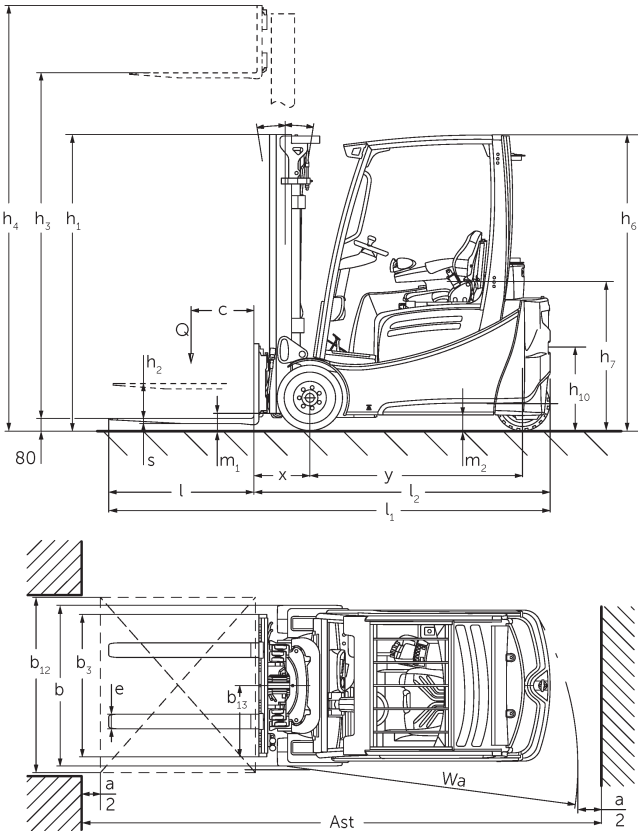




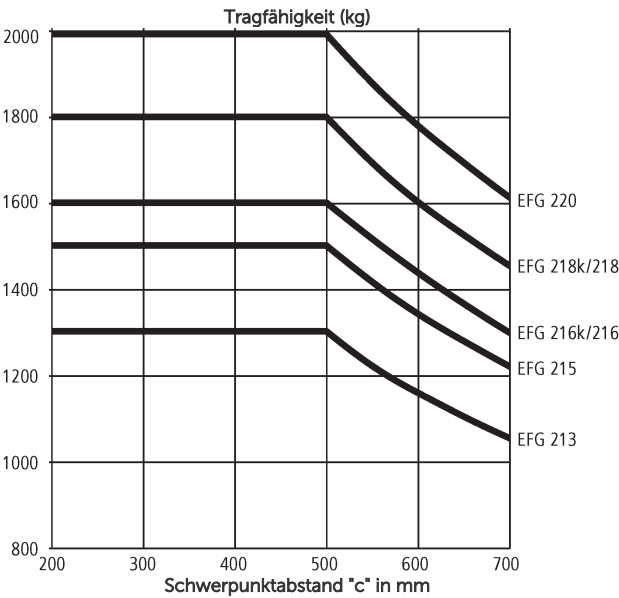
## **Elektrische driewielheftruck** **EFG 213-220**

