



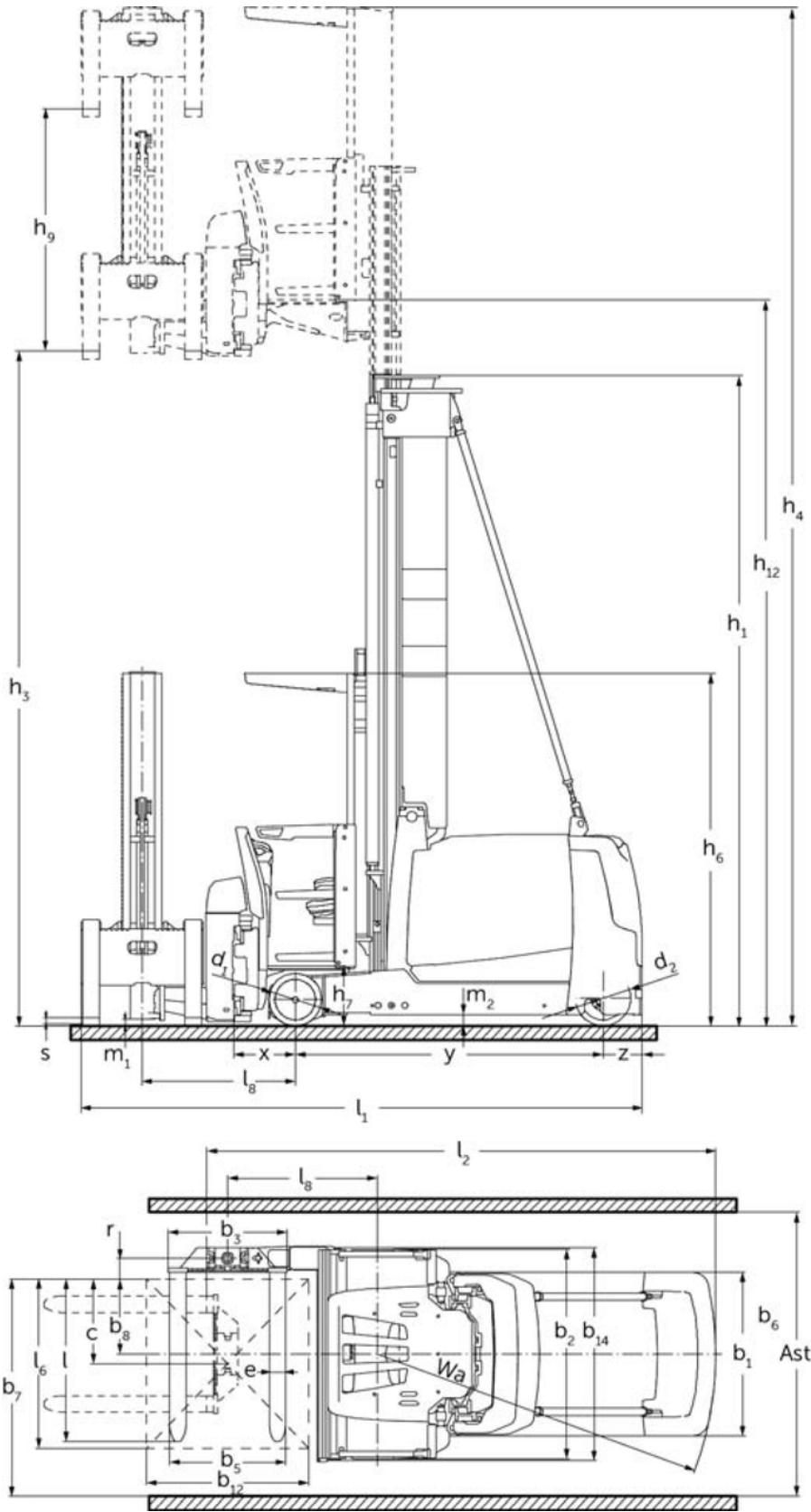
## **Combitruck**

### **EKX 410-516**

Hefhoogte: 3000-18000 mm / Draagvermogen: 1000-1600 kg



EKX 410-516



# EKX 410-516

| EKX 410, EKX 412           |         | Heffing (h3) | Ingeschoven masthoogte (h1) | Vrije heffing (h2) | Uitgeschoven masthoogte (h4) |
|----------------------------|---------|--------------|-----------------------------|--------------------|------------------------------|
| Drievoudige mast DZ        | 4500 mm | 2625 mm      | 75 mm                       | 7050 mm            |                              |
|                            | 5000 mm | 2800 mm      | 250 mm                      | 7550 mm            |                              |
|                            | 5500 mm | 2975 mm      | 425 mm                      | 8050 mm            |                              |
|                            | 6000 mm | 3150 mm      | 600 mm                      | 8550 mm            |                              |
|                            | 6500 mm | 3325 mm      | 775 mm                      | 9050 mm            |                              |
|                            | 7000 mm | 3500 mm      | 950 mm                      | 9550 mm            |                              |
|                            | 7500 mm | 3675 mm      | 1125 mm                     | 10050 mm           |                              |
| Tweevoudige mast ZT        | 3000 mm | 2600 mm      |                             | 5550 mm            |                              |
|                            | 3500 mm | 2850 mm      |                             | 6050 mm            |                              |
|                            | 4000 mm | 3100 mm      |                             | 6550 mm            |                              |
|                            | 4500 mm | 3350 mm      |                             | 7050 mm            |                              |
|                            | 5000 mm | 3600 mm      |                             | 7550 mm            |                              |
|                            | 5500 mm | 3850 mm      |                             | 8050 mm            |                              |
|                            | 6000 mm | 4100 mm      |                             | 8550 mm            |                              |
|                            | 6500 mm | 4375 mm      |                             | 9050 mm            |                              |
|                            | 7000 mm | 4650 mm      |                             | 9550 mm            |                              |
|                            | 7500 mm | 4925 mm      |                             | 10050 mm           |                              |
| EKX 412                    |         | Heffing (h3) | Ingeschoven masthoogte (h1) | Vrije heffing (h2) | Uitgeschoven masthoogte (h4) |
