

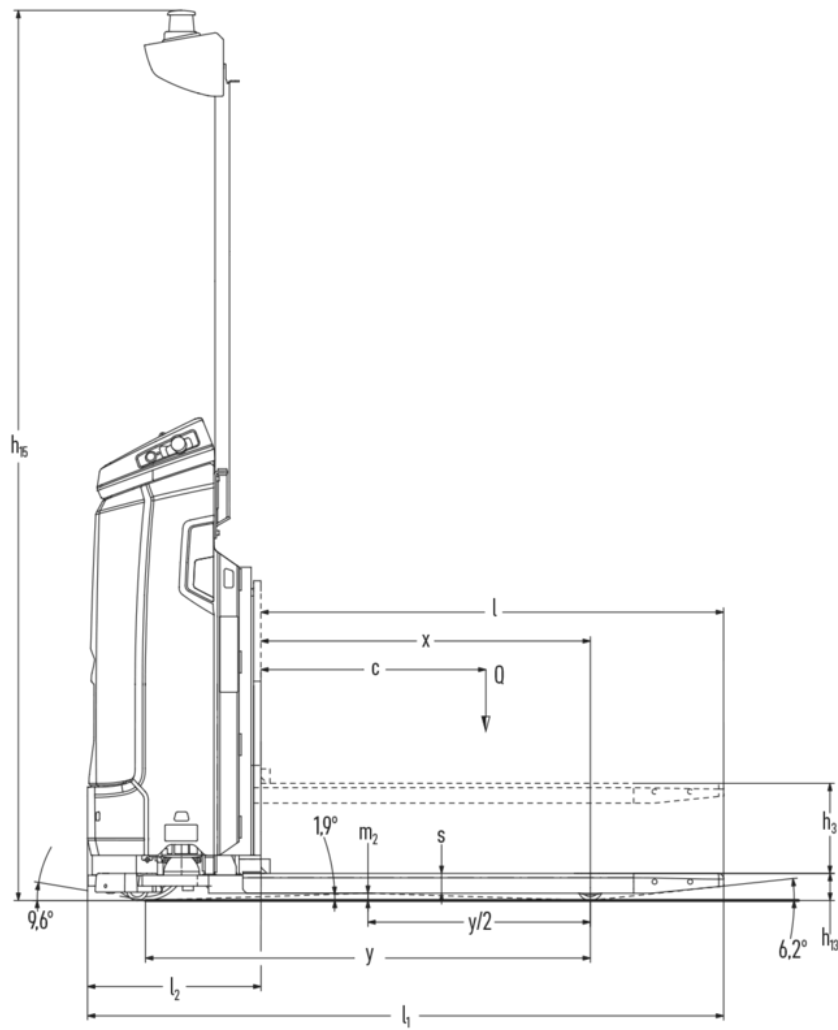


Mobile robot low-level applications

EAE 212a

Lift height: 250 mm / Load capacity: 1200 kg

EAE 212a



VDI table

| | | | | | |
|------------------|----------------------------|---|------------------------------------|--------|-------------------|
| Characteristic | 1.1 | Manufacturer (abbreviated description) | | | Jungheinrich |
| | 1.2 | Manufacturer's type designation | | | EAE 212a |
| | 1.3 | Drive type | | | electric |
| | 1.4 | Operation | | | Automatic |
| | 1.5 | Load capacity/load | Q | kg | 1200 |
| | 1.6 | Load centre distance | c | mm | 625 |
| | 1.8 | Load distance, centre of drive axle to fork | x | mm | 915 |
| | 1.9 | Wheelbase | y | mm | 1235 |
| Weights | 2.1.1 | Service weight (incl. battery) | | kg | 650 |
| | 2.2 | Axle load laden front/rear | | kg | 800 / 1050 |
| | 2.3 | Axle load unladen front/rear | | kg | 503 / 147 |
| Wheels/chassis | 3.1 | Tyres | | | Polyurethane (PU) |
| | 3.2 | Tyre size, front | | | ø230x65 |
| | 3.3 | Tyre size, rear | | | ø70x75 |
| | 3.4 | Additional wheels | | | ø60x35 |
| | 3.5 | Wheels, number front/back (x=driven) | | | 1(x) + 2 / 2 |
| | 3.6 | Tread width, front | b10 | mm | 610 |
| | 3.7 | Tread width, rear | b11 | mm | 430 |
| Basic dimensions | 4.2.1 | Total height | h15 | mm | 2470 |
| | 4.4 | Lift (h3) | h3 | mm | 250 |
| | 4.15 | Height, lowered | h13 | mm | 75 |
| | 4.19 | Total length | l1 | mm | 1766 |
| | 4.20 | Length including fork shank | l2 | mm | 481 |
| | 4.21.1 | total width | b1 | mm | 795 |
| | 4.22 | Fork dimensions | s/e/l | mm | 55 x 185 x 1285 |
| | 4.25 | Width across forks | b5 | mm | 570 |
| | 4.32 | Ground clearance centre of wheelbase | m2 | mm | 20 |
| Performance data | 5.1 | Travel speed laden/unladen | | km/h | 6 / 6 |
| | 5.2 | Lift speed laden/unladen | | m/s | 0.1 / 0.17 |
| | 5.3 | Lowering speed laden/unladen | | m/s | 0.08 / 0.07 |
| | 5.7 | Gradeability laden/unladen | | % | 0 / 0 |
| | 5.10 | Service brake | | | generative |
| | Electric motor/electronics | 6.1 | Drive motor, performance S2 60 min | | kW |
| 6.2 | | Lift motor, performance with S3 | | kW | 2.2 |
| 6.3 | | Battery according to DIN 43531/35/36 | | | no |
| 6.4 | | Battery voltage/nominal capacity | | V / Ah | 25.6 / 130 |
| 6.5 | | Battery weight | | kg | 55 |

| | | | | |
|--|------|---|--------|----|
| Other | 10.7 | Sound pressure level according to EN12053 | dB (A) | 54 |
| <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> | | | | |

The values in the table refer to a vehicle with a load overhang of 25 mm.

- VDI No. 1.6: With a load overhang of 50 mm: $c = 650$ mm.
- VDI No. 4.19: With a load overhang of 50 mm: $l_1 = 1816$ mm.
- VDI No. 4.2.1: Total height with optional bracket folded in: 1891 mm; folded out: 2470 mm.
- VDI No. 4.22: With a load overhang of 50 mm: $s/e/l = 55 / 185 / 1335$ mm.
- VDI No. 4.34.2: With a load overhang of 50 mm: $A_{st} = 2130$ mm.
- VDI No. 5.2: Lifting speed with load measured at a nominal load of 1.2 t.
- VDI No. 5.3: Lowering speed with load measured at a nominal load of 1.2 t.