



## **Elektrische driewielheftruck** **EFG BA 113/115**

Hefhoogte: 3000-6500 mm / Capaciteit: 1300-1500 kg

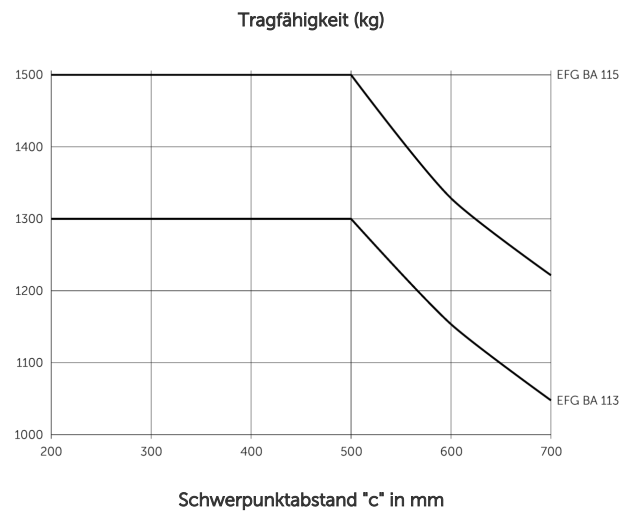
The drawing consists of two views of a forklift: a side view (top) and a top view (bottom).

**Side View Dimensions:**

- Vertical dimensions:  $h_1$  (total height),  $h_2$  (height to the center of gravity),  $h_3$  (height to the mast),  $h_4$  (height to the top of the mast),  $h_6$  (height to the top of the cab),  $h_7$  (height to the top of the rear counterweight), and  $h_{10}$  (height to the bottom of the rear counterweight).
- Horizontal dimensions:  $l$  (distance from the front wheel to the center of gravity),  $x$  (distance from the front wheel to the mast),  $y$  (distance from the front wheel to the rear wheel),  $l_1$  (total wheelbase), and  $l_2$  (distance from the rear wheel to the center of gravity).
- Other labels:  $s$  (mast height),  $\alpha$  (mast tilt angle),  $Q$  (weight),  $c$  (center of gravity),  $m_1$  (front wheel mass),  $m_2$  (rear wheel mass), and  $80$  (ground level).

**Top View Dimensions:**

- Overall width:  $b_{10}$ .
- Width at the front:  $b_{12}$ .
- Width at the rear:  $b_{11}$ .
- Distance from the front wheel to the center of gravity:  $e_1$ .
- Radius of the front wheel:  $R$ .
- Distance from the front wheel to the rear wheel:  $l_6$ .
- Distance from the front wheel to the center of gravity:  $a/2$ .
- Distance from the rear wheel to the center of gravity:  $a/2$ .
- Distance from the rear wheel to the center of gravity:  $W/a$ .
- Overall length:  $As_t$ .



# EFG BA 113/115

| EFG BA 113, EFG BA 115 | Heffing (h3) | Ingeschoven masthoogte (h1) | Vrije heffing (h2) | Uitgeschoven masthoogte (h4) | Neiging vorkenbord voorover/achterover |
|------------------------|--------------|-----------------------------|--------------------|------------------------------|----------------------------------------|
| Drievoudige mast DZ    | 4500 mm      | 2005 mm                     | 1360 mm            | 5055 mm                      | 7 / 5 °                                |
|                        | 4800 mm      | 2105 mm                     | 1460 mm            | 5355 mm                      | 7 / 5 °                                |
|                        | 5000 mm      | 2180 mm                     | 1530 mm            | 5555 mm                      | 7 / 5 °                                |
|                        | 5500 mm      | 2355 mm                     | 1710 mm            | 6055 mm                      | 7 / 5 °                                |
|                        | 6000 mm      | 2555 mm                     | 1910 mm            | 6555 mm                      | 7 / 5 °                                |
|                        | 6500 mm      | 2805 mm                     | 2160 mm            | 7055 mm                      | 7 / 5 °                                |
| Tweevoudige mast ZT    | 3000 mm      | 2000 mm                     | 150 mm             | 3555 mm                      | 7 / 5 °                                |
|                        | 3300 mm      | 2150 mm                     | 150 mm             | 3855 mm                      | 7 / 5 °                                |
|                        | 3600 mm      | 2300 mm                     | 150 mm             | 4155 mm                      | 7 / 5 °                                |
|                        | 5000 mm      | 3050 mm                     | 150 mm             | 5555 mm                      | 7 / 5 °                                |
| Tweevoudige mast ZZ    | 3300 mm      | 2105 mm                     | 1470 mm            | 3855 mm                      | 7 / 5 °                                |
|                        | 3600 mm      | 2255 mm                     | 1620 mm            | 4155 mm                      | 7 / 5 °                                |

