | 118/2200 | 640/1300 | 110/6/7.12 | 230 |

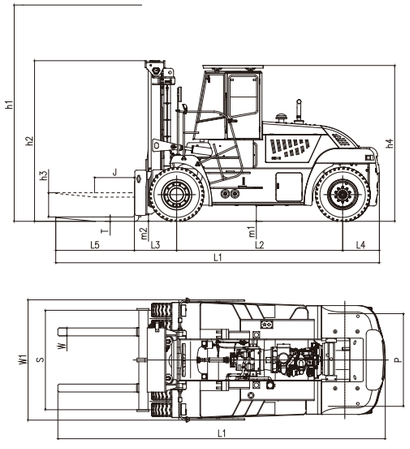
| Optional Engine(for 16t) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power ( kw/rpm ) | Max. Torque ( Nm/rpm ) | Bore/Number of Cylinders/Displacement ( mm/L ) | Fuel Consumption ( g/KW·h ) |
| YC6J175-T300 | China,Yuchai | 129/2200 | 710/1400~1700 | 105/6/6.494 | 230 |
| QSB6.7-C190 | Cummins | 142/2300 | 931/1500 | 107/6/6.7 | 230 |
| WP6G190E330 | Weichai | 140/2200 | 760/1400~1600 | 105/6/6.75 | 225 |
| YC6A200-T300 | Yuchai | 147/2200 | 800/1400~1700 | 108/6/7.25 | 230 |

| Optional Engine(for 25t) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power ( kw/rpm ) | Max. Torque ( Nm/rpm ) | Bore/Number of Cylinders/Displacement ( mm/L ) | Fuel Consumption ( g/KW·h ) |
| TAD722VE | Volvo | 200/2300 | 1050/1500 | 108/6/7.2 | 235 |
| QSB6.7-C260 | DF Cummins | 194/2200 | 990/1500 | 107/6/6.7 | 230 |

# LG80DT/LG100DT/LG120DT/LG160DT/LG250DT
# mast specifications

| Item | Lift height | LG80DT | | | | LG100DT | | | | LG120DT | | | | LG160DT | | | | LG250DT | | | | F/R( ° ) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h1(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | |
| 2 Stage Standard Mast | 3000 | 8000 | 2845 | 200 | 200 | 10000 | 2845 | 210 | 210 | 12000 | 3168 | \ | \ | 16000 | 3425 | \ | \ | \ | \ | \ | \ | 6/12 |
| | 3250 | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | 6/12 |
| | 3300 | 8000 | 2995 | 200 | 200 | 10000 | 2995 | 210 | 210 | 12000 | 3318 | \ | \ | 16000 | 3575 | \ | \ | \ | \ | \ | \ | 6/12 |
| | 3500 | 8000 | 3095 | 200 | 200 | 10000 | 3095 | 210 | 210 | 12000 | 3418 | \ | \ | 16000 | 3675 | \ | \ | \ | \ | \ | \ | 6/12 |
| | 3750 | 8000 | 3220 | 200 | 200 | 10000 | 3220 | 210 | 210 | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | 6/12 |
| | 4000 | 7800 | 3395 | 200 | 200 | 9800 | 3395 | 210 | 210 | 12000 | 3668 | \ | \ | 16000 | 3925 | \ | \ | 25000 | 4000 | 6000 | \ | 6/6(6/12) |
| | 4250 | 7500 | 3520 | 200 | 200 | 9500 | 3520 | 210 | 210 | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | 6/6(6/12) |
| | 4500 | 7300 | 3645 | 200 | 200 | 9300 | 3645 | 210 | 210 | 11500 | 3918 | \ | \ | 15500 | 4225 | \ | \ | \ | \ | \ | \ | 6/6 |
| | 4750 | 7000 | 3770 | 200 | 200 | 9000 | 3770 | 210 | 210 | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | 6/6 |
| | 5000 | 6800 | 3895 | 200 | 200 | 8800 | 3895 | 210 | 210 | 11000 | 4168 | \ | \ | 15000 | 4475 | \ | \ | \ | \ | \ | \ | 6/6 |
| | 5500 | 6500 | 4195 | 200 | 200 | 8500 | 4195 | 210 | 210 | 10500 | 4418 | \ | \ | 14500 | 4755 | \ | \ | \ | \ | \ | \ | 3/6 |
| | 6000 | 6000 | 4445 | 200 | 200 | 8000 | 4445 | 210 | 210 | 10000 | 4668 | \ | \ | 14000 | 5005 | \ | \ | \ | \ | \ | \ | 3/6 |
| | 6500 | \ | \ | \ | \ | \ | \ | \ | \ | 9500 | 4918 | \ | \ | 13500 | 5305 | \ | \ | \ | \ | \ | \ | 3/6 |
| | 7000 | \ | \ | \ | \ | \ | \ | \ | \ | 9000 | 5168 | \ | \ | 13400 | 5555 | \ | \ | \ | \ | \ | \ | 3/6 |

h1=Max.Lift Height; c=Load Capacity; h2=Lowered Mast Height; h3=Free Lift Height(without backrest) ; h4=Overhead guard height; h5=Free Lift Height(with backrest); F/R=Tilting Angle F/R.






# LG20GLT/LG25GLT/LG30GLT/LG35GLT
# overall specifications

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Identification | 1.1 | Manufacturer | | | LONKING | LONKING | LONKING | LONKING |
| | 1.2 | Model | | | LG20GLT(III) | LG25GLT(III) | LG30GLT (III) | LG35GLT(III) |
| | 1.4 | Power type (electric,diesel, petrol LPG) | | | petrol LPG | petrol LPG | petro/LPG | petrol LPG |
| | 1.5 | Type of operation:hand,pedestrian,standing,seated,order-picker | | | Seated | Seated | Seated | Seated |
| | 1.6 | Load capacity/rated load | | kg | 2000 | 2500 | 3000 | 3500 |
| | 1.7 | Load center distance | J | mm | 500 | 500 | 500 | 500 |
| | 1.8 | Front overhang | L3 | mm | 448 | 448 | 487 | 498 |
| | 1.9 | Rear overhang | L4 | mm | 500 | 500 | 550 | 580 |
| | 2.0 | Wheelbase | L2 | mm | 1650 | 1650 | 1750 | 1750 |
| Weights | 2.1 | Dead weight | | kg | 3260 | 3500 | 4200 | 4635 |
| | 2.2 | Axle loading,loaded front/rear | | kg | \ | \ | \ | \ |
| | 2.3 | Axle loading,unloaded front/rear | | kg | \ | \ | \ | \ |
| Wheels,Chassis | 3.1 | Tires:pneumatic,solid rubber | | | pneumatic | pneumatic | pneumatic | pneumatic |
| | 3.2 | Tires size,front | | | 7.00-12-12PR | 7.00-12-12PR | 28x9-15-14PR | 28x9-15-14PR |
| | 3.3 | Tires size,rear | | | 6.00-9-10PR | 6.00-9-10PR | 6.5-10-10PR | 6.5-10-10PR |
| | 3.4 | Wheels,number front / rear(X=driven wheels) | | | X=2/2 | X=2/2 | X=2/2 | X=2/2 |
| | 3.5 | Track width,front | S | mm | 970 | 970 | 1030 | 1030 |
| | 3.6 | Track width,rear | P | mm | 980 | 980 | 980 | 980 |
| Basic Dimensions | 4.11 | Mast/fork carriage tilt forward backward | α/β | degrees | 6/12 | 6/12 | 6/12 | 6/12 |
| | 4.12 | Lowered mast height | h2 | mm | 2135 | 2135 | 2132 | 2180 |
| | 4.13 | Free lift height | h3 | mm | 110 | 110 | 125 | 170 |
| | 4.14 | STD Max lift height | h1 | mm | 3000 | 3000 | 3000 | 3000 |
| | 4.15 | Overhead guard height | h4 | mm | 2130 | 2130 | 2150 | 2150 |
| | 4.16 | Distance from seat to overhead guard | SIP | mm | 1000 | 1000 | 1000 | 1000 |
| | 4.17 | Overall length | L1 | mm | 3670 | 3670 | 3850 | 3898 |
| | 4.18 | Length to face of forks | L6 | mm | 2598 | 2598 | 2787 | 2828 |
| | 4.19 | Overall width | W1 | mm | 1165 | 1165 | 1250 | 1250 |
| | 4.2 | Fork dimensions(hook type) | L5×W×T | mm | 1070×120×40 | 1070×120×40 | 1070×125×45 | 1070×125×50 |
| | 4.21 | Fork carriage ISO 2328, class / type A,B | | | 2/A | 2/A | 3/A | 3/A |
| | 4.22 | Fork-carriage width | | mm | 1040 | 1040 | 1100 | 1100 |
| | 4.23 | Ground clearance, under mast | m2 | mm | 135 | 135 | 130 | 130 |
| | 4.24 | Ground clearance,centre of wheelbase | m1 | mm | 160 | 160 | 165 | 165 |
| | 4.25 | Aisle width for pallets 1,000x1,000 crossways (LxW) | AST | mm | 3950 | 3950 | 4200 | 4225 |
| | 4.26 | Aisle width for pallets 800x1,200 lengthways (WxL) | AST | mm | \ | \ | \ | \ |
| | 4.27 | Turning radius | R1 | mm | 2300 | 2300 | 2520 | 2530 |
| Performance Data | 5.1 | Max.traveling speed, unloaded | | km/h | 20 | 20 | 20 | 20 |
| | 5.2 | Max.lifting speed, loaded/ unloaded | | mm/s | 560/580 | 560/580 | 500/520 | 400/420 |
| | 5.3 | Lowering speed, loaded/unloaded | | mm/s | < 600 | < 600 | < 600 | < 600 |
| | 5.7 | Max.gradient | | % | 20 | 20 | 20 | 20 |
| | 5.9 | Service brake | | | Hydraulic | Hydraulic | Hydraulic | Hydraulic |
| | 5.10 | Parking brake | | | Hand | Hand | Hand | Hand |
| Other Details | 7.1 | Operating pressure | | Mpa | 17.5 | 19.5 | 19.5 | 19.5 |
| | 7.2 | Fuel tank capacity | | L | 50 | 50 | 60 | 60 |
| | 7.4 | Type of drive | | | Automatic | | | |

