

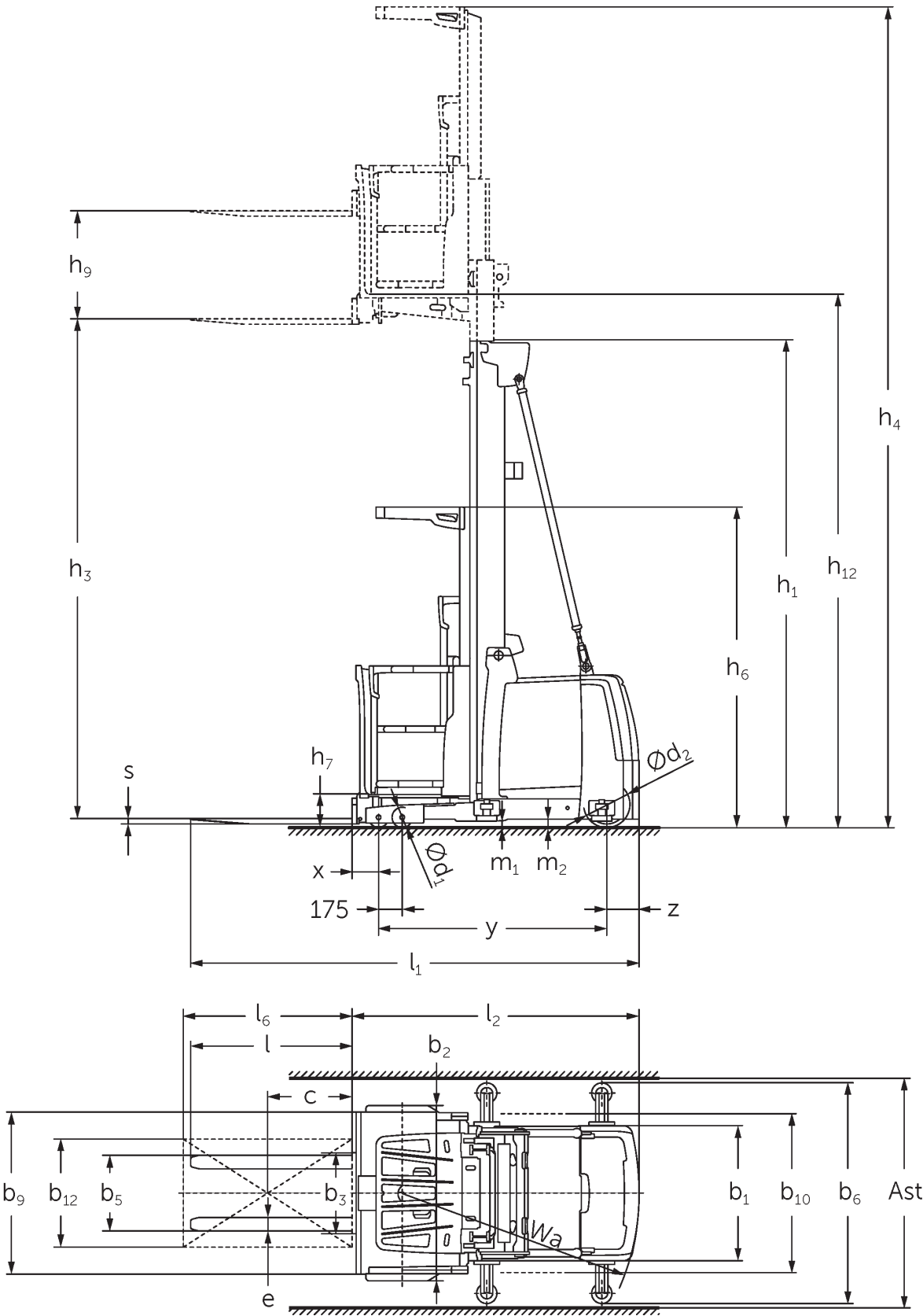


## Medium/high level order picker

### **EKS 210**

Lift height: 2800-4750 mm / Load capacity: 1000 kg

EKS 210



EKS 3/4 Z version technical drawing



EKS 3/4 O version technical drawing



EKS 3/4 L version technical drawing

# EKS 210

| EKS 210 Z, EKS 210 L, EKS 210 O | Lift (h3) | Retracted mast height (h1) | Extended mast height (h4) |
|---------------------------------|-----------|----------------------------|---------------------------|
| Duplex mast ZT                  | 2800 mm   | 2325 mm                    | 5170 mm                   |
|                                 | 3500 mm   | 2550 mm                    | 5870 mm                   |
|                                 | 4250 mm   | 2950 mm                    | 6620 mm                   |
|                                 | 4750 mm   | 3200 mm                    | 7120 mm                   |

