LI-ION technology

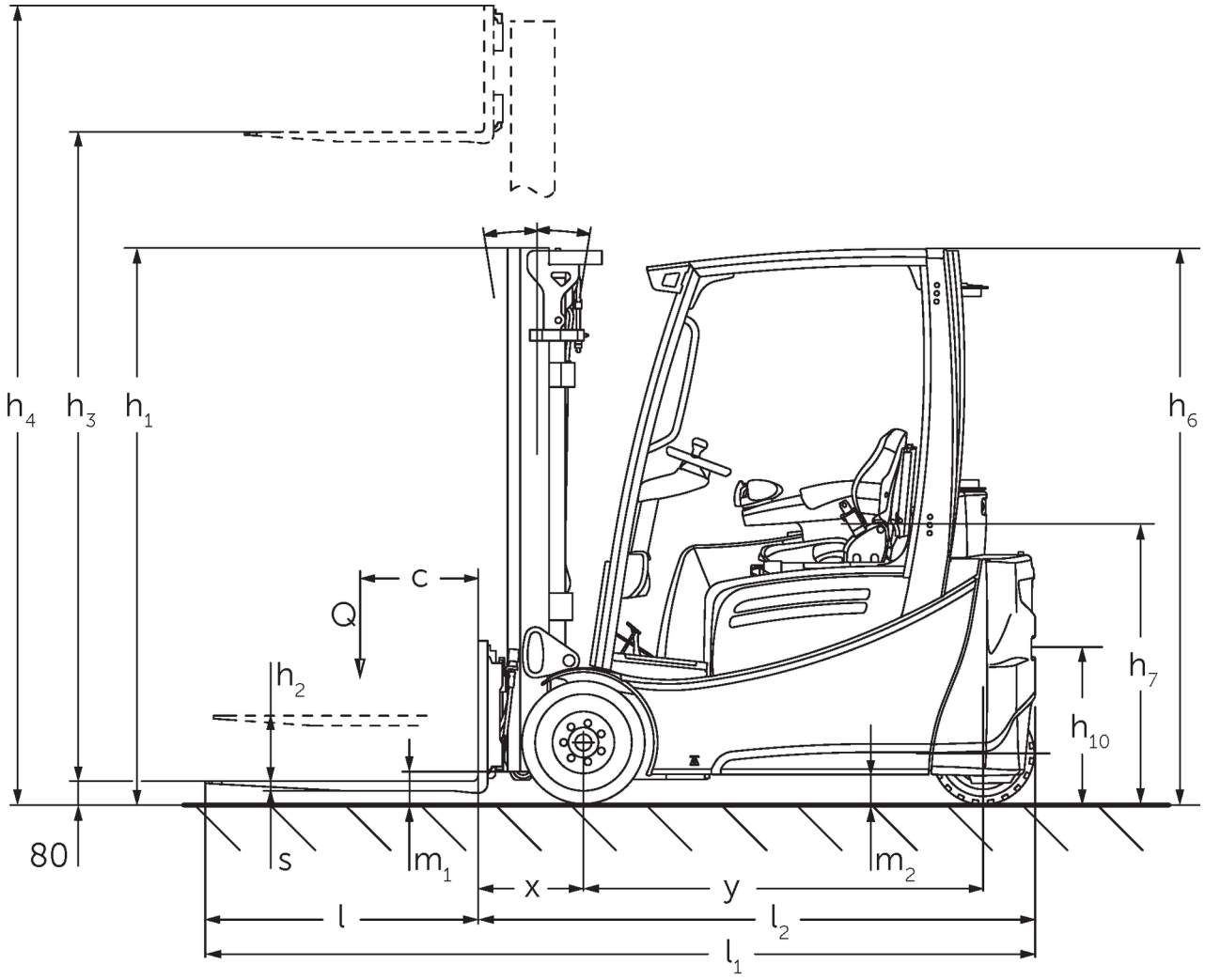
# Electric three-wheel counterbalance forklift truck