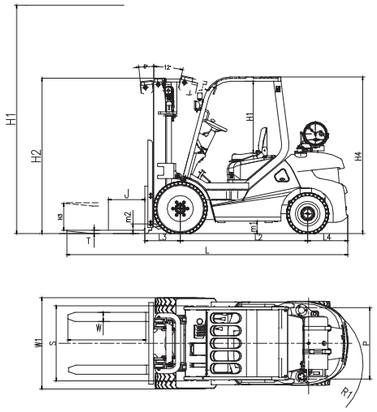
| Optional Engine(for 2t&2.5t) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power ( kw/rpm ) | Max.Torque ( Nm/rpm ) | Bore/Number of Cylinders/Displacement | Fuel Consumption |
| K21 | NISSAN | 31.2/2250 | 143.7/1600 | 89/4/2.065 ( mm/L ) | 288 ( g/KW·h ) |
| PSI2.4 | PSI | 48/2700 | 170/2400~2800 | 86.5/4/2.351 | 298 |

| Optional Engine(for 3t&3.5t) | | | | | |
|---|---|---|---|---|---|
| Engine Model | Manufacturer | Rated Power ( kw/rpm ) | Max.Torque ( Nm/rpm ) | Bore/Number of Cylinders/Displacement ( mm/L ) | Fuel Consumption ( g/KW·h ) |
| K25 | NISSAN | 35.6/2100 | 176.5/1600 | 89/4/2.488 | 299 |
| GQ-4Y | China | Gasoline:41/2800 | Gasoline:161/1800~2200 | 91/4/2.237 | 280 |
| | | LPG:37/2800 | LPG:154/1800 | | |

# LG20GLT/LG25GLT/LG30GLT/LG35GLT
# mast specifications

| Item | LG20GLTIII | | | | | LG25GLTIII | | | | LG30GLTIII | | | | LG35GLTIII | | | | F/R( °) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h1(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | |
| 2 Stage Standard Mast | 2000 | 2000 | 1635 | 110 | 110 | 2500 | 1635 | 110 | 110 | 3000 | 1632 | 125 | 125 | 3500 | 1632 | 125 | 125 | 6/12 |
| | 2500 | 2000 | 1885 | 110 | 110 | 2500 | 1885 | 110 | 110 | 3000 | 1882 | 125 | 125 | 3500 | 1882 | 125 | 125 | 6/12 |
| | 3000 | 2000 | 2135 | 110 | 110 | 2500 | 2135 | 110 | 110 | 3000 | 2132 | 125 | 125 | 3500 | 2132 | 125 | 125 | 6/12 |
| | 3300 | 2000 | 2285 | 110 | 110 | 2500 | 2285 | 110 | 110 | 3000 | 2282 | 125 | 125 | 3500 | 2282 | 125 | 125 | 6/12 |
| | 3500 | 2000 | 2385 | 110 | 110 | 2500 | 2385 | 110 | 110 | 3000 | 2382 | 125 | 125 | 3500 | 2382 | 125 | 125 | 6/12 |
| | 3750 | 2000 | 2510 | 110 | 110 | \ | 2510 | 110 | 110 | 3000 | 2507 | 125 | 125 | 3500 | 2507 | 125 | 125 | 6/6 |
| | 4000 | 2000 | 2685 | 110 | 110 | 2500 | 2685 | 110 | 110 | 3000 | 2682 | 125 | 125 | 3300*3500 | 2682 | 125 | 125 | 6/6 |
| | 4250 | 1900 | 2810 | 110 | 110 | 2300 | 2810 | 110 | 110 | 2850*3000 | 2807 | 125 | 125 | 3200*3500 | 2807 | 125 | 125 | 6/6 |
| | 4500 | 1800 | 2935 | 110 | 110 | 2100 | 2935 | 110 | 110 | 2600*2800 | 2932 | 125 | 125 | 2900*3100 | 2932 | 125 | 125 | 6/6 |
| | 5000 | 1100 | 3185 | 110 | 110 | 1600 | 3185 | 110 | 110 | 2100*2400 | 3182 | 125 | 125 | 2400*2750 | 3182 | 125 | 125 | 6/6 |
| | 5500* | 900 | 3485 | 110 | 110 | 1200 | 3485 | 110 | 110 | 1700*2200 | 3482 | 125 | 125 | 1800*2400 | 3482 | 125 | 125 | 6/6 |
| | 6000* | 700 | 3735 | 110 | 110 | 900 | 3735 | 110 | 110 | 1300*2000 | 3732 | 125 | 125 | 1400*2200 | 3732 | 125 | 125 | 6/6 |
| 2 Stage Free Mast | 2000 | 2000 | 1635 | 950 | 660 | 2500 | 1635 | 950 | 660 | 3000 | 1632 | \ | 350 | 3500 | 1632 | \ | 350 | 6/12 |
| | 2500 | 2000 | 1885 | 1200 | 910 | 2500 | 1885 | 1200 | 910 | 3000 | 1882 | \ | 600 | 3500 | 1882 | \ | 600 | 6/12 |
| | 2750 | 2000 | 2010 | 1325 | 1035 | 2500 | 2010 | 1325 | 1035 | 3000 | 2007 | \ | 725 | 3500 | 2007 | \ | 725 | 6/12 |
| | 3000 | 2000 | 2135 | 1450 | 1160 | 2500 | 2135 | 1450 | 1160 | 3000 | 2132 | \ | 850 | 3500 | 2132 | \ | 850 | 6/12 |
| | 3300 | 2000 | 2285 | 1600 | 1310 | 2500 | 2285 | 1600 | 1310 | 3000 | 2282 | \ | 1000 | 3500 | 2282 | \ | 1000 | 6/12 |
| | 3500 | 2000 | 2385 | 1700 | 1410 | 2500 | 2385 | 1700 | 1410 | 3000 | 2382 | \ | 1100 | 3500 | 2382 | \ | 1100 | 6/12 |
| | 3750 | 1950 | 2510 | 1825 | 1535 | 2300 | 2510 | 1825 | 1535 | 3000 | 2507 | \ | 1225 | 3500 | 2507 | \ | 1225 | 6/6 |
| | 4000 | 1850 | 2685 | 2000 | 1710 | 2000 | 2685 | 2000 | 1710 | 3000 | 2682 | \ | 1400 | 3500 | 2682 | \ | 1400 | 6/6 |
| | 4500 | 1650 | 2935 | 2250 | 1960 | 1750 | 2935 | 2250 | 1960 | 2800 | 2932 | \ | 1650 | 3100 | 2932 | \ | 1650 | 6/6 |
| 3 Stage Free Mast | 4000 | 1900 | 2010 | 1208 | 1008 | 2300 | 2010 | 1208 | 1008 | 2800*2900 | 1952 | 1379 | 715 | 3300*3300 | 1952 | 1379 | 715 | 6/6 |
| | 4350 | 1850 | 2135 | 1335 | 1133 | 2200 | 2135 | 1335 | 1133 | 2700*2900 | 2077 | 1504 | 840 | 3100*3300 | 2077 | 1504 | 840 | 6/6 |
| | 4500 | 1750 | 2198 | 1372 | 1196 | 2000 | 2198 | 1372 | 1196 | 2500*2800 | 2140 | 1567 | 903 | 2800*3000 | 2140 | 1567 | 903 | 6/6 |
| | 4700 | 1720 | 2263 | 1461 | 1261 | 1800 | 2263 | 1461 | 1261 | 2350*2550 | 2205 | 1632 | 968 | 2600*2800 | 2205 | 1632 | 968 | 6/6 |
| | 4800 | 1700 | 2285 | 1484 | 1283 | 1700 | 2285 | 1484 | 1283 | 2250*2450 | 2227 | 1654 | 990 | 2500*2750 | 2227 | 1654 | 990 | 6/6 |
| | 5000 | 1600 | 2385 | 1584 | 1383 | 1500 | 2385 | 1584 | 1383 | 2100*2300 | 2327 | 1754 | 1090 | 2300*2600 | 2327 | 1754 | 1090 | 6/6 |
| | 5400 | 1450 | 2510 | 1708 | 1508 | 1200 | 2510 | 1708 | 1508 | 1650*2100 | 2452 | 1879 | 1215 | 1800*2300 | 2452 | 1879 | 1215 | 6/6 |
| | 5500 | \ | \ | \ | \ | \ | \ | \ | \ | 1500*2000 | 2492 | 1919 | 1255 | 1700*2200 | 2492 | 1919 | 1255 | 3/6 |
| | 6000 | 950 | 2735 | 1934 | 1733 | 800 | 2735 | 1934 | 1733 | 1200*1800 | 2677 | 2104 | 1440 | 1300*2000 | 2677 | 2104 | 1440 | 3/6 |
| | 6500* | 500 | 2950 | 2149 | 1948 | 600 | 2950 | 2149 | 1948 | 900*1500 | 2892 | 2319 | 1655 | 1000*1600 | 2892 | 2319 | 1655 | 3/3 |

