



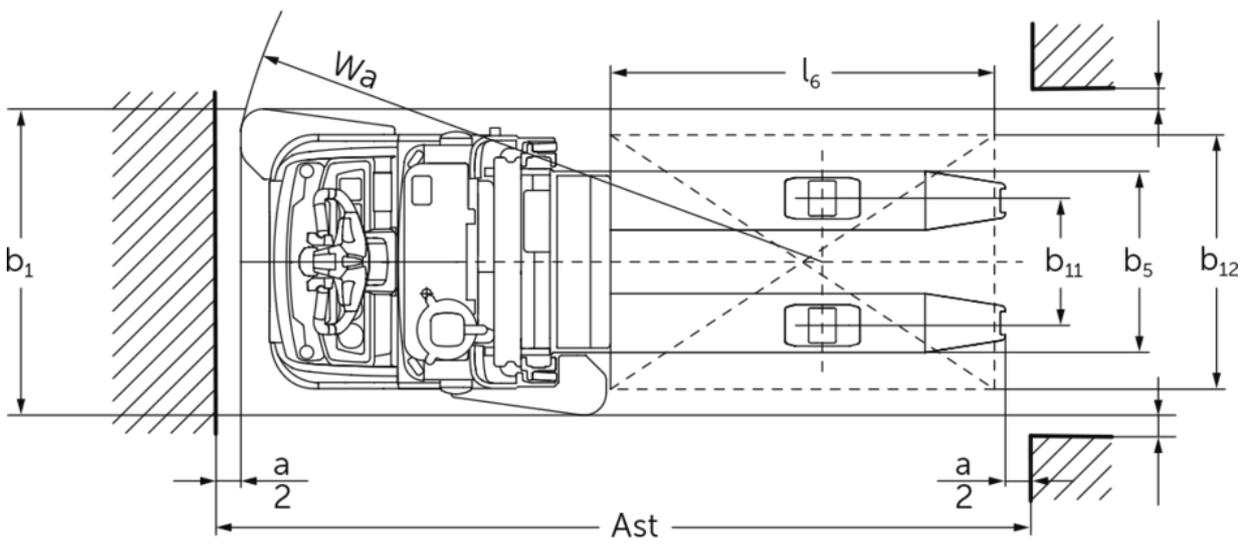
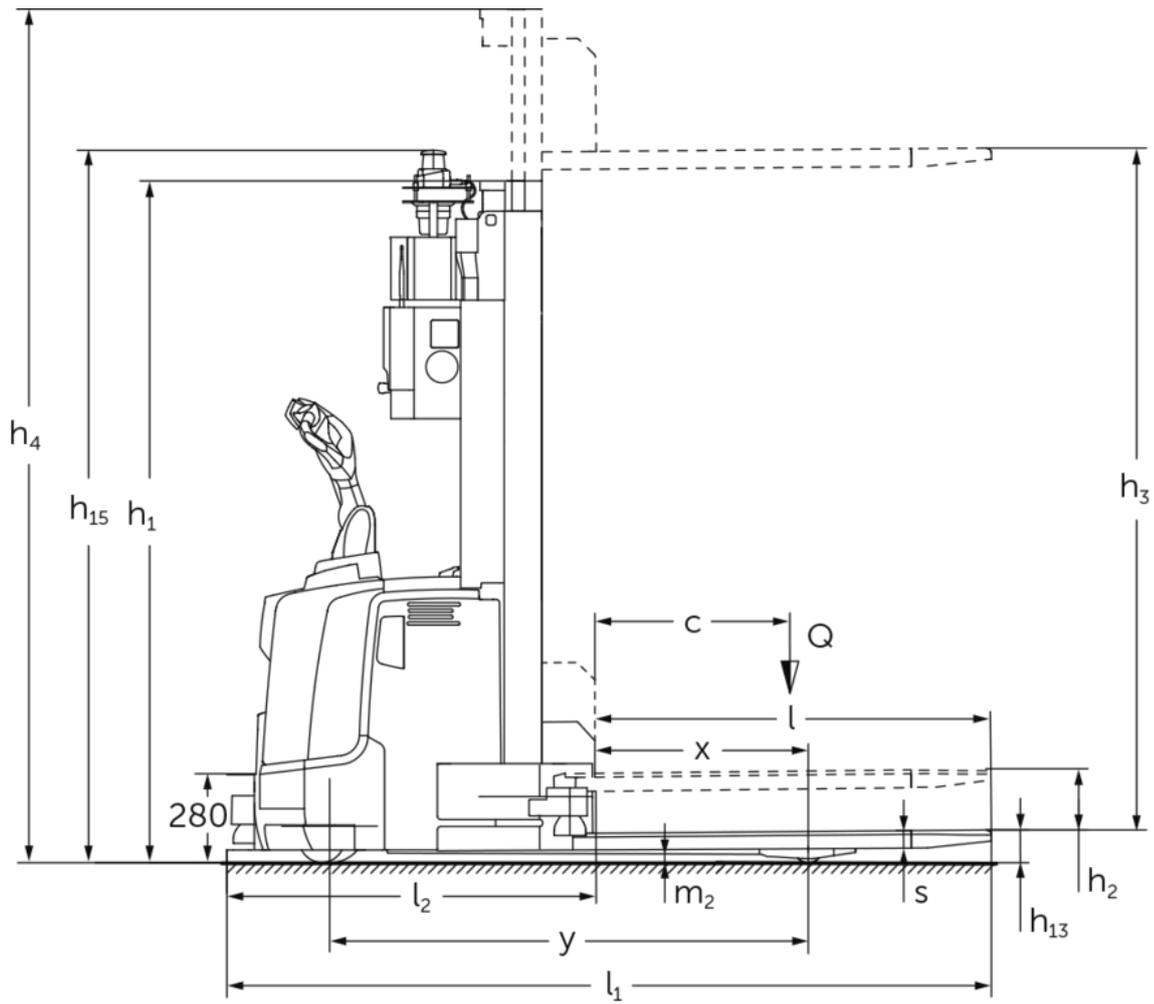
Mobile robot high-stack applications