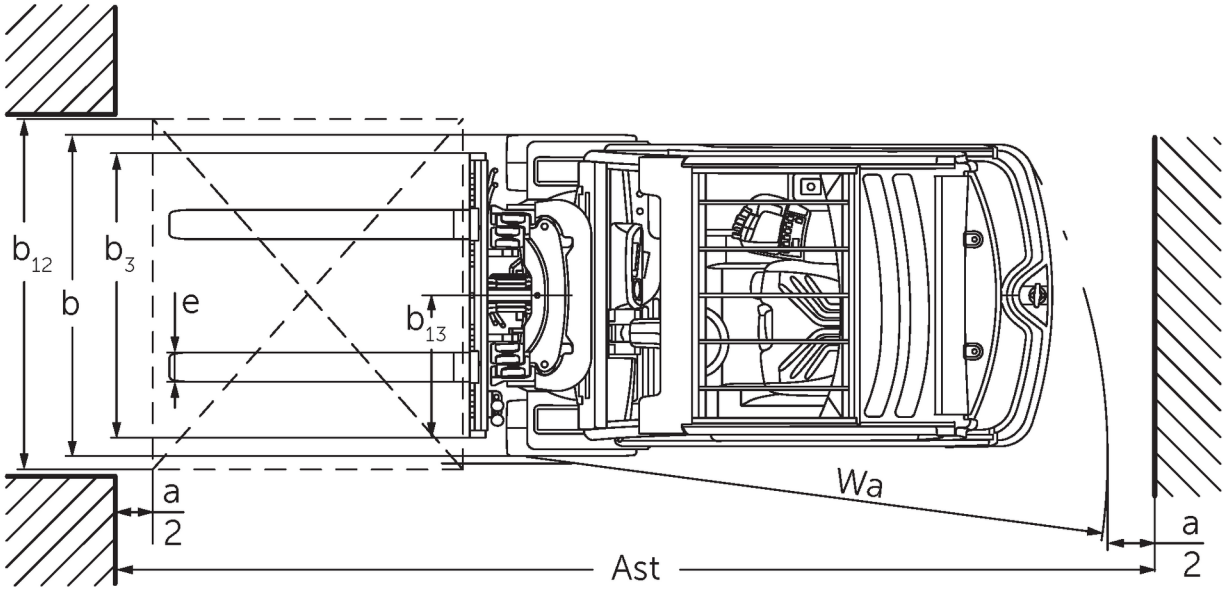
## EFG 112

**Lift height: 2900-7000 mm / Load capacity: 1200 kg**

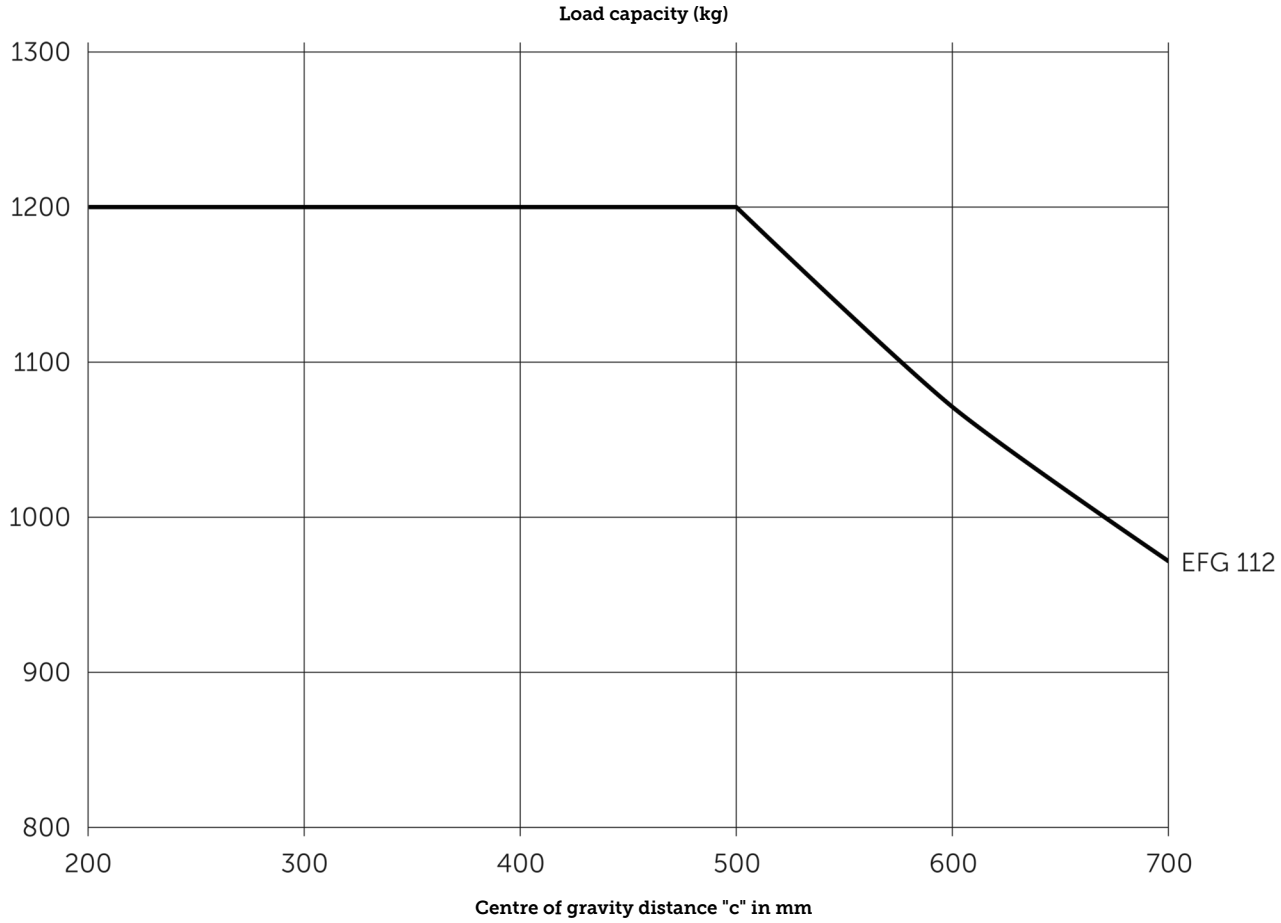
JUNGHEINRICH

# EFG 112


h4
h3
h1
h6
c
Q
h2
h7
h10
80
s
m1
m2
x
y
l
l2
l1


b12
b3
b
e
b13
Wa
a
2
Ast
a
2

# EFG 112


Load capacity (kg)
1300
1200
1100
1000
900
800
200
300
400
500
600
700
EFG 112
Centre of gravity distance "c" in mm

# EFG 112

| EFG 112 | Lift (h3) | Retracted mast height (h1) | Free lift (h2) | Extended mast height (h4) | Forward/ backward tilt of mast |
|---|---|---|---|---|---|
| Duplex mast ZT | **3000 mm** | **2060 mm** | **150 mm** | **3590 mm** | **7 / 6 °** |
| | 3100 mm | 2110 mm | 150 mm | 3690 mm | 7 / 6 ° |
| | 3300 mm | 2210 mm | 150 mm | 3890 mm | 7 / 7 ° |
| | 3500 mm | 2310 mm | 150 mm | 4090 mm | 7 / 7 ° |
| | 3700 mm | 2410 mm | 150 mm | 4290 mm | 7 / 7 ° |
| | 4000 mm | 2560 mm | 150 mm | 4590 mm | 7 / 7 ° |
| | 4500 mm | 2810 mm | 150 mm | 5090 mm | 7 / 7 ° |