h1=Max.Lift Height; c=Load Capacity; h2=Lowered Mast Height; h3=Free Lift Height(without backrest) ; h4=Overhead guard height; h5=Free Lift Height(with backrest); F/R=Tilting Angle F/R;h1* means machine with this kind of mast must choose double front tires; and the digital after * in this table shows the load capacity of machine with double front tires optional.





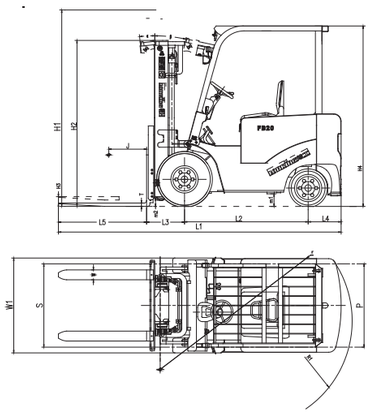

# LG13BE/LG16BE/LG18BE/LG20BE
## overall specifications

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Identification | 1.1 | Manufacturer | | | LONKING | LONKING | LONKING | LONKING |
| | 1.2 | Model | | | LG13BE | LG16BE | LG18BE | LG20BE |
| | 1.4 | Power Type (electric,diesel, petrol LPG) | | | Electric(AC) | Electric(AC) | Electric(AC) | Electric(AC) |
| | 1.5 | Type of operation:hand,pedestrian,standing,seated,order-picker | | | Seated | Seated | Seated | Seated |
| | 1.6 | Load capacity/rated load | | kg | 1300 | 1600 | 1800 | 2000 |
| | 1.7 | Load center distance | J | mm | 500 | 500 | 500 | 500 |
| | 1.8 | Front overhang | L3 | mm | 355 | 355 | 355 | 355 |
| | 1.9 | Rear overhang | L4 | mm | 190 | 190 | 190 | 190 |
| | 2.0 | Wheelbase | L2 | mm | 1250 | 1360 | 1360 | 1466 |
| Weights | 2.1 | Dead weight | | kg | 2920 | 3100 | 3216 | 3390 |
| | 2.2 | Axle loading,loaded front/rear | | kg | 3666/554 | 4200/500 | 4487/529 | 4810/580 |
| | 2.3 | Axle loading,unloaded front/rear | | kg | 1396/1524 | 1480/1620 | 1479/1737 | 1573/1817 |
| Wheels,Chassis | 3.1 | Tires:pneumatic,solid rubber | | | solid rubber | solid rubber | solid rubber | solid rubber |
| | 3.2 | Tires size,front | | | 18×7-8 PR | 18×7-8 PR | 18×7-8 PR | 200×50-10 PR |
| | 3.3 | Tires size,rear | | | 15×4.5-8 PR | 15×4.5-8 PR | 15×4.5-8 PR | 15×4.5-8 PR |
| | 3.4 | Wheels,number front / rear(X=driven wheels) | | | X=2/1 | X=2/1 | X=2/1 | X=2/1 |
| | 3.5 | Track width,front | S | mm | 902 | 902 | 902 | 924 |
| | 3.6 | Track width,rear | P | mm | 175 | 175 | 175 | 175 |
| Basic Dimensions | 4.11 | Mast/fork carriage tilt forward backward | α/β | degrees | 6.5/6.5 | 6.5/6.5 | 6.5/6.5 | 6.5/6.5 |
| | 4.12 | Lowered mast height | h2 | mm | 1995 | 1995 | 1995 | 1995 |
| | 4.13 | Free lift height | h3 | mm | 145 | 145 | 145 | 145 |
| | 4.14 | STD Max lift height | h1 | mm | 3000 | 3000 | 3000 | 3000 |
| | 4.15 | Overhead guard height | h4 | mm | 1965 | 1965 | 1965 | 1965 |
| | 4.16 | Distance from seat to overhead guard | SIP | mm | \ | \ | \ | \ |
| | 4.17 | Overall length | L1 | mm | 2715 | 2825 | 2825 | 2931 |
| | 4.18 | Length to face of forks | L6 | mm | 1795 | 1905 | 1905 | 1861 |
| | 4.19 | Overall width | W1 | mm | 1060 | 1060 | 1060 | 1120 |
| | 4.2 | Fork dimensions(hook type) | L5×W×T | mm | 920×100×35 | 920×100×35 | 920×100×35 | 1070×120×40 |
| | 4.21 | Fork carriage ISO 2328, class / type A,B | | | 2/A | 2/A | 2/A | 2/A |
| | 4.22 | Fork-carriage width | | mm | 1050 | 1050 | 1050 | 1050 |
| | 4.23 | Ground clearance, under mast | m2 | mm | 95 | 95 | 95 | 95 |
| | 4.24 | Ground clearance,centre of wheelbase | m1 | mm | 100 | 100 | 100 | 100 |
| | 4.25 | Aisle width for pallets 1,000x1,200 crossways (LxW) | AST | mm | 2995 | 3105 | 3105 | 3213 |
| | 4.26 | Aisle width for pallets 800x1,200 lengthways (WxL) | AST | mm | 3195 | 3305 | 3305 | 3413 |
| | 4.27 | Turning radius | R1 | mm | 1440 | 1550 | 1550 | 1658 |
| Performance Data | 5.1 | Max.traveling speed, unloaded | | km/h | 14 | 13.5 | 13.5 | 15 |
| | 5.2 | Max.lifting speed, loaded/ unloaded | | km/h | 300/450 | 280/440 | 270/430 | 250/440 |
| | 5.3 | Lowering speed, loaded/unloaded | | km/h | ＜600/＜300 | ＜600/＜300 | ＜600/＜300 | ＜600 |
| | 5.7 | Max.gradient(Loaded/Unloaded) | | | 16/20 | 15/15 | 15/15 | 15/15 |
| | 5.9 | Service brake | | | Foot | Foot | Foot | Foot |
| | 5.10 | Parking brake | | | Hand | Hand | Hand | Hand |
| Electric | 6.1 | Controller | | | ZAPI | ZAPI | ZAPI | ZAPI |
| | 6.2 | Lift motor(AC) | | kW | 10 | 10 | 10 | 11 |
| | 6.3 | Travel motor(AC) | | kW | 4.5X2 | 4.5X2 | 4.5X2 | 4.5X2 |
| Other Details | 7.1 | Operating pressure | | Mpa | 14.5 | 14.5 | 14.5 | 17.5 |
| | 7.2 | Battery | | V/Ah | 48/400 | 48/500 | 48/500 | 48/600 |
| | 7.3 | Drive type | | | Front dual drive | | | |