# VDI table

|                          |        |                                             |           |                        |                 |                 |
|--------------------------|--------|---------------------------------------------|-----------|------------------------|-----------------|-----------------|
| Characteristic           | 1.1    | Manufacturer (abbreviated description)      |           | Jungheinrich           |                 |                 |
|                          | 1.2    | Manufacturer's type designation             |           | EKS 210                |                 |                 |
|                          | 1.3    | Drive                                       |           | Electric               |                 |                 |
|                          | 1.4    | Operation                                   |           | Order pickers          |                 |                 |
|                          | 1.5    | Load capacity/load                          | Q kg      | 1000                   |                 |                 |
|                          | 1.6    | Load centre distance                        | c mm      | 600                    |                 |                 |
|                          | 1.8    | Load distance, centre of drive axle to fork | x mm      | 155                    |                 |                 |
|                          | 1.9    | Wheelbase                                   | y mm      | 1425                   |                 |                 |
| Weights                  | 2.1.1  | Service weight (incl. battery)              | kg        | 2400                   |                 | 2350            |
|                          | 2.2    | Axle load laden front/rear                  | kg        | 2650 / 750             | 2680 / 720      | 2605 / 705      |
|                          | 2.3    | Axle load unladen front/rear                | kg        | 1150 / 1250            | 1180 / 1220     | 1105 / 1245     |
| Wheels/suspension system | 3.1    | Tyres                                       |           | Polyurethane (PU)      |                 |                 |
|                          | 3.2    | Tyre size, front                            |           | Ø 150 x 100            |                 |                 |
|                          | 3.3    | Tyre size, rear                             |           | Ø 230 x 83             |                 |                 |
|                          | 3.4    | Wheels, number front/back (x=driven)        |           |                        |                 |                 |
|                          | 3.5    | Wheels, number front/back (x=driven)        |           | 4 / 1 x                |                 |                 |
| Basic dimensions         | 4.2    | Retracted mast height (h1)                  | h1 mm     | 2325                   |                 |                 |
|                          | 4.4    | Lift (h3)                                   | h3 mm     | 2800                   |                 |                 |
|                          | 4.5    | Extended mast height (h4)                   | h4 mm     | 5125                   |                 |                 |
|                          | 4.7    | Height of overhead guard (cab)              | h6 mm     | 2325                   |                 |                 |
|                          | 4.8.1  | Stand height                                | h7 mm     | 200                    |                 |                 |
|                          | 4.14   | Stand height, elevated                      | h12 mm    | 3000                   |                 |                 |
|                          | 4.15   | Height, lowered                             | h13 mm    | 60                     |                 |                 |
|                          | 4.19   | total length                                | l1 mm     | 2995                   | 3040            | 2985            |
|                          | 4.20   | Length including fork shank                 | l2 mm     | 1795                   | 1785            |                 |
|                          | 4.21.1 | total width                                 | b1 mm     | 900                    |                 |                 |
|                          | 4.22   | Fork dimensions                             | s/ e/l mm | 40 x 100 x 1200        | 50 x 100 x 1250 | 50 x 100 x 1200 |
|                          | 4.25   | Width across forks                          | b5 mm     | 560                    |                 |                 |
|                          | 4.31   | Ground clearance laden under mast           | m1 mm     | 50                     |                 |                 |
|                          | 4.35   | Turning radius                              | Wa mm     | 1565                   |                 |                 |
| Performance data         | 5.1    | Travel speed laden/unladen                  | km/h      | 10 / 10                |                 |                 |
|                          | 5.2    | Lift speed laden/unladen                    | m/s       | 0.25 / 0.25            |                 |                 |
|                          | 5.3    | Lowering speed laden/unladen                | m/s       | 0.3 / 0.25             |                 |                 |
|                          | 5.10   | Service brake                               |           | regenerative           |                 |                 |
|                          | 5.11   | Parking brake                               |           | Electric sprung-loaded |                 |                 |

|                                                                                                                                                                                                   |      |                                           |        |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------|--------|-------------------------|
| E-motor/Electronics                                                                                                                                                                               | 6.1  | Drive motor, performance S2 60 min        | kW     | 3.2                     |
|                                                                                                                                                                                                   | 6.2  | Lift motor, performance with S3           | kW     | 8                       |
|                                                                                                                                                                                                   | 6.3  | Battery according to DIN 43531/35/36      |        | 5 PzS 775               |
|                                                                                                                                                                                                   | 6.4  | Battery voltage/nominal capacity          | V / Ah | 24 / 775                |
|                                                                                                                                                                                                   | 6.5  | Battery weight                            | kg     | 600                     |
| Other                                                                                                                                                                                             | 8.1  | Type of drive control                     |        | AC drive control system |
|                                                                                                                                                                                                   | 10.5 | Steering version                          |        | electric                |
|                                                                                                                                                                                                   | 10.7 | Sound pressure level according to EN12053 | dB (A) | 60                      |
| - 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. |      |                                           |        |                         |

#### 5.1. With drivePLUS performance module

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.



 **JUNGHEINRICH**