ERC 213a / 217a

Lift height: 3100-4400 mm / Load capacity: 1300-1700 kg



ERC 213a / 217a



ERC 213a / 217a

| ERC 213a | Lift (h3) | Retracted mast height (h1) | Free lift (h2) | Extended mast height (h4) |
|----------------|-----------|----------------------------|----------------|---------------------------|
| Duplex mast ZT | 3100 mm | 2150 mm | 200 mm | 3625 mm |
| | 3800 mm | 2500 mm | 200 mm | 4325 mm |
| | 4400 mm | 2750 mm | 200 mm | 4925 mm |
| ERC 217a | Lift (h3) | Retracted mast height (h1) | Free lift (h2) | Extended mast height (h4) |
| Duplex mast ZT | 2840 mm | 2150 mm | 200 mm | 3495 mm |
| | 3540 mm | 2500 mm | 200 mm | 4195 mm |

VDI table

| | | | Jungheinrich | | | |
|----------------------------|--------|---|-------------------|----------|-----------------|-------------|
| | | | ERC 213a | ERC 217a | | |
| Characteristic | 1.1 | Manufacturer (abbreviated description) | | | | |
| | 1.2 | Manufacturer's type designation | | | | |
| | 1.3 | Drive type | electric | | | |
| | 1.4 | Operation | Automatic | | | |
| | 1.5 | Load capacity/load | Q | kg | 1300 | 1700 |
| | 1.6 | Load centre distance | c | mm | 600 | |
| | 1.8 | Load distance, centre of drive axle to fork | x | mm | 659 | |
| | 1.9 | Wheelbase | y | mm | 1496 | |
| Weights | 2.1.1 | Service weight (incl. battery) | | kg | 1410 | 1460 |
| | 2.2 | Axle load laden front/rear | | kg | 1060 / 1650 | 1080 / 2080 |
| | 2.3 | Axle load unladen front/rear | | kg | 985 / 425 | 1000 / 410 |
| Wheels/chassis | 3.1 | Tyres | Polyurethane (PU) | | | |
| | 3.2 | Tyre size, front | Ø 230 x 77 | | | |
| | 3.3 | Tyre size, rear | Ø 85 x 110 | | Ø 85 x 85 | |
| | 3.4 | Additional wheels | Ø 140 x 54 | | | |
| | 3.5 | Wheels, number front/back (x=driven) | 1x + 1 / 2 | | 1x + 1 / 4 | |
| | 3.6 | Tread width, front | b10 | mm | 515 | |
| | 3.7 | Tread width, rear | b11 | mm | 400 | |
| Basic dimensions | 4.2 | Retracted mast height (h1) | h1 | mm | 2075 | |
| | 4.2.1 | Total height | h15 | mm | 2285 | |
| | 4.4 | Lift (h3) | h3 | mm | 3100 | 2840 |
| | 4.5 | Extended mast height (h4) | h4 | mm | 3650 | 3520 |
| | 4.9 | Height of tiller handle in drive position min./max. | h14 | mm | 1170 / 1390 | |
| | 4.15 | Height, lowered | h13 | mm | 90 | |
| | 4.19 | Total length | l1 | mm | 2393 | |
| | 4.20 | Length including fork shank | l2 | mm | 1158 | |
| | 4.21.1 | total width | b1 | mm | 965 | |
| | 4.22 | Fork dimensions | s/e/l | mm | 56 x 185 x 1235 | |
| | 4.25 | Width across forks | b5 | mm | 570 | |
| Performance data | 4.32 | Ground clearance centre of wheelbase | m2 | mm | 28 | 20 |
| | 5.1 | Travel speed laden/unladen | | km/h | 9 / 9 | 7 / 7 |
| | 5.8 | Max. gradeability laden/unladen | | % | 4 / 4 | - / - |
| | 5.10 | Service brake | | | generative | |
| Electric motor/electronics | 6.1 | Drive motor, performance S2 60 min | | kW | 3.2 | 2.8 |
| | 6.2 | Lift motor, performance with S3 | | kW | 3 | |
| | 6.3 | Battery according to DIN 43531/35/36 | | | B 3 PzS | |
| | 6.4 | Battery voltage/nominal capacity | | V / Ah | 24 / 375 | |
| | 6.5 | Battery weight | | kg | 273 | |
| | 6.6 | Energy consumption according to VDI cycle | | kWh/h | 1.74 | - |

| | | | | |
|--|------|---|--------|-----------------|
| Other | 8.1 | Type of drive control | | AC speedCONTROL |
| | 10.7 | Sound pressure level according to EN12053 | dB (A) | 64 |
| <p>- 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.</p> | | | | |

- 4.2.1: with additional options (such as auto charging, Floor-Spot, detection of raised obstacles) h15 + 100 mm.
- 5.1: in manual operation 3.0 km/h. Travel speeds in load direction: max. 5.4 km/h (1.5 m/s).
- 5.1: for the ERC 213a with Efficiency performance package 7.0 / 7.0 km/h
- 6.1: for the ERC 213a with Efficiency performance package: 2.8 kW

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**

The Jungheinrich logo, featuring a red upward-pointing arrow above the word 'JUNGHEINRICH' in a bold, black, sans-serif font.