Hefhoogte: 2020-7000 mm / Capaciteit: 1300-2000 kg

EFG 213-220



EFG 2 technische Zeichnung 2017



# EFG 213-220

| EFG 213, EFG 215, EFG 216k, EFG 216 | Heffing (h3) | Ingeschoven masthoogte (h1) | Vrije heffing (h2) | Uitgeschoven masthoogte (h4) | Neiging mast voorover/achterover |
|-------------------------------------|--------------|-----------------------------|--------------------|------------------------------|----------------------------------|
| Drievoudige 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 °                          |
| Tweevoudige 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 °                          |
| Tweevoudige 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 °                          |
| EFG 218k, EFG 218, EFG 220          | Heffing (h3) | Ingeschoven masthoogte (h1) | Vrije heffing (h2) | Uitgeschoven masthoogte (h4) | Neiging mast voorover/achterover |
| Drievoudige mast DZ                 | 4250 mm      | 1982 mm                     | 1340 mm            | 4892 mm                      | 7 / 6 °                          |
|                                     | 4400 mm      | 2032 mm                     | 1390 mm            | 5042 mm                      | 7 / 6 °                          |
|                                     | 4640 mm      | 2112 mm                     | 1470 mm            | 5282 mm                      | 7 / 5 °                          |
|                                     | 4700 mm      | 2132 mm                     | 1490 mm            | 5342 mm                      | 7 / 5 °                          |
|                                     | 4800 mm      | 2172 mm                     | 1530 mm            | 5442 mm                      | 7 / 5 °                          |
|                                     | 5000 mm      | 2242 mm                     | 1600 mm            | 5642 mm                      | 7 / 5 °                          |
|                                     | 5500 mm      | 2422 mm                     | 1780 mm            | 6142 mm                      | 7 / 5 °                          |
|                                     | 6000 mm      | 2592 mm                     | 1950 mm            | 6642 mm                      | 7 / 5 °                          |
|                                     | 6500 mm      | 2772 mm                     | 2130 mm            | 7142 mm                      | 7 / 5 °                          |
|                                     | 7000 mm      | 2942 mm                     | 2300 mm            | 7642 mm                      | 7 / 5 °                          |
| Tweevoudige mast ZT                 | 2020 mm      | 1577 mm                     | 150 mm             | 2632 mm                      | 7 / 5 °                          |
|                                     | 3000 mm      | 2067 mm                     | 150 mm             | 3612 mm                      | 7 / 6 °                          |
|                                     | 3100 mm      | 2117 mm                     | 150 mm             | 3712 mm                      | 7 / 6 °                          |
|                                     | 3300 mm      | 2217 mm                     | 150 mm             | 3912 mm                      | 7 / 7 °                          |
|                                     | 3500 mm      | 2317 mm                     | 150 mm             | 4112 mm                      | 7 / 7 °                          |
|                                     | 3700 mm      | 2417 mm                     | 150 mm             | 4312 mm                      | 7 / 7 °                          |

|                     |         |         |         |         |         |
|---------------------|---------|---------|---------|---------|---------|
|                     | 4000 mm | 2567 mm | 150 mm  | 4612 mm | 7 / 7 ° |
|                     | 4500 mm | 2817 mm | 150 mm  | 5112 mm | 7 / 7 ° |
| Tweevoudige mast ZZ | 2900 mm | 1972 mm | 1330 mm | 3542 mm | 7 / 6 ° |
|                     | 3100 mm | 2072 mm | 1430 mm | 3742 mm | 7 / 6 ° |
|                     | 3180 mm | 2112 mm | 1470 mm | 3822 mm | 7 / 7 ° |
|                     | 3300 mm | 2172 mm | 1530 mm | 3942 mm | 7 / 7 ° |
|                     | 3500 mm | 2272 mm | 1630 mm | 4142 mm | 7 / 7 ° |
|                     | 3700 mm | 2372 mm | 1730 mm | 4342 mm | 7 / 7 ° |
|                     | 4000 mm | 2522 mm | 1880 mm | 4642 mm | 7 / 7 ° |