## VDI-tabel

|                |        |                                              |       |    |                   |                 |
|----------------|--------|----------------------------------------------|-------|----|-------------------|-----------------|
| Kenmerken      | 1.2    | Typeaanduiding fabrikant                     |       |    | EFG BA 113        | EFG BA 115      |
|                | 1.3    | Aandrijving                                  |       |    | Elektrisch        |                 |
|                | 1.4    | Bediening                                    |       |    | Stoel             |                 |
|                | 1.5    | Capaciteit/last                              | Q     | kg | 1300              | 1500            |
|                | 1.6    | Lastzwaartepuntafstand                       | c     | mm | 500               |                 |
|                | 1.8    | Lastafstand                                  | x     | mm | 387               | 392             |
|                | 1.9    | Wielbasis                                    | y     | mm | 1156              | 1249            |
| Gewichten      | 2.1.1  | Eigen gewicht (incl. accu)                   |       | kg | 3045              | 3221            |
|                | 2.2    | Aslast met last voor/achter                  |       | kg | 3753 / 592        | 3974 / 747      |
|                | 2.3    | Aslast onbelast voor/achter                  |       | kg | 1422 / 1623       | 1482 / 1739     |
| Wielen/chassis | 3.1    | Banden                                       |       |    | SuperElastik (SE) |                 |
|                | 3.2    | Bandenmaat, voor                             |       |    | 18x6-12/1/8       |                 |
|                | 3.3    | Bandenmaat, achter                           |       |    | 140/55-9          |                 |
|                | 3.5    | Wielen, aantal voor/achter (x = aangedreven) |       |    | 2x / 2            |                 |
|                | 3.6    | Spoorbreedte, voor                           | b10   | mm | 838               |                 |
|                | 3.7    | Spoorbreedte, achter                         | b11   | mm | 211               |                 |
| Afmetingen     | 4.1    | Neiging mast voorover/achterover             | a/β   | °  | 7 / 5             |                 |
|                | 4.2    | Ingeschoven masthoogte (h1)                  | h1    | mm | 2000              |                 |
|                | 4.2.1  | Totale hoogte                                | h15   | mm | 2080              |                 |
|                | 4.3    | Vrije heffing (h2)                           | h2    | mm | 150               |                 |
|                | 4.4    | Heffing (h3)                                 | h3    | mm | 3000              |                 |
|                | 4.5    | Uitgeschoven masthoogte (h4)                 | h4    | mm | 3555              |                 |
|                | 4.7    | Hoogte beschermend dak (cabine)              | h6    | mm | 2080              |                 |
|                | 4.8    | Zithoogte / stahoogte                        | h7    | mm | 1030              |                 |
|                | 4.12   | Koppelingshoogte                             | h10   | mm | 560               |                 |
|                | 4.19   | Totale lengte                                | l1    | mm | 2732              | 2830            |
|                | 4.20   | Lengte inclusief vorkrug                     | l2    | mm | 1732              | 1830            |
|                | 4.21.1 | Totale breedte                               | b1    | mm | 990               |                 |
|                | 4.22   | Vorkafmetingen                               | s/e/l | mm | 35 x 100 x 1000   | 40 x 100 x 1000 |
|                | 4.23   | Vorkenbord aansluitklasse                    |       |    | 2A                |                 |
|                | 4.24   | Breedte vorkenbord                           | b3    | mm | 950               |                 |
|                | 4.31   | Bodemvrijheid met last onder hefmast         | m1    | mm | 97                |                 |
|                | 4.32   | Bodemvrijheid midden wielbasis               | m2    | mm | 88                |                 |
|                | 4.34.1 | Werkbreedte (pallet 1000 x 1200 dwars)       | Ast   | mm | 3056              | 3154            |
|                | 4.34.2 | Werkbreedte (pallet 800x1200 longitudinaal)  | Ast   | mm | 3182              | 3279            |
|                | 4.35   | Draaicirkel                                  | Wa    | mm | 1345              | 1438            |
|                | 4.36   | Kleinste draaipuntafstand                    | b13   | mm | 0                 |                 |