# LG13BE/LG16BE/LG18BE/LG20BE
## overall specifications


| Item | LG13BE | | | | | LG16BE | | | | LG18BE | | | | LG20BE | | | | F/R( ° ) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h1(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | |
| 2 Stage Standard Mast | 2500 | 1300 | 1745 | 145 | 145 | 1600 | 1745 | 145 | 145 | 1800 | 1745 | 145 | 145 | 2000 | 1745 | 145 | 145 | 6.5/6.5 |
| | 3000 | 1300 | 1995 | 145 | 145 | 1600 | 1995 | 145 | 145 | 1800 | 1995 | 145 | 145 | 2000 | 1995 | 145 | 145 | 6.5/6.5 |
| | 3300 | 1300 | 2145 | 145 | 145 | 1600 | 2145 | 145 | 145 | 1800 | 2145 | 145 | 145 | 2000 | 2145 | 145 | 145 | 6.5/6.5 |
| | 3500 | 1300 | 2245 | 145 | 145 | 1600 | 2245 | 145 | 145 | 1800 | 2245 | 145 | 145 | 2000 | 2245 | 145 | 145 | 6.5/6.5 |
| | 3600 | 1300 | 2295 | 145 | 145 | 1600 | 2295 | 145 | 145 | 1800 | 2295 | 145 | 145 | 2000 | 2295 | 145 | 145 | 6.5/6.5 |
| | 4000 | 1300 | 2495 | 145 | 145 | 1600 | 2495 | 145 | 145 | 1800 | 2495 | 145 | 145 | 2000 | 2495 | 145 | 145 | 3.5/5 |
| | 4300 | 1200 | 2645 | 145 | 145 | 1500 | 2645 | 145 | 145 | 1700 | 2645 | 145 | 145 | 1900 | 2645 | 145 | 145 | 3.5/5 |
| | 4500 | 800 | 2795 | 145 | 145 | 1200 | 2795 | 145 | 145 | 1400 | 2795 | 145 | 145 | 1600 | 2795 | 145 | 145 | 3.5/5 |
| | 4800 | 650 | 2945 | 145 | 145 | 1100 | 2945 | 145 | 145 | 1300 | 2945 | 145 | 145 | 1500 | 2945 | 145 | 145 | 3.5/5 |
| | 5000 | 600 | 3095 | 145 | 145 | 900 | 3095 | 145 | 145 | 1100 | 3095 | 145 | 145 | 1300 | 3095 | 145 | 145 | 3.5/5 |
| 2 Stage Free Mast | 2500 | 1300 | 1745 | 1200 | 810 | 1600 | 1745 | 1200 | 810 | 1800 | 1745 | 1200 | 810 | 2000 | 1745 | 1200 | 810 | 6.5/6.5 |
| | 3000 | 1300 | 1995 | 1450 | 1060 | 1600 | 1995 | 1450 | 1060 | 1800 | 1995 | 1450 | 1060 | 2000 | 1995 | 1450 | 1060 | 6.5/6.5 |
| | 3300 | 1300 | 2145 | 1600 | 1210 | 1600 | 2145 | 1600 | 1210 | 1800 | 2145 | 1600 | 1210 | 2000 | 2145 | 1600 | 1210 | 6.5/6.5 |
| | 3500 | 1300 | 2245 | 1700 | 1310 | 1600 | 2245 | 1700 | 1310 | 1800 | 2245 | 1700 | 1310 | 2000 | 2245 | 1700 | 1310 | 6.5/6.5 |
| | 3600 | 1300 | 2295 | 1825 | 1360 | 1600 | 2295 | 1825 | 1360 | 1800 | 2295 | 1825 | 1360 | 2000 | 2295 | 1825 | 1360 | 6.5/6.5 |
| | 4000 | 1300 | 2545 | 2000 | 1560 | 1600 | 2545 | 2000 | 1560 | 1800 | 2545 | 2000 | 1560 | 2000 | 2545 | 2000 | 1560 | 3.5/5 |
| 3 Stage Free Mast | 4000 | 1000 | 1928 | 919 | \ | 1400 | 1928 | 919 | \ | 1600 | 1928 | 919 | \ | 1800 | 1928 | 919 | \ | 3.5/5 |
| | 4500 | 800 | 2095 | 1086 | \ | 1500 | 2095 | 1086 | \ | 1400 | 2095 | 1086 | \ | 1600 | 2095 | 1086 | \ | 3.5/5 |
| | 4800 | 650 | 2195 | 1186 | \ | 1100 | 2195 | 1186 | \ | 1300 | 2195 | 1186 | \ | 1500 | 2195 | 1186 | \ | 3.5/5 |
| | 5000 | 600 | 2265 | 1256 | \ | 900 | 2265 | 1256 | \ | 1100 | 2265 | 1256 | \ | 1300 | 2265 | 1256 | \ | 3.5/5 |
| | 5400 | 550 | 2395 | 1386 | \ | 800 | 2395 | 1386 | \ | 900 | 2395 | 1386 | \ | 1100 | 2395 | 1386 | \ | 3.5/5 |
| | 5500 | 500 | 2440 | 1431 | \ | 750 | 2440 | 1431 | \ | 850 | 2440 | 1431 | \ | 1050 | 2440 | 1431 | \ | 3.5/5 |
| | 6000 | 300 | 2595 | 1586 | \ | 500 | 2595 | 1586 | \ | 600 | 2595 | 1586 | \ | 850 | 2595 | 1586 | \ | 3.5/5 |

h1=Max.Lift Height; c=Load Capacity; h2=Lowered Mast Height; h3=Free Lift Height(without backrest) ; h4=Overhead guard height; h5=Free Lift Height(with backrest); F/R=Tilting Angle F/R.





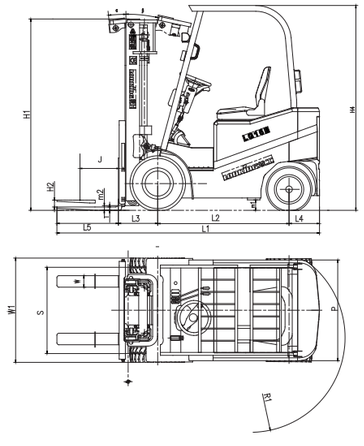

# LG16B/LG20B/LG25B
# overall specifications

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Identification | 1.1 | Manufacturer | | | LONKING | LONKING | LONKING |
| | 1.2 | Model | | | LG16B | LG20B(Q) | LG25B(Q) |
| | 1.4 | Power Type (electric,diesel, petrol LPG) | | | Electric(AC) | Electric(AC) | Electric(AC) |
| | 1.5 | Type of operation:hand,pedestrian,standing,seated,order-picker | | | Seated | Seated | Seated |
| | 1.6 | Load capacity/rated load | | kg | 1600 | 2000 | 2500 |
| | 1.7 | Load center distance | J | mm | 500 | 500 | 500 |
| | 1.8 | Front overhang | L3 | mm | 410 | 460 | 460 |
| | 1.9 | Rear overhang | L4 | mm | 318 | 400 | 400 |
| | 2.0 | Wheelbase | L2 | mm | 1370 | 1500 | 1500 |
| Weights | 2.1 | Dead weight | | kg | 3120 | 3900 | 4150 |
| | 2.2 | Axle loading,loaded front/rear | | kg | 4010/710 | 4900/1000 | 5790/760 |
| | 2.3 | Axle loading,unloaded front/rear | | kg | 1330/1790 | 1620/2280 | 1660/2390 |
| Wheels,Chassis | 3.1 | Tires:pneumatic,solid rubber | | | pneumatic | pneumatic | pneumatic |
| | 3.2 | Tires size,front | | | 6.5-10-10PR | 7.0-12-12PR | 7.00-12-12PR |
| | 3.3 | Tires size,rear | | | 5.00-8-10PR | 18×7-8-14PR | 18×7-8-14PR |
| | 3.4 | Wheels,number front / rear(X=driven wheels) | | | X=2/2 | X=2/2 | X=2/2 |
| | 3.5 | Track width,front | S | mm | 890 | 950 | 950 |
| | 3.6 | Track width,rear | P | mm | 920 | 930 | 930 |
| Basic Dimensions | 4.11 | Mast/fork carriage tilt forward backward | α/β | degrees | 6/12 | 6/12 | 6/12 |
| | 4.12 | Lowered mast height | h2 | mm | 1987 | 2012 | 2012 |
| | 4.13 | Free lift height | h3 | mm | 105 | 160 | 160 |
| | 4.14 | STD Max lift height | h1 | mm | 3000 | 3000 | 3000 |
| | 4.15 | Overhead guard height | h4 | mm | 2135 | 2210 | 2210 |
| | 4.16 | Distance from seat to overhead guard | SIP | mm | 1045 | 1010 | 1010 |
| | 4.17 | Overall length | L1 | mm | 3018 | 3430 | 3430 |
| | 4.18 | Length to face of forks | L6 | mm | 2098 | 2360 | 2360 |
| | 4.19 | Overall width | W1 | mm | 1080 | 1150 | 1150 |
| | 4.2 | Fork dimensions(hook type) | L5×W×T | mm | 920×100×35 | 1070×120×40 | 1070×120×40 |
| | 4.21 | Fork carriage ISO 2328, class / type A,B | | | 2/A | 2/A | 2/A |
| | 4.22 | Fork-carriage width | | mm | 1000 | 1040 | 1056 |
| | 4.23 | Ground clearance, under mast | m2 | mm | \ | \ | \ |
| | 4.24 | Ground clearance,centre of wheelbase | m1 | mm | 130 | 173 | 173 |
| | 4.25 | Aisle width for pallets 1,000x1,200 crossways (LxW) | AST | mm | 3510 | 3810 | 3810 |
| | 4.26 | Aisle width for pallets 800x1,200 lengthways (WxL) | AST | mm | 3710 | 4010 | 4010 |
| | 4.27 | Turning radius | R1 | mm | 1900 | 2150 | 2150 |
| Performance Data | 5.1 | Max.traveling speed, unloaded | | km/h | 14 | 14 | 12 |
| | 5.2 | Max.lifting speed, loaded/ unloaded | | mm/s | 260/420 | 280/440 | 260/420 |
| | 5.3 | Lowering speed, loaded/unloaded | | mm/s | ＜600 | ＜600 | ＜600 |
| | 5.7 | Max.gradient(Loaded/Unloaded) | | % | 12/15 | 12/15 | 12/15 |
| | 5.9 | Service brake | | | Foot | Foot | Foot |
| | 5.10 | Parking brake | | | Hand | Hand | Hand |
| Electric | 6.1 | Controller | | | ZAPI | ZAPI | ZAPI |
| | 6.2 | Lift motor(AC) | | kW | 10 | 12 | 12 |
| | 6.3 | Travel motor(AC) | | kW | 7.5 | 11 | 11 |
| Other Details | 7.1 | Operating pressure | | Mpa | 14.5 | 17.5 | 17.5 |
| | 7.2 | Battery | | V/Ah | 48/450 | 48/600 | 48/600 |