| Drievoudige mast DZ        | 8000 mm | 3850 mm      | 1300 mm                     | 10550 mm           |                              |
|                            | 8500 mm | 4025 mm      | 1475 mm                     | 11050 mm           |                              |
| Tweevoudige mast ZT        | 8000 mm | 5200 mm      |                             | 10550 mm           |                              |
|                            | 8500 mm | 5475 mm      |                             | 11050 mm           |                              |
| EKX 514, EKX 516k, EKX 516 |         | Heffing (h3) | Ingeschoven masthoogte (h1) | Vrije heffing (h2) | Uitgeschoven masthoogte (h4) |
| Drievoudige mast DZ        | 4000 mm | 2550 mm      |                             | 6550 mm            |                              |
|                            | 4500 mm | 2710 mm      | 160 mm                      | 7050 mm            |                              |
|                            | 5000 mm | 2895 mm      | 345 mm                      | 7550 mm            |                              |
|                            | 5500 mm | 3095 mm      | 545 mm                      | 8050 mm            |                              |
|                            | 6000 mm | 3295 mm      | 745 mm                      | 8550 mm            |                              |
|                            | 6500 mm | 3495 mm      | 945 mm                      | 9050 mm            |                              |
|                            | 7000 mm | 3695 mm      | 1145 mm                     | 9550 mm            |                              |
|                            | 7500 mm | 3895 mm      | 1345 mm                     | 10050 mm           |                              |
|                            | 8000 mm | 4095 mm      | 1545 mm                     | 10550 mm           |                              |
|                            | 8500 mm | 4295 mm      | 1745 mm                     | 11050 mm           |                              |
|                            | 9000 mm | 4495 mm      | 1945 mm                     | 11550 mm           |                              |
|                            | 9250 mm | 4595 mm      | 2045 mm                     | 11800 mm           |                              |
|                            | 9500 mm | 4695 mm      | 2145 mm                     | 12050 mm           |                              |
| Tweevoudige mast ZT        | 3000 mm | 2705 mm      |                             | 5550 mm            |                              |
|                            | 3500 mm | 2955 mm      |                             | 6050 mm            |                              |
|                            | 4000 mm | 3205 mm      |                             | 6550 mm            |                              |