| Duplex mast ZZ | **2900 mm** | **1965 mm** | **1375 mm** | **3490 mm** | **7 / 6 °** |
| | 3100 mm | 2065 mm | 1475 mm | 3690 mm | 7 / 6 ° |
| | 3180 mm | 2105 mm | 1515 mm | 3770 mm | 7 / 7 ° |
| | 3300 mm | 2165 mm | 1575 mm | 3890 mm | 7 / 7 ° |
| | 3500 mm | 2265 mm | 1675 mm | 4090 mm | 7 / 7 ° |
| | 3700 mm | 2365 mm | 1775 mm | 4290 mm | 7 / 7 ° |
| | 4000 mm | 2515 mm | 1925 mm | 4590 mm | 7 / 7 ° |
| Triplex mast DZ | **4250 mm** | **1975 mm** | **1385 mm** | **4840 mm** | **7 / 4 °** |
| | 4400 mm | 2025 mm | 1435 mm | 4990 mm | 7 / 4 ° |
| | 4640 mm | 2105 mm | 1515 mm | 5230 mm | 7 / 5 ° |
| | 4700 mm | 2125 mm | 1535 mm | 5290 mm | 7 / 5 ° |
| | 4800 mm | 2165 mm | 1575 mm | 5390 mm | 7 / 5 ° |
| | 5000 mm | 2235 mm | 1645 mm | 5590 mm | 7 / 5 ° |
| | 5500 mm | 2415 mm | 1825 mm | 6090 mm | 7 / 5 ° |
| | 6000 mm | 2585 mm | 1995 mm | 6590 mm | 7 / 5 ° |
| | 6500 mm | 2765 mm | 2175 mm | 7090 mm | 7 / 5 ° |
| | 7000 mm | 2935 mm | 2345 mm | 7590 mm | 7 / 5 ° |