# LG16B/LG20B/LG25B
# overall specifications

| Item | LG16B | | | | | LG20B(Q) | | | | LG25B(Q) | | | | F/R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h1(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | ( °) |
| 2 Stage Standard Mast | 2000 | 1600 | 1487 | 105 | 105 | 2000 | 1530 | 140 | 140 | 2500 | 1530 | 140 | 140 | 6/6 |
| | 2500 | 1600 | 1737 | 105 | 105 | 2000 | 1780 | 140 | 140 | 2500 | 1780 | 140 | 140 | 6/12 |
| | 3000 | 1600 | 1987 | 105 | 105 | 2000 | 2030 | 140 | 140 | 2500 | 2030 | 140 | 140 | 6/12 |
| | 3300 | 1600 | 2137 | 105 | 105 | 2000 | 2180 | 140 | 140 | 2500 | 2180 | 140 | 140 | 6/12 |
| | 3500 | 1600 | 2237 | 105 | 105 | 2000 | 2280 | 140 | 140 | 2500 | 2280 | 140 | 140 | 6/12 |
| | 3700 | \ | \ | \ | \ | 2000 | 2380 | 140 | 140 | 2500 | 2380 | 140 | 140 | 6/6 |
| | 3750 | 1600 | 2362 | 105 | 105 | \ | \ | \ | \ | \ | \ | \ | \ | 6/6 |
| | 4000 | 1500 | 2537 | 105 | 105 | 1950 | 2580 | 140 | 140 | 2400*2500 | 2580 | 140 | 140 | 6/6 |
| | 4250 | 1400 | 2662 | 105 | 105 | 1900 | 2705 | 140 | 140 | 2200*2475 | 2705 | 140 | 140 | 6/6 |
| | 4500 | 1300 | 2787 | 105 | 105 | 1800 | 2830 | 140 | 140 | 1900*2450 | 2830 | 140 | 140 | 6/6 |
| | 5000 | 1000 | 3037 | 105 | 105 | 1400 | 3080 | 140 | 140 | 1500*2250 | 3080 | 140 | 140 | 6/6 |
| | 5500 | 800 | 3337 | 105 | 105 | 1200 | 3380 | 140 | 140 | 1300*1700 | 3380 | 140 | 140 | 3/6 |
| | 6000 | 500 | 3587 | 105 | 105 | 1000 | 3630 | 140 | 140 | 1000*1300 | 3630 | 140 | 140 | 3/6 |
| 2 Stage Free Mast | 2000 | 1600 | 1595 | 1040 | 690 | 2000 | 1562 | 1052 | 627 | 2500 | 1562 | 1052 | 627 | 6/6 |
| | 2500 | 1600 | 1845 | 1290 | 940 | 2000 | 1815 | 1302 | 877 | 2500 | 1815 | 1302 | 877 | 6/12 |
| | 3000 | 1600 | 2095 | 1540 | 1190 | 2000 | 2062 | 1522 | 1127 | 2500 | 2062 | 1522 | 1127 | 6/12 |
| | 3300 | 1600 | 2245 | 1690 | 1340 | 2000 | 2215 | 1702 | 1277 | 2500 | 2215 | 1702 | 1277 | 6/12 |
| | 3500 | 1600 | 2345 | 1790 | 1440 | 2000 | 2312 | 1802 | 1377 | 2500 | 2312 | 1802 | 1377 | 6/12 |
| | 3750 | 1600 | 2470 | 1915 | 1565 | 2000 | 2437 | 1927 | 1502 | 2500 | 2437 | 1927 | 1502 | 6/6(12) |
| | 4000 | 1500 | 2645 | 2090 | 1740 | 2000 | 2612 | 2102 | 1677 | 2500 | 2612 | 2102 | 1677 | 6/6 |
| | 4500 | 1250 | 2895 | 2340 | 1990 | 1600 | 2862 | 2352 | 1927 | 2100 | 2862 | 2352 | 1927 | 6/6 |
| 3 Stage Free Mast | 4000 | 1400 | 1920 | 1365 | 1015 | 1900 | 1940 | 1375 | 1005 | 2300 | 1940 | 1375 | 1005 | 6/6 |
| | 4350 | 1300 | 2055 | 1500 | 1150 | 1700 | 2065 | 1500 | 1130 | 2200 | 2065 | 1500 | 1130 | 6/6 |
| | 4500 | 1200 | 2095 | 1540 | 1190 | 1600 | 2128 | 1563 | 1193 | 2000 | 2128 | 1563 | 1193 | 6/6 |
| | 4700 | \ | \ | \ | \ | 1300 | 2193 | 1628 | 1258 | 1800 | 2193 | 1628 | 1258 | 6/6 |
| | 4800 | 1100 | 2195 | 1640 | 1290 | 1250 | 2215 | 1650 | 1280 | 1700 | 2215 | 1650 | 1280 | 6/6 |
| | 5000 | 950 | 2295 | 1740 | 1390 | 1100 | 2315 | 1750 | 1380 | 1500 | 2315 | 1750 | 1380 | 6/6 |
| | 5400 | 850 | 2420 | 1865 | 1515 | 900 | 2440 | 1875 | 1505 | 1200 | 2440 | 1875 | 1505 | 6(3)/6 |
| | 5500 | \ | \ | \ | \ | 800 | 2480 | 1915 | 1545 | 1100 | 2480 | 1915 | 1545 | 3/6 |
| | 6000 | 450 | 2645 | 2090 | 1740 | 600 | 2665 | 2100 | 1730 | 800 | 2665 | 2100 | 1730 | 3/6 |
| | 6500 | 150 | 2835 | 2280 | 1930 | 400 | 2880 | 2315 | 1945 | 600 | 2880 | 2315 | 1945 | 3/3 |

h1=Max.Lift Height; c=Load Capacity; h2=Lowered Mast Height; h3=Free Lift Height(without backrest) ; h4=Overhead guard height; h5=Free Lift Height(with backrest); F/R=Tilting Angle F/R; and the digital after * in this table shows the load capacity of machine with double front tires optional.