|            |                     |                                               |                              |                        |             |
|------------|---------------------|-----------------------------------------------|------------------------------|------------------------|-------------|
| Prestaties | 5.1                 | Rijsnelheid met last/onbelast                 | km/u                         | 12,5 / 12,5            |             |
|            | 5.2                 | Hefsnelheid met last/onbelast                 | m/s                          | 0,25 / 0,53            | 0,24 / 0,53 |
|            | 5.3                 | Daalsnelheid met last/onbelast                | m/s                          | 0,55 / 0,54            |             |
|            | 5.5                 | Trekkracht met last                           | N                            | 716                    | 886         |
|            | 5.6                 | Max. trekkracht met last/onbelast             | N                            | 8752 / 8480            | 8675 / 9149 |
|            | 5.7                 | Nominale helling met last/onbelast            | %                            | 8 / 12                 | 8 / 11      |
|            | 5.8                 | Max. helling met last/onbelast                | %                            | 15 / 20                | 14 / 19     |
|            | 5.9                 | Acceleratietijd met last/onbelast             | s                            | 7,1 / 6,1              | 7,1 / 6,5   |
|            | 5.10                | Rem                                           |                              | mechanisch/hydraulisch |             |
|            | E-motor/elektronica | 6.1                                           | Rijmotor, vermogen S2 60 min | kW                     | 3,7         |
| 6.1.1      |                     | 2. Rijmotor, vermogen S2 60 min               | kW                           | 3,7                    |             |
| 6.2        |                     | Hefmotor, vermogen bij S3                     | kW                           | 10                     |             |
| 6.3        |                     | Accu volgens DIN 43531/35/36                  |                              | DIN 43531 A            |             |
| 6.4        |                     | Accuspanning/nominaal vermogen                | V / Ah                       | 48 / 375               | 48 / 500    |
| 6.5        |                     | Accugewicht                                   | kg                           | 560                    | 708         |
| 6.6.1      |                     | Energieverbruik volgens EN-cyclus             | kWh/u                        | 3,33                   | 3,64        |
| 6.6.2      |                     | CO2-equivalent volgens EN16796                | kg/h                         | 1,8                    | 1,9         |
| 6.7        |                     | Omslag                                        | t/h                          | 86                     | 97          |
| 6.8.1      |                     | Energieverbruik bij max. omslag               | kWh/u                        | 3,38                   | 3,92        |
| Overig     | 8.1                 | Type rijregeling                              |                              | Impuls/AC              |             |
|            | 10.1                | Werkdruk voor aanbouwapparaat                 | bar                          | 230                    |             |
|            | 10.2                | Oliestroom voor aanbouwapparatuur             | l/min                        | 17                     |             |
|            | 10.7                | Geluidsdruk niveau volgens EN12053, stuurbuis | dB (A)                       | 72                     |             |
|            |                     |                                               |                              |                        |             |
|            | 10.8                | Trekhaak, type / type DIN                     |                              | Pen                    |             |

Dit typeblad volgens VDI-richtlijn 2198 noemt alleen de technische waarden van de standaardmachine. Afwijkende banden, andere hefmasten, extra systemen etc. kunnen resulteren in andere waarden.

De Duitse fabrieken in Norderstedt,  
Moosburg en Landsberg zijn  
gecertificeerd, evenals ons  
onderdelenmagazijn in Kaltenkirchen.

ISO 9001  
ISO 14001

Jungheinrich intern transport materieel  
voldoet aan de Europese  
veiligheidsvoorschriften.



 **JUNGHEINRICH**