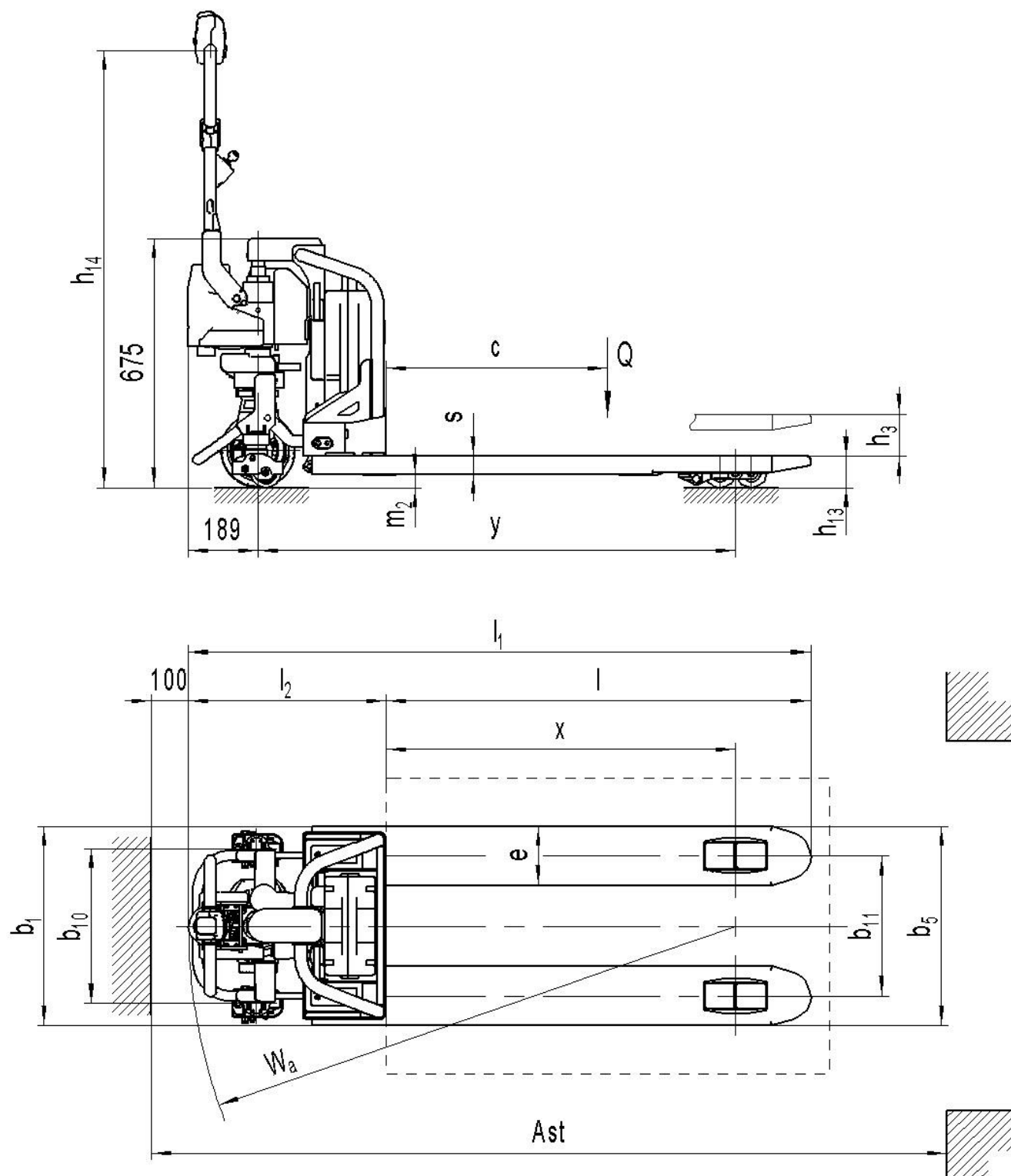


**PT E12**



|                     |      | Type sheet for industrial truck acc. to VDI 2198 |                      |                   |                 |          |          |
|---------------------|------|--------------------------------------------------|----------------------|-------------------|-----------------|----------|----------|
| Distinguishing mark | 1.2  | Manufacturer`s type designation                  |                      | PT E12            |                 |          |          |
|                     | 1.3  | Drive                                            |                      | Battery           |                 |          |          |
|                     | 1.4  | Operator type                                    |                      | Pedestrian        |                 |          |          |
|                     | 1.5  | Load Capacity / rated load                       | Q (t)                | 1.2               |                 |          |          |
|                     | 1.6  | Load centre distance                             | c (mm)               | 600               |                 |          |          |
|                     | 1.8  | Load distance ,centre of drive axle to fork      | x (mm)               | 947               | 1017            |          |          |
|                     | 1.9  | Wheelbase                                        | y (mm)               | 1293              | 1363            |          |          |
| Weight              | 2.1  | Service weight                                   | kg                   | 170               | 182             |          |          |
|                     | 2.2  | Axle loading, laden front/rear                   | kg                   | 500 / 870         | 510/872         |          |          |
|                     | 2.3  | Axle loading, unladen front/rear                 | kg                   | 130 / 40          | 140/42          |          |          |
| Tyres, chassis      | 3.1  | Tires                                            |                      | Polyurethane (PU) |                 |          |          |
|                     | 3.2  | Tire size,front                                  | Ø x w (mm)           | Ø 220×70          |                 |          |          |
|                     | 3.3  | Tire size,rear                                   | Ø x w (mm)           | Ø 80×93           | Ø 80×70         | Ø 80×93  | Ø 80×70  |
|                     | 3.4  | Additional wheels(dimensions)                    | Ø x w (mm)           | Ø 80×30           |                 |          |          |
|                     | 3.5  | Wheels,number front/rear(x=driven wheels)        |                      | 1x +2/ 2          | 1x +2/ 4        | 1x +2/ 2 | 1x +2/ 4 |
|                     | 3.6  | Tread, front                                     | b <sub>10</sub> (mm) | 420               |                 |          |          |
|                     | 3.7  | Tread, rear                                      | b <sub>11</sub> (mm) | 380               | 525             |          |          |
| Dimensions          | 4.4  | Lift                                             | h <sub>3</sub> (mm)  | 115               |                 |          |          |
|                     | 4.9  | Height of tiller in drive position min./ max.    | h <sub>14</sub> (mm) | 840 / 1185        |                 |          |          |
|                     | 4.15 | Height, lowered                                  | h <sub>13</sub> (mm) | 85                | 80              |          |          |