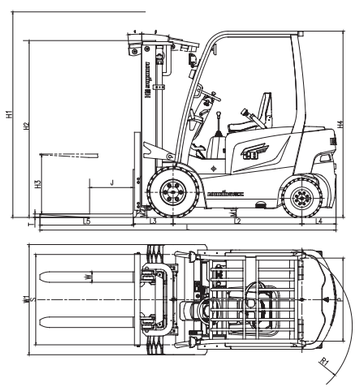

# LG20B/LG25B
# overall specifications

| | | | | | | |
|---|---|---|---|---|---|---|
| Identification | 1.1 | Manufacturer | | | LONKING | LONKING |
| | 1.2 | Model | | | LG20B(III) | LG25B(III) |
| | 1.4 | Power Type (electric,diesel, petrol LPG) | | | Electric(AC) | Electric(AC) |
| | 1.5 | Type of operation:hand,pedestrian,standing,seated,order-picker | | | Seated | Seated |
| | 1.6 | Load capacity/rated load | | kg | 2000 | 2500 |
| | 1.7 | Load center distance | J | mm | 500 | 500 |
| | 1.8 | Front overhang | L3 | mm | 448 | 448 |
| | 1.9 | Rear overhang | L4 | mm | 392 | 392 |
| | 2.0 | Wheelbase | L2 | mm | 1480 | 1480 |
| Weights | 2.1 | Dead weight | | kg | 3880 | 4180 |
| | 2.2 | Axle loading,loaded front/rear | | kg | 5197/722 | 5990/690 |
| | 2.3 | Axle loading,unloaded front/rear | | kg | 1830/2010 | 1890/2290 |
| Wheels,Chassis | 3.1 | Tires:pneumatic,solid rubber | | | pneumatic | pneumatic |
| | 3.2 | Tires size,front | | | 23×9-10-16PR | 23×9-10-16PR |
| | 3.3 | Tires size,rear | | | 18×7-8-14PR | 18×7-8-14PR |
| | 3.4 | Wheels,number front / rear(X=driven wheels) | | | X=2/2 | X=2/2 |
| | 3.5 | Track width,front | S | mm | 1037 | 1037 |
| | 3.6 | Track width,rear | P | mm | 954 | 954 |
| Basic Dimensions | 4.11 | Mast/fork carriage tilt forward backward | α/β | degrees | 5/10 | 5/10 |
| | 4.12 | Lowered mast height | h2 | mm | 2108 | 2108 |
| | 4.13 | Free lift height | h3 | mm | 110 | 110 |
| | 4.14 | STD Max lift height | h1 | mm | 3000 | 3000 |
| | 4.15 | Overhead guard height | h4 | mm | 2140 | 2140 |
| | 4.16 | Distance from seat to overhead guard | SIP | mm | 1010 | 1010 |
| | 4.17 | Overall length | L1 | mm | 3390 | 3390 |
| | 4.18 | Length to face of forks | L6 | mm | 2320 | 2320 |
| | 4.19 | Overall width | W1 | mm | 1265 | 1265 |
| | 4.2 | Fork dimensions(hook type) | L5×W×T | mm | 1070×120×40 | 1070×120×40 |
| | 4.21 | Fork carriage ISO 2328, class / type A,B | | | 2/A | 2/A |
| | 4.22 | Fork-carriage width | | mm | 1040 | 1040 |
| | 4.23 | Ground clearance, under mast | m2 | mm | 110 | 110 |
| | 4.24 | Ground clearance,centre of wheelbase | m1 | mm | 100 | 100 |
| | 4.25 | Aisle width for pallets 1,000x1,200 crossways (LxW) | AST | mm | 3738 | 3738 |
| | 4.26 | Aisle width for pallets 800x1,200 lengthways (WxL) | AST | mm | 3938 | 3938 |
| | 4.27 | Turning radius | R1 | mm | 2090 | 2090 |
| Performance Data | 5.1 | Max.traveling speed, unloaded | | km/h | 14 | 14 |
| | 5.2 | Max.lifting speed, loaded/ unloaded | | mm/s | 280/440 | 280/440 |
| | 5.3 | Lowering speed, loaded/unloaded | | mm/s | ＜600/＜300 | ＜600/＜300 |
| | 5.7 | Max.gradient(Loaded/Unloaded) | | | 13/14 | 13/14 |
| | 5.9 | Service brake | | | Foot | Foot |
| | 5.10 | Parking brake | | | Hand | Hand |
| Electric | 6.1 | Controller | | | ZAPI | ZAPI |
| | 6.2 | Lift motor(AC) | | kW | 12 | 12 |
| | 6.3 | Travel motor(AC) | | kW | 11 | 11 |
| Other Details | 7.1 | Operating pressure | | Mpa | 17.5 | 17.5 |
| | 7.2 | Battery | | V/Ah | 48/600 | 48/600 |

# LG20B/LG25B
# mast specifications

| Item | lift height | LG20B(Ш) | | | | LG25B(Ш) | | | | F/R |
|---|---|---|---|---|---|---|---|---|---|---|
| | h1(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | ( ° ) |
| 2 Stage Standard Mast | 2000 | 2000 | 1608 | 110 | 110 | 2500 | 1608 | 110 | 110 | 5/10 |
| | 2500 | 2000 | 1858 | 110 | 110 | 2500 | 1858 | 110 | 110 | 5/10 |
| | 3000 | 2000 | 2108 | 110 | 110 | 2500 | 2108 | 110 | 110 | 5/10 |
| | 3300 | 2000 | 2258 | 110 | 110 | 2500 | 2258 | 110 | 110 | 5/10 |
| | 3500 | 2000 | 2358 | 110 | 110 | 2500 | 2358 | 110 | 110 | 5/10 |
| | 3700 | \ | \ | \ | \ | \ | \ | \ | \ | \ |
| | 3750 | 2000 | 2483 | 110 | 110 | 2500 | 2483 | 110 | 110 | 5/10 |
| | 4000 | 2000 | 2658 | 110 | 110 | 2500 | 2658 | 110 | 110 | 5/6 |
| | 4250 | 1850 | 2783 | 110 | 110 | 2350 | 2783 | 110 | 110 | 5/6 |
| | 4500 | 1600 | 2908 | 110 | 110 | 2300 | 2908 | 110 | 110 | 5/6 |
| | 5000 | 1200 | 3158 | 110 | 110 | 1800 | 3158 | 110 | 110 | 5/6 |
| | 5500 | 1000 | 3458 | 110 | 110 | 1300 | 3458 | 110 | 110 | 3/6 |
| | 6000 | 800 | 3708 | 110 | 110 | 1100 | 3708 | 110 | 110 | 3/6 |
| 2 Stage Free Mast | 2000 | 2000 | 1608 | 840 | 525 | 2500 | 1608 | 840 | 525 | 5/10 |
| | 2500 | 2000 | 2858 | 1090 | 775 | 2500 | 2858 | 1090 | 775 | 5/10 |
| | 3000 | 2000 | 1983 | 1215 | 900 | 2500 | 1983 | 1215 | 900 | 5/10 |
| | 3300 | 2000 | 2108 | 1340 | 1025 | 2500 | 2108 | 1340 | 1025 | 5/10 |
| | 3500 | 2000 | 2258 | 1490 | 1175 | 2500 | 2258 | 1490 | 1175 | 5/10 |
| | 3750 | 2000 | 2483 | 1715 | 1400 | 2500 | 2483 | 1715 | 1400 | 5/10 |
| | 4000 | 2000 | 2658 | 1890 | 1575 | 2500 | 2658 | 1890 | 1575 | 5/6 |
| | 4500 | 1600 | 2908 | 2140 | 1825 | 2300 | 2908 | 2140 | 1825 | 5/6 |
| 3 Stage Free Mast | 4000 | 1900 | 1983 | 1208 | 1008 | 2400 | 1983 | 1208 | 1008 | 6/6 |
| | 4350 | 1750 | 2108 | 1334 | 1133 | 2200 | 2108 | 1334 | 1133 | 6/6 |
| | 4500 | 1600 | 2171 | 1372 | 1196 | 2150 | 2171 | 1372 | 1196 | 6/6 |
| | 4700 | 1350 | 2236 | 1461 | 1261 | 2000 | 2236 | 1461 | 1261 | 6/6 |
| | 4800 | 1250 | 2258 | 1484 | 1283 | 1950 | 2258 | 1484 | 1283 | 6/6 |
| | 5000 | 1100 | 2358 | 1584 | 1383 | 1650 | 2358 | 1584 | 1383 | 3/6 |
| | 5400 | 900 | 2483 | 1708 | 1508 | 1500 | 2483 | 1708 | 1508 | 3/6 |
| | 5500 | \ | \ | \ | \ | \ | \ | \ | \ | \ |
| | 6000 | 600 | 2708 | 1934 | 1733 | 1000 | 2708 | 1934 | 1733 | 3/6 |
| | 6500 | 400 | 2923 | 2149 | 1948 | 600 | 2923 | 2149 | 1948 | 3/3 |

h1=Max.Lift Height; c=Load Capacity; h2=Lowered Mast Height; h3=Free Lift Height(without backrest) ; h4=Overhead guard height; h5=Free Lift Height(with backrest); F/R=Tilting Angle F/R