|                          |                     |                                    |                           |                                     |
|--------------------------|---------------------|------------------------------------|---------------------------|-------------------------------------|
|                          | 4500 mm             | 3455 mm                            | 7050 mm                   |                                     |
|                          | 5000 mm             | 3705 mm                            | 7550 mm                   |                                     |
|                          | 5500 mm             | 3955 mm                            | 8050 mm                   |                                     |
|                          | 6000 mm             | 4205 mm                            | 8550 mm                   |                                     |
|                          | 6500 mm             | 4555 mm                            | 9050 mm                   |                                     |
|                          | 7000 mm             | 4805 mm                            | 9550 mm                   |                                     |
|                          | 7500 mm             | 5055 mm                            | 10050 mm                  |                                     |
|                          | 8000 mm             | 5305 mm                            | 10550 mm                  |                                     |
|                          | 8500 mm             | 5655 mm                            | 11050 mm                  |                                     |
|                          | 9000 mm             | 5905 mm                            | 11550 mm                  |                                     |
|                          | 9500 mm             | 6155 mm                            | 12050 mm                  |                                     |
| <b>EKX 516</b>           | <b>Heffing (h3)</b> | <b>Ingeschoven masthoogte (h1)</b> | <b>Vrije heffing (h2)</b> | <b>Uitgeschoven masthoogte (h4)</b> |
| Drievoudige mast DZ      | 11000 mm            | 5215 mm                            | 2665 mm                   | 13550 mm                            |
|                          | 11500 mm            | 5395 mm                            | 2845 mm                   | 14050 mm                            |
|                          | 12000 mm            | 5565 mm                            | 3015 mm                   | 14550 mm                            |
|                          | 12500 mm            | 5750 mm                            | 3200 mm                   | 15050 mm                            |
|                          | 13000 mm            | 5950 mm                            | 3400 mm                   | 15550 mm                            |
|                          | 13500 mm            | 6250 mm                            | 3700 mm                   | 16050 mm                            |
|                          | 14000 mm            | 6550 mm                            | 4000 mm                   | 16550 mm                            |
|                          | 14500 mm            | 6850 mm                            | 4300 mm                   | 17050 mm                            |
| <b>EKX 516k, EKX 516</b> | <b>Heffing (h3)</b> | <b>Ingeschoven masthoogte (h1)</b> | <b>Vrije heffing (h2)</b> | <b>Uitgeschoven masthoogte (h4)</b> |
| Drievoudige mast DZ      | 10000 mm            | 4875 mm                            | 2325 mm                   | 12550 mm                            |
|                          | 10500 mm            | 5045 mm                            | 2495 mm                   | 13050 mm                            |
| Tweevoudige mast ZT      | 10000 mm            | 6405 mm                            | 12550 mm                  |                                     |
|                          | 10500 mm            | 6655 mm                            | 13050 mm                  |                                     |

