

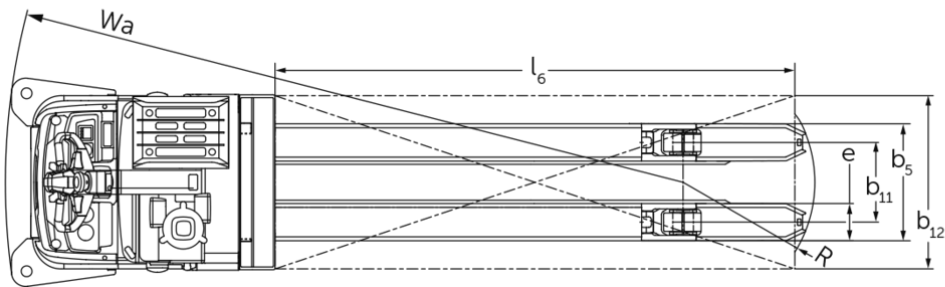
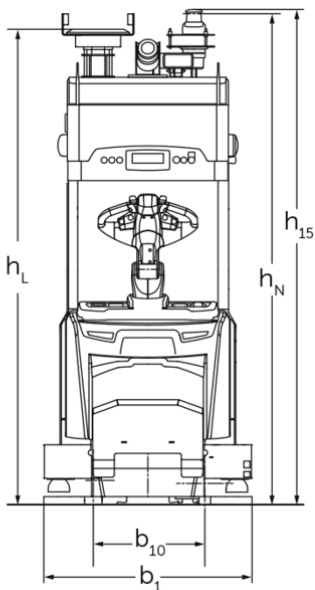
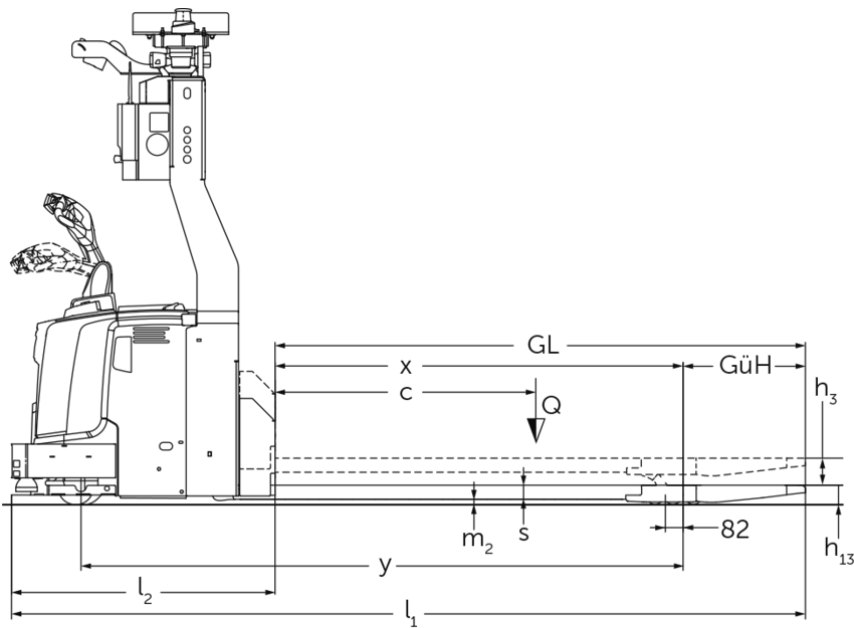


## Mobile robot low-level applications

### ERE 225a

Lift height: 125 mm / Load capacity: 2500 kg

ERE 225a



## VDI table

|                          |        |                                        |       |      |                   |
|--------------------------|--------|----------------------------------------|-------|------|-------------------|
| Characteristic           | 1.1    | Manufacturer (abbreviated description) |       |      | Jungheinrich      |
|                          | 1.2    | Manufacturer's type designation        |       |      | ERE 2a            |
|                          | 1.3    | Drive                                  |       |      | Electric          |
|                          | 1.4    | Operation                              |       |      | Automatic         |
|                          | 1.5    | Load capacity/load                     | Q     | kg   | 2500              |
|                          | 1.6    | Load centre distance                   | c     | mm   | 1200              |
| Weights                  | 2.1.1  | Service weight (incl. battery)         |       | kg   | 1240              |
|                          | 2.2    | Axle load laden front/rear             |       | kg   | 1590 / 2150       |
|                          | 2.3    | Axle load unladen front/rear           |       | kg   | 1020 / 220        |
| Wheels/suspension system | 3.1    | Tyres                                  |       |      | Polyurethane (PU) |
|                          | 3.2    | Tyre size, front                       |       |      | 230 x 77          |
|                          | 3.3    | Tyre size, rear                        |       |      | 85 x 85           |
|                          | 3.4    | Additional wheels                      |       |      | 140 x 54          |
|                          | 3.7    | Tread width, rear                      | b11   | mm   | 368               |
| Basic dimensions         | 4.2    | Retracted mast height (h1)             | h1    | mm   | 2230              |
|                          | 4.2.1  | total height                           | h15   | mm   | 2280              |
|                          | 4.4    | Lift (h3)                              | h3    | mm   | 125               |
|                          | 4.15   | Height, lowered                        | h13   | mm   | 90                |
|                          | 4.19   | total length                           | l1    | mm   | 3666              |
|                          | 4.20   | Length including fork shank            | l2    | mm   | 1217              |
|                          | 4.21.1 | total width                            | b1    | mm   | 965               |
|                          | 4.22   | Fork dimensions                        | s/e/l | mm   | 70 x 187 x 2450   |
|                          | 4.25   | Width across forks                     | b5    | mm   | 540               |
|                          | 4.31   | Ground clearance laden under mast      | m1    | mm   | 20                |
|                          | 4.32   | Ground clearance centre of wheelbase   | m2    | mm   | 30                |
| Performance data         | 5.1    | Travel speed laden/unladen             |       | km/h | 7.2 / 7.2         |
|                          | 5.10   | Service brake                          |       |      | generative        |

|                                                                                                                                                                                                   |      |                                           |        |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------|--------|-----------------|
| E-motor/Electronics                                                                                                                                                                               | 6.1  | Drive motor, performance S2 60 min        | kW     | 2.8             |
|                                                                                                                                                                                                   | 6.2  | Lift motor, performance with S3           | kW     | 1.5             |
|                                                                                                                                                                                                   | 6.4  | Battery voltage/nominal capacity          | V / Ah | 24 / 375        |
|                                                                                                                                                                                                   | 6.5  | Battery weight                            | kg     | 273             |
| Other                                                                                                                                                                                             | 8.1  | Type of drive control                     |        | AC speedCONTROL |
|                                                                                                                                                                                                   | 10.7 | Sound pressure level according to EN12053 | dB (A) | 64              |
| - 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. |      |                                           |        |                 |

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**