# VDI table

**Stand-on: 11/2024**

| | | | | | |
|---|---|---|---|---|---|
| Characteristic | 1.1 | Manufacturer (abbreviated description) | | | Jungheinrich |
| | 1.2 | Manufacturer's type designation | | | **EFG 112** |
| | 1.3 | Drive | | | Electric |
| | 1.4 | Operation | | | Seat |
| | 1.5 | Load capacity/load | Q | kg | 1200 |
| | 1.6 | Load centre distance | c | mm | 500 |
| | 1.8 | Load distance, centre of drive axle to fork | x | mm | 344 |
| | 1.9 | Wheelbase | y | mm | 1249 |
| Weights | 2.1.1 | Service weight (incl. battery) | | kg | 2622 |
| | 2.2 | Axle load laden front/rear | | kg | 3318 / 504 |
| | 2.3 | Axle load unladen front/rear | | kg | 1307 / 1315 |
| Wheels/suspension system | 3.1 | Tyres | | | Super-elastic (SE) |
| | 3.2 | Tyre size, front | | | 18 x 7-8 |
| | 3.3 | Tyre size, rear | | | 140 / 55-9 |
| | 3.5 | Wheels, number front/back (x=driven) | | | 2x/2 |
| | 3.6 | Tread width, front | b10 | mm | 904 |
| | 3.7 | Tread width, rear | b11 | mm | 176 |
| Basic dimensions | 4.1 | Forward/backward tilt of mast | a/ß | ° | 7 / 6 |
| | 4.2 | Retracted mast height (h1) | h1 | mm | 2060 |
| | 4.3 | Free lift (h2) | h2 | mm | 150 |
| | 4.4 | Lift (h3) | h3 | mm | 3000 |
| | 4.5 | Extended mast height (h4) | h4 | mm | 3590 |
| | 4.7 | Height of overhead guard (cab) | h6 | mm | 2040 |
| | 4.8 | Seat height/stand height | h7 | mm | 920 |
| | 4.12 | Coupling height | h10 | mm | 560 |
| | 4.19 | total length | l1 | mm | 2933 |
| | 4.20 | Length including fork shank | l2 | mm | 1783 |
| | 4.21.1 | total width | b1 | mm | 1060 |
| | 4.22 | Fork dimensions | s/e/l | mm | 40 x 80 x 1150 |
| | 4.23 | Fork carriage connection class | | | 2A |
| | 4.24 | Fork carriage width | b3 | mm | 980 |
| | 4.31 | Ground clearance laden under mast | m1 | mm | 97 |
| | 4.32 | Ground clearance centre of wheelbase | m2 | mm | 100 |
| | 4.34.1 | Aisle width (pallet 1000x1200 sideways) | Ast | mm | 3112 |
| | 4.34.2 | Aisle width (pallet 800x1200 length) | Ast | mm | 3235 |
| | 4.35 | Turning radius | Wa | mm | 1440 |
| | 4.36 | Smallest pivot point distance | b13 | mm | 0 |
| Performance data | 5.1 | Travel speed laden/unladen | | km/h | 12 / 12 |
| | 5.2 | Lift speed laden/unladen | | m/s | 0.3 / 0.48 |
| | 5.3 | Lowering speed laden/unladen | | m/s | 0.55 / 0.55 |
| | 5.5 | Drawbar pull laden | | N | 2100 |
| | 5.6 | Max. drawbar pull laden/unladen | | N | 9500 / 8000 |
| | 5.7 | Gradeability laden/unladen | | % | 7.5 / 11 |
| | 5.8 | Max. gradeability laden/unladen | | % | 25 / 28 |
| | 5.9 | Acceleration time laden/unladen | | s | 6.1 / 5.7 |
| | 5.10 | Service brake | | | electric/mechanical |

| | | | | |
|---|---|---|---|---|
| E-motor/Electronics | 6.1 | Drive motor, performance S2 60 min | kW | 2.8 |
| | 6.1.1 | 2. Drive motor, performance S2 60 min | kW | 2.8 |
| | 6.2 | Lift motor, performance with S3 | kW | 8.2 |
| | 6.3 | Battery according to DIN 43531/35/36 | | DIN 43531 A |
| | 6.4 | Battery voltage/nominal capacity | V / Ah | 48 / 500 |
| | 6.5 | Battery weight | kg | 715 |
| | 6.6.1 | Energy consumption according to EN cycle | kWh/h | 3.4 |
| | 6.6.2 | CO2 equivalent as per EN 16796 | kg/h | 1.8 |
| | 6.7 | Throughput | t/h | 80 |
| | 6.8.1 | Energy consumption with max. throughput | kWh/h | 3.8 |
| Other | 8.1 | Type of drive control | | Impulse/AC |
| | 10.1 | Operating pressure for attachment | bar | 230 |
| | 10.2 | Oil flow for attachments | l/min | 27 |
| | 10.7 | Schalldruckpegel nach EN12053 | dB (A) | 65 |
| | 10.8 | Trailer coupling, model/type DIN | | DIN 15170 H |

- This data sheet according to VDI guideline 2198 only states the technical values of the standard truck. Different tyres, other masts, additional equipment etc. may result in different values.

The German production facilities in Norderstedt, Moosburg and Landsberg are certified as well as our Genuine Parts Center in Kaltenkirchen.

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet European safety requirements.

CE

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