|                     | 4.19 | Overall length                                   | l <sub>1</sub> (mm)  | 1686              | 1756            |          |          |
|                     | 4.20 | Length to face of forks                          | l <sub>2</sub> (mm)  | 536               |                 |          |          |
|                     | 4.21 | Overall width                                    | b <sub>1</sub> (mm)  | 540               | 685             |          |          |
|                     | 4.22 | Fork dimensions                                  | s/e/l (mm)           | 48 / 160 / 1150   | 48 / 160 / 1220 |          |          |
|                     | 4.25 | Distance between fork- arms                      | b <sub>5</sub> (mm)  | 540               | 685             |          |          |
|                     | 4.32 | Ground clearance, centre of wheelbase            | m <sub>2</sub> (mm)  | 37                | 32              |          |          |
|                     | 4.34 | Aisle width for pallets 800X1200 lengthways      | Ast (mm)             | 2156              |                 |          |          |
|                     | 4.35 | Turning radius                                   | Wa (mm)              | 1482              | 1552            |          |          |
| Performance data    | 5.1  | Travel speed, laden/ unladen                     | km/h                 | 4.0/ 4.5          |                 |          |          |
|                     | 5.2  | Lift speed, laden/ unladen                       | m/s                  | 0.030 / 0.053     |                 |          |          |
|                     | 5.3  | Lowering speed, laden/ unladen                   | m/s                  | 0.050 / 0.048     |                 |          |          |
|                     | 5.8  | Max. gradeability, laden/ unladen                | %                    | 4 / 10            |                 |          |          |
|                     | 5.10 | Service brake                                    |                      | Electromagnetic   |                 |          |          |
| Electric- engine    | 6.1  | Drive motor rating S2 60min                      | kW                   | 0.45              |                 |          |          |
|                     | 6.2  | Lift motor rating at S3 10%                      | kW                   | 0.8               |                 |          |          |
|                     | 6.3  | Battery acc. to DIN 43531/ 35/ 36 A, B, C, no    |                      | No                |                 |          |          |
|                     | 6.4  | Battery voltage, nominal capacity K5             | V / Ah               | 2x12V / 45        |                 |          |          |
|                     | 6.5  | Battery weight                                   | kg                   | 28                |                 |          |          |
|                     | 6.6  | Energy consumption acc. to VDI cycle             | kWh/h                | 0.25              |                 |          |          |
| Addition data       | 8.1  | Type of drive control                            |                      | DC speed Control  |                 |          |          |
|                     | 8.4  | Sound level at driver`s ear acc. to EN 12053     | dB(A)                | <70               |                 |          |          |
|                     |      |                                                  |                      |                   |                 |          |          |
|                     |      |                                                  |                      |                   |                 |          |          |