|                                                                                                                                                                                                     |                     |                                              |                              |                                  |               |               |               |               |               |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------|------------------------------|----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Prestaties                                                                                                                                                                                          | 5.1                 | Rijsnelheid met last/onbelast                | km/u                         | 16 / 16                          |               |               |               |               |               |               |
|                                                                                                                                                                                                     | 5.2                 | Hefsnelheid met last/onbelast                | m/s                          | 0,51 / 0,74                      |               |               |               | 0,46 / 0,74   |               | 0,45 / 0,63   |
|                                                                                                                                                                                                     | 5.3                 | Daalsnelheid met last/onbelast               | m/s                          | 0,55 / 0,55                      |               |               |               |               |               |               |
|                                                                                                                                                                                                     | 5.5                 | Trekkracht met last                          | N                            | 2300                             | 2200          | 2150          | 2100          | 2000          |               | 1900          |
|                                                                                                                                                                                                     | 5.6                 | Max. trekkracht met last/onbelast            | N                            | 13000 / 11100                    | 13000 / 10900 | 13000 / 12000 | 13000 / 12600 | 12500 / 12100 | 12500 / 12500 | 12300 / 12000 |
|                                                                                                                                                                                                     | 5.7                 | Nominale helling met last/onbelast           | %                            | 7,6 / 12,5                       | 7,3 / 12,3    |               | 7 / 11,5      | 6,2 / 10,7    | 5,9 / 10,5    | 5,7 / 10,4    |
|                                                                                                                                                                                                     | 5.8                 | Max. helling met last/onbelast               | %                            | 28 / 31                          | 27 / 28       | 27 / 31       | 27 / 33       | 25 / 29       | 25 / 31       | 24 / 30       |
|                                                                                                                                                                                                     | 5.9                 | Acceleratietijd met last/onbelast            | s                            | 5,5 / 5,1                        | 5,6 / 5,2     | 5,7 / 5,2     |               | 5,8 / 5,3     |               | 5,9 / 5,3     |
|                                                                                                                                                                                                     | 5.10                | Rem                                          |                              | Reibbremse (mechanisch betätigt) |               |               |               |               |               |               |
|                                                                                                                                                                                                     | E-motor/elektronica | 6.1                                          | Rijmotor, vermogen S2 60 min | kW                               | 4,5           |               |               |               |               |               |
| 6.1.1                                                                                                                                                                                               |                     | 2. Rijmotor, vermogen S2 60 min              | kW                           | 4,5                              |               |               |               |               |               |               |
| 6.2                                                                                                                                                                                                 |                     | Hefmotor, vermogen bij S3                    | kW                           | 11,5                             |               |               |               |               |               |               |
| 6.3                                                                                                                                                                                                 |                     | Accu volgens DIN 43531/35/36                 |                              | DIN 43531 A                      |               |               |               |               |               |               |
| 6.4                                                                                                                                                                                                 |                     | Accuspanning/nominaal vermogen               | V / Ah                       | 48 / 500                         |               | 48 / 625      | 48 / 750      | 48 / 625      | 48 / 750      |               |
| 6.5                                                                                                                                                                                                 |                     | Accugewicht                                  | kg                           | 715                              |               | 855           | 1025          | 855           | 1025          |               |
| 6.6.1                                                                                                                                                                                               |                     | Energieverbruik volgens EN-cyclus            | kWh/u                        | 3,5                              | 3,7           | 3,9           |               | 4,1           |               | 4,5           |
| 6.6.2                                                                                                                                                                                               |                     | CO2-equivalent volgens EN16796               | kg/h                         | 1,9                              | 2             | 2,1           |               | 2,2           |               | 2,4           |
| 6.7                                                                                                                                                                                                 |                     | Omslag                                       | t/h                          | 105                              | 111           | 113           |               | 126           |               | 140           |
| 6.8                                                                                                                                                                                                 |                     | Omzettefficiëntie volgens VDI 2198           | t/kWh                        | 22,3                             | 23,1          |               |               | 23,3          |               | 25,5          |
| Overig                                                                                                                                                                                              | 8.1                 | Type rijregeling                             |                              | Impuls/AC                        |               |               |               |               |               |               |
|                                                                                                                                                                                                     | 10.1                | Werkdruk voor aanbouwapparaat                | bar                          | 230                              |               |               |               |               |               |               |
|                                                                                                                                                                                                     | 10.2                | Oliestroom voor aanbouwapparatuur            | l/min                        | 27                               |               |               |               |               |               |               |
|                                                                                                                                                                                                     | 10.7                | Geluidsdrukniveau volgens EN12053, stuurbuis | dB (A)                       | 67                               |               |               |               |               |               |               |
|                                                                                                                                                                                                     | 10.8                | Trekhaak, type / type DIN                    |                              | DIN 15170 H                      |               |               |               |               |               |               |
| - 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. |                     |                                              |                              |                                  |               |               |               |               |               |               |

- 6.6.1: 60 cycli / uur

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**