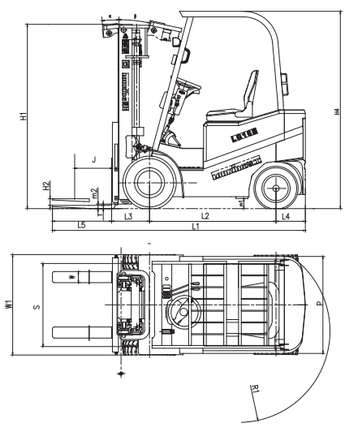

# LG30B/LG35B
# overall specifications

| | | | | | | |
|---|---|---|---|---|---|---|
| Identification | 1.1 | Manufacturer | | | LONKING | LONKING |
| | 1.2 | Model | | | LG30B | LG35B |
| | 1.4 | Power Type (electric,diesel, petrol LPG) | | | Electric(AC) | Electric(AC) |
| | 1.5 | Type of operation:hand,pedestrian,standing,seated,order-picker | | | Seated | Seated |
| | 1.6 | Load capacity/rated load | | kg | 3000 | 3500 |
| | 1.7 | Load center distance | J | mm | 500 | 500 |
| | 1.8 | Front overhang | L3 | mm | 478 | 478 |
| | 1.9 | Rear overhang | L4 | mm | 360 | 400 |
| | 2.0 | Wheelbase | L2 | mm | 1700 | 1700 |
| Weights | 2.1 | Dead weight | | kg | 4920 | 5440 |
| | 2.2 | Axle loading,loaded front/rear | | kg | 7132/827 | 8100/840 |
| | 2.3 | Axle loading,unloaded front/rear | | kg | 2292/2628 | 2360/3080 |
| Wheels,Chassis | 3.1 | Tires:pneumatic,solid rubber | | | pneumatic | pneumatic |
| | 3.2 | Tires size,front | | | 28×9-15-14PR | 28×9-15-14PR |
| | 3.3 | Tires size,rear | | | 18×7-8-14PR | 18×7-8-14PR |
| | 3.4 | Wheels,number front / rear(X=driven wheels) | | | X=2/2 | X=2/2 |
| | 3.5 | Track width,front | S | mm | 1000 | 1000 |
| | 3.6 | Track width,rear | P | mm | 980 | 980 |
| Basic Dimensions | 4.11 | Mast/fork carriage tilt forward backward | α/β | degrees | 6/12 | 6/12 |
| | 4.12 | Lowered mast height | h2 | mm | 2077 | 2077 |
| | 4.13 | Free lift height | h3 | mm | 165 | 165 |
| | 4.14 | STD Max lift height | h1 | mm | 3000 | 3000 |
| | 4.15 | Overhead guard height | h4 | mm | 2175 | 2175 |
| | 4.16 | Distance from seat to overhead guard | SIP | mm | 1028 | 1028 |
| | 4.17 | Overall length | L1 | mm | 3608 | 3648 |
| | 4.18 | Length to face of forks | L6 | mm | 2538 | 2578 |
| | 4.19 | Overall width | W1 | mm | 1225 | 1225 |
| | 4.2 | Fork dimensions(hook type) | L5×W×T | mm | 1070×125×45 | 1070×125×45 |
| | 4.21 | Fork carriage ISO 2328, class / type A,B | | | 2/A | 2/A |
| | 4.22 | Fork-carriage width | | mm | 1100 | 1100 |
| | 4.23 | Ground clearance, under mast | m2 | mm | 132 | 132 |
| | 4.24 | Ground clearance,centre of wheelbase | m1 | mm | 130 | 130 |
| | 4.25 | Aisle width for pallets 1,000x1,200 crossways (LxW) | AST | mm | 4048 | 4105 |
| | 4.26 | Aisle width for pallets 800x1,200 lengthways (WxL) | AST | mm | 4248 | 4305 |
| | 4.27 | Turning radius | R1 | mm | 2370 | 2410 |
| Performance Data | 5.1 | Max.traveling speed, unloaded | | km/h | 15 | 15 |
| | 5.2 | Max.lifting speed, loaded/ unloaded | | mm/s | 240/350 | 220/300 |
| | 5.3 | Lowering speed, loaded/unloaded | | mm/s | ＜600 | ＜600 |
| | 5.7 | Max.gradient(Loaded/Unloaded) | | | 15/15 | 12/15 |
| | 5.9 | Service brake | | | Foot | Foot |
| | 5.10 | Parking brake | | | Hand | Hand |
| Electric | 6.1 | Controller | | | ZAPI/CURTIS | ZAPI//CURTIS |
| | 6.2 | Lift motor(AC) | | kW | 12 | 12 |
| | 6.3 | Travel motor(AC) | | kW | 12 | 12 |
| Other Details | 7.1 | Operating pressure | | Mpa | 17.5 | 17.5 |
| | 7.2 | Battery | | V/Ah | 80/500 | 80/500 |

# LG30B/LG35B
# mast specifications

| Item | lift height | LG30B | | | | LG35B | | | | F/R |
|---|---|---|---|---|---|---|---|---|---|---|
| | h1(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | c(kg) | h2(mm) | h3(mm) | h5(mm) | ( ° ) |
| 2 Stage Standard Mast | 2000 | 3000 | 1575 | 165 | 165 | 3500 | 1530 | 165 | 165 | 6/12 |
| | 2500 | 3000 | 1825 | 165 | 165 | 3500 | 1780 | 165 | 165 | 6/12 |
| | 3000 | 3000 | 2075 | 165 | 165 | 3500 | 2030 | 165 | 165 | 6/12 |
| | 3300 | 3000 | 2225 | 165 | 165 | 3500 | 2180 | 165 | 165 | 6/12 |
| | 3500 | 3000 | 2325 | 165 | 165 | 3500 | 2280 | 165 | 165 | 6/12 |
| | 3700 | 3000 | 2425 | 165 | 165 | 3500 | 2380 | 165 | 165 | 6/12 |
| | 3750 | 3000 | 2450 | 165 | 165 | 3500 | 2450 | 165 | 165 | 6/12 |
| | 4000 | 3000 | 2625 | 165 | 165 | 3500 | 2625 | 165 | 165 | 6/6 |
| | 4250 | 2850*3000 | 2750 | 165 | 165 | 3200*3500 | 2750 | 165 | 165 | 6/6 |
| | 4500 | 2600*2800 | 2875 | 165 | 165 | 2900*3100 | 2875 | 165 | 165 | 6/6 |
| | 5000 | 2100*2400 | 3125 | 165 | 165 | 2400*2750 | 3125 | 165 | 165 | 6/6 |
| | 5500 | 1700*2200 | 3425 | 165 | 165 | 1800*2400 | 3425 | 165 | 165 | 3/6 |
| | 6000 | 1300*2000 | 3675 | 165 | 165 | 1400*2200 | 3675 | 165 | 165 | 3/6 |
| 2 Stage Free Mast | 2000 | 3000 | 1575 | 920 | 340 | 3500 | 1575 | 920 | 340 | 6/12 |
| | 2500 | 3000 | 1825 | 1170 | 590 | 3500 | 1825 | 1170 | 590 | 6/12 |
| | 3000 | 3000 | 2075 | 1420 | 840 | 3500 | 2075 | 1420 | 840 | 6/12 |
| | 3300 | 3000 | 2225 | 1570 | 990 | 3500 | 2225 | 1570 | 990 | 6/12 |
| | 3500 | 3000 | 2325 | 1670 | 1090 | 3500 | 2325 | 1670 | 1090 | 6/12 |
| | 3750 | 3000 | 2450 | 1795 | 1215 | 3500 | 2450 | 1795 | 1215 | 6/12 |
| | 4000 | 3000 | 2625 | 1970 | 1390 | 3300 | 2625 | 1970 | 1390 | 6/6 |
| | 4500 | 2600*2800 | 2875 | 2220 | 1640 | 2900*3100 | 2875 | 2220 | 1640 | 6/6 |
| 3 Stage Free Mast | 4000 | 2900*2900 | 1987 | 1275 | 750 | 3300*3300 | 1987 | 1275 | 750 | 6/6 |
| | 4350 | 2800*2900 | 2112 | 1400 | 875 | 3100*3300 | 2112 | 1400 | 875 | 6/6 |
| | 4500 | 2500*2800 | 2175 | 1465 | 940 | 2800*3000 | 2175 | 1465 | 940 | 6/6 |
| | 4700 | 2350*2550 | 2240 | 1530 | 1005 | 2600*2800 | 2240 | 1530 | 1005 | 6/6 |
| | 4800 | 2250*2450 | 2262 | 1550 | 1025 | 2500*2750 | 2262 | 1550 | 1025 | 6/6 |
| | 5000 | 2100*2300 | 2362 | 1650 | 1125 | 2300*2600 | 2362 | 1650 | 1125 | 6/6 |
| | 5400 | 1650*2100 | 2487 | 1775 | 1250 | 1800*2300 | 2487 | 1775 | 1250 | 3/6 |
| | 5500 | 1500*2000 | 2527 | 1815 | 1290 | 1700*2200 | 2527 | 1815 | 1290 | 3/6 |
| | 6000 | 1200*1800 | 2712 | 2000 | 1475 | 1300*2000 | 2712 | 2000 | 1475 | 3/6 |
| | 6500 | 900*1500 | 2927 | 2215 | 1690 | 1000*1600 | 2927 | 2215 | 1690 | 3/3 |

h1=Max.Lift Height; c=Load Capacity; h2=Lowered Mast Height; h3=Free Lift Height(without backrest) ; h4=Overhead guard height; h5=Free Lift Height(with backrest); F/R=Tilting Angle F/R; and the digital after * in this table shows the load capacity of machine with double front tires optional.