## VDI-tabel

|                |           |                                                     |                            |                         |             |                 |             |             |
|----------------|-----------|-----------------------------------------------------|----------------------------|-------------------------|-------------|-----------------|-------------|-------------|
| Kenmerken      | 1.1       | Fabrikant (korte naam)                              |                            | Jungheinrich            |             |                 |             |             |
|                | 1.2       | Typeaanduiding fabrikant                            |                            | EKX 410                 | EKX 412     | EKX 514         | EKX 516k    | EKX 516     |
|                | 1.3       | Aandrijving                                         |                            | Elektrisch              |             |                 |             |             |
|                | 1.4       | Bediening                                           |                            | Combitruck met zwenkkop |             |                 |             |             |
|                | 1.5       | Draagvermogen/last                                  | Q kg                       | 1000                    | 1200        | 1400            | 1600        |             |
|                | 1.6       | Lastzwaartepuntafstand                              | c mm                       | 600                     |             |                 |             |             |
|                | 1.8       | Lastafstand                                         | x mm                       | 450                     |             | 445             |             |             |
|                | 1.9       | Wielbasis                                           | y mm                       | 1807                    |             | 1840            | 1950        | 2220        |
|                | 1.10      | Midden aandrijf wiel/contragewicht                  | z mm                       | 320                     |             | 282             |             |             |
|                | Gewichten | 2.1.1                                               | Eigen gewicht (incl. accu) | kg                      | 5515        | 5895            | 6350        | 6750        |
| 2.2            |           | Aslast met last voor/achter                         | kg                         | 4895 / 1630             | 5400 / 1705 | 5720 / 1880     | 6190 / 2060 | 6590 / 2810 |
| 2.3            |           | Aslast onbelast voor/achter                         | kg                         | 3270 / 2245             | 3450 / 2445 | 3850 / 2500     | 3980 / 2770 | 4480 / 3420 |
| Wielen/chassis | 3.1       | Banden                                              |                            | Besthane                |             |                 |             |             |
|                | 3.2       | Bandenmaat, voor                                    |                            | Ø 295 x 144             |             | Ø 380 x 192     |             |             |
|                | 3.3       | Bandenmaat, achter                                  |                            | Ø 343 x 110             |             | Ø 400 x 160     |             |             |
|                | 3.5       | Wielen, aantal voor/achter (x = aangedreven)        |                            | 2 / 1 x                 |             | 2 / 1x          |             |             |
|                | 3.6       | Spoorbreedte, voor                                  | b10 mm                     | 1306                    |             | 1258            |             |             |
| Afmetingen     | 4.2       | Ingeschoven masthoogte (h1)                         | h1 mm                      | 2850                    |             | 2955            |             |             |
|                | 4.3       | Vrije heffing (h2)                                  | h2 mm                      | 0                       |             |                 |             |             |
|                | 4.4       | Heffing (h3)                                        | h3 mm                      | 3500                    |             |                 |             |             |
|                | 4.5       | Uitgeschoven masthoogte (h4)                        | h4 mm                      | 6050                    |             |                 |             |             |
|                | 4.7       | Hoogte beschermend dak (cabine)                     | h6 mm                      | 2550                    |             |                 |             |             |
|                | 4.8       | Zithoogte / stahoogte                               | h7 mm                      | 430                     |             |                 |             |             |
|                | 4.11      | Extra heffing                                       | h9 mm                      | 1780                    |             |                 |             |             |
|                | 4.14      | Stahoogte geheven                                   | h12 mm                     | 3930                    |             |                 |             |             |
|                | 4.19      | Totale lengte                                       | l1 mm                      | 3665                    |             | 3775            |             | 4045        |
|                | 4.20      | Lengte inclusief vorkrug                            | l2 mm                      | 3379                    |             | 3489            |             | 3759        |
|                | 4.21.1    | Totale breedte                                      | b1 mm                      | 1210                    |             |                 |             |             |
|                | 4.21.2    | Totale breedte                                      | b2 mm                      | 1450                    |             |                 |             |             |
|                | 4.22      | Vorkafmetingen                                      | s/<br>e/l mm               | 40 x 120 x 1200         |             | 50 x 120 x 1200 |             |             |
|                | 4.23      | Vorkenbord aansluitklasse                           |                            | 2B                      |             |                 |             |             |
|                | 4.24      | Breedte vorkenbord                                  | b3 mm                      | 880                     |             |                 |             |             |
|                | 4.25      | Maat over de vorken                                 | b5 mm                      | 856                     |             |                 |             |             |
|                | 4.29      | Reachbereik, zijdelings                             | mm                         | 1300                    |             |                 |             |             |
|                | 4.30      | Reachbereik, zijdelings van het midden van de truck | mm                         | 480                     |             |                 |             |             |
|                | 4.31      | Bodemvrijheid met last onder hefmast                | m1 mm                      | 80                      |             |                 |             |             |
|                | 4.32      | Bodemvrijheid midden wielbasis                      | m2 mm                      | 80                      |             |                 |             |             |
|                | 4.35      | Draaicirkel                                         | Wa mm                      | 2122                    |             | 2232            |             | 2502        |
|                | 4.38      | Afstand tot draaipunt zwenkvork                     | mm                         | 1103                    |             |                 |             |             |
|                | 4.38.4    | Palletbreedte                                       | mm                         | 1200                    |             |                 |             |             |
|                | 4.38.5    | Palletlengte                                        | mm                         | 1200                    |             |                 |             |             |



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**