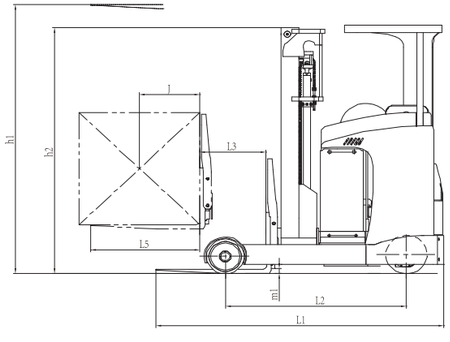

# LG20DR
# overall specifications

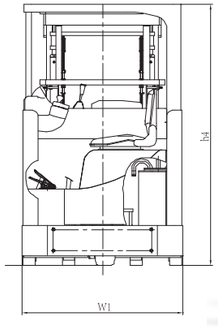
| | | | | | |
|---|---|---|---|---|---|
| Identification | 1.1 | Manufacture | | | LONKING |
| | 1.2 | Model | | | LG20DR |
| | 1.4 | Power Type (electric,diesel, petrol LPG) | | | Electric(AC) |
| | 1.5 | Type of operation:hand,pedestrian,standing,seated,order-picker | | | Seated |
| | 1.6 | Load capacity/rated load | | kg | 2000 |
| | 1.7 | Load center distance | J | mm | 500 |
| | 1.8 | Reach distance | L3 | mm | 508 |
| | 2.0 | Wheelbase | L2 | mm | 1500 |
| Weights | 2.1 | Dead weight | | kg | 3200 |
| | 2.2 | Tire loading,loaded front/rear | | kg | 4400/800 |
| | 2.3 | Tire loading,unloaded front/rear | | kg | 1120/2028 |
| Wheels, Chassis | 3.1 | Tires:pneumatic,solid rubber,polyurethane | | | polyurethane |
| | 3.2 | Tires size,front | | | Φ310×100 |
| | 3.3 | Tires size,rear | | | Φ343×130 |
| | 3.4 | Wheels,number front / rear(X=driven wheels) | | | 2/X=1 |
| | 3.5 | Track width,front | S | mm | 1156 |
| Basic Dimensions | 4.11 | Fork tilt up/down | α/β | degrees | 3/5 |
| | 4.12 | Lowered mast height | h2 | mm | 2201 |
| | 4.14 | STD Max lift height | h1 | mm | 3000 |
| | 4.15 | Overhead guard height | h4 | mm | 2220 |
| | 4.17 | Overall length | L1 | mm | 2355 |
| | 4.19 | Overall width | W1 | mm | 1270 |
| | 4.2 | Fork dimensions(hook type) | L5×W×T | mm | 920×120×40 |
| | 4.21 | Fork carriage ISO 2328, class / type A,B | | | 2/A |
| | 4.23 | Ground clearance, under mast | m1 | mm | 72 |
| | 4.27 | Turning radius | R1 | mm | 1810 |
| Performance Data | 5.1 | Max.traveling speed, unloaded | | km/h | 10 |
| | 5.2 | Max.lifting speed, loaded/ unloaded | | mm/s | 290/420 |
| | 5.3 | Lowering speed, loaded/unloaded | | mm/s | < 600 |
| | 5.7 | Max.gradient(Loaded/Unloaded) | | | 10/12 |
| Electric | 6.1 | Controller | | | ZAPI |
| | 6.2 | Lift motor(AC) | | kW | 11 |
| | 6.3 | Travel motor(AC) | | kW | 6 |
| Other Details | 7.1 | Operating pressure | | Mpa | 17.5 |
| | 7.2 | Battery | | V/Ah | 48/560(optional 600) |
| | 7.3 | Steer type | | | Electric |

# LG20DR
# mast specifications

| Item | LG20DR | | | | Fork Tilting Angle down/up( °) |
|---|---|---|---|---|---|
| | h1 Max.Lift Height(mm) | c Load Capacity(kg) | h2 Lowered Mast Height(mm) | h3 Free Lift Height(mm) | |
| 2 Stage Standard Mast | 3000 | 2000 | 2110 | 190 | 3/5 |
| | 3300 | 2000 | 2260 | 190 | 3/5 |
| | 3500 | 2000 | 2360 | 190 | 3/5 |
| | 3700 | 2000 | 2460 | 190 | 3/5 |
| | 4000 | 2000 | 2660 | 190 | 3/5 |
| | 4300 | 1850 | 2810 | 190 | 3/5 |
| | 4500 | 1700 | 2910 | 190 | 3/5 |
| 3 Stage Free Mast | 4000 | 2000 | 1890 | 1300 | 3/5 |
| | 4500 | 1650 | 2040 | 1500 | 3/5 |
| | 4700 | 1600 | 2110 | 1560 | 3/5 |
| | 4800 | 1600 | 2140 | 1600 | 3/5 |
| | 5000 | 1500 | 2210 | 1660 | 3/5 |
| | 5500 | 1350 | 2390 | 1800 | 3/5 |
| | 6000 | 1250 | 2590 | 2000 | 3/5 |
| | 6500 | 1100 | 2740 | 2200 | 3/5 |
| | 7000 | 900 | 2940 | 2300 | 3/5 |
| | 7500 | 800 | 3140 | 2500 | 3/5 |
| | 8000 | 650 | 3305 | 2670 | 3/5 |
| | 8500 | 550 | 3470 | 2840 | 3/5 |

h1=Max.Lift Height; c=Load Capacity; h2=Lowered Mast Height; h3=Free Lift Height(without backrest) ;
h4=Overhead guard height






# LG20ET
# overall specifications

| | | | | |
|---|---|---|---|---|
| Identification | | | | |
| 1.1 | Manufacture | | | LONKING |
| 1.2 | Model | | | LG20ET |
| 1.4 | Power Type (electric,diesel, petrol LPG) | | | Electric |
| 1.5 | Type of operation:hand,pedestrian,standing,seated,order-picker | | | Standing |
| 1.6 | Load capacity/rated load | | kg | 2000 |
| 1.7 | Load center distance | J | mm | 600 |
| Weights | | | | |
| 2.1 | Dead weight | | kg | 689 |
| Wheels,Chassis | | | | |
| 3.2 | Tires size,front | | | Φ230×85 |
| 3.3 | Tires size,rear | | | Φ80×70 |
| 3.5 | Track width,front | S | mm | 520 |
| 3.7 | Track width,rear | S | mm | 370 |
| Basic Dimensions | | | | |
| 4.14 | STD Max lift height | h1 | mm | 205 |
| 4.15 | Fork lowered height | h4 | mm | 85 |
| 4.17 | Overall length(Board extended) | L1 | mm | 2283 |
| 4.19 | Overall width | W1 | mm | 700 |
| 4.2 | Overall height | | mm | 1455 |
| 4.2 | Fork surface length | | mm | 1150 |
| 4.27 | Turning radius | R1 | mm | 1650 |
| Performance Data | | | | |
| 5.1 | Max.traveling speed, unloaded | | km/h | 6 |
| 5.2 | Max.lifting speed, loaded/ unloaded | | mm/s | 42/53 |
| 5.3 | Lowering speed, loaded/unloaded | | mm/s | 48/42 |
| 5.7 | Max.gradient(Loaded/Unloaded) | | | 8/16 |
| Controller&Elcetric-motor | | | | |
| 6.1 | Controller | | | CURTIS |
| 6.2 | Lift motor(AC) | | kW | 2 |
| 6.3 | Travel motor(AC) | | kW | 1.1 |
| Other Details | | | | |
| 7.1 | Operating pressure | | Mpa | 10 |
| 7.2 | Battery | | V/Ah | 24/240 |

