

# PT 25P

**Ideal Selection for Heavy Duty and Long Distance Transportation Operations with Fixed or Foldable Platform**

## INTRODUCTION

With its economic fixed or foldable platform the PT 25P is designed to meet the requirement of high duty transportation operations on long distances and higher travelling speed.

The fixed, very roomy, safe and ergonomic platform is the first choice for intra-logistic transportation on long distances, where on the foldable platform is space saving in narrow aisles.



**Fixed Platform**



**Foldable Platform**

## ADVANTAGES

- Powerful high quality German AC drive unit.
- EPS- Electric steering system.
- High capacity 3PzS battery for long shifts.
- Sideways battery exchange compartment for quick and safe battery exchange.
- Robust and ergonomic design.
- Fixed platform or foldable platform with protective arms.



**AC drive technology**  
Powerful high quality AC drive unit ensures high performance and low maintenance. On ramps the truck not rolls backwards.

**High performance**  
High speed saves time and increases the handling capacity.

**EPS- Electric steering system**  
The EPS supports the operator during the whole day and makes operations more effortless.

**Ergonomic tiller and handholds**  
By travelling with the forks backside, one hand can ergonomically reach the grip, the other holds the tiller. For both left- handed and right handed operators.



**Control elements**  
Key- switch, emergency switch and battery discharge indicator.

**Storage tray**  
Diverse storage areas for stretch foils, documents or clipboards, etc.

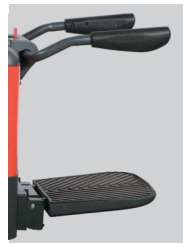


**Sideways battery exchange**  
Sideways battery exchange compartment for quick and safe battery exchange. Because the battery compartment is lifted with the forks, various exchange heights are easy to reach.

**Powerful battery**  
High performance 3PzS DIN-standard battery for long or multi shifts. The battery rollers minimize the forces for exchange. Exchange to the left or right side (selection).



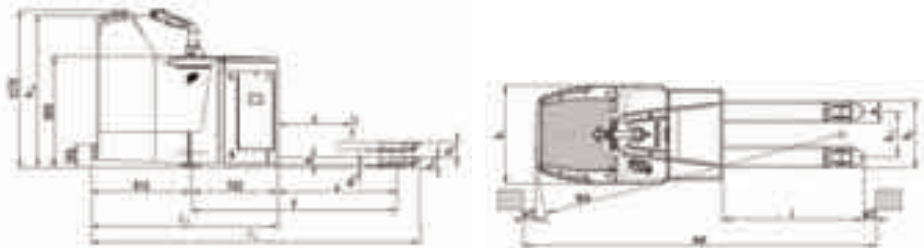
**Ergonomic design**  
Fixed or foldable platform with protective arms. The cushioned platforms ensure safety in all travelling conditions. Roomy, ergonomic and safe fixed platform with rubber bumper.



**Foldable platform**  
Foldable platform for higher flexibility in narrow spaces.

| Type sheet for industrial truck acc. to VDI 2198 1KG=2.2LB 1INCH=25.4MM |      |  |            |                   |                   |
|---|------|--|------------|-------------------|-------------------|
| Distinguishing mark   | 1.2  | Manufacturer's type designation                |            | PT 25P            |                   |
|   | 1.3  | Power(battery,diesel,petrol gas,manual)        |            | Fixed platform    | Foldable platform |
|   | 1.4  | Operator type                                  |            | Stand             | Battery           |
|   | 1.5  | Load Capacity / rated load                     | Q (t)      |                   | Pedestrian(Stand) |
|   | 1.6  | Load Capacity / rated load                     | Q (t)      | 2.5               |                   |
| Weight  | 1.6  | Load centre distance                           | c (mm)     | 600               |                   |
|   | 1.8  | Load distance, centre of drive axle to fork    | x (mm)     | 965               |                   |
|   | 1.9  | Wheelbase                                      | y (mm)     | 1595              |                   |
|   | 2.1  | Service weight                                 | kg         | 1085              | 950               |
|   | 2.2  | Axle loading, laden front/rear                 | kg         | 1555/2030         | 1370/2090         |
| Tyres, chassis  | 2.3  | Axle loading, unladen front/ rear              | kg         | 885/200           | 730/220           |
|   | 3.1  | Tires  |            | Polyurethane (PU) |                   |
|   | 3.2  | Tire size, front                               | Ø x w (mm) | Ø82X82            |                   |
|   | 3.3  | Tire size, rear                                | Ø x w (mm) | Ø250X82           |                   |
|   | 3.4  | Additional wheels (dimensions)                 | Ø x w (mm) | Ø124X80           |                   |
|   | 3.5  | Wheels, number front/ rear(x=driven wheels)    |            | 1x+2/4            |                   |
|   | 3.6  | Tread, front                                   | b10 (mm)   | 530               |                   |
| Dimensions  | 3.7  | Tread, rear                                    | b11 (mm)   | 367/512           |                   |
|   | 4.4  | Lift height                                    | h3 (mm)    | 120               |                   |
|   | 4.9  | Height of tiller in drive position min. / max. | h14 (mm)   | 1235              | 1005/1445         |
|   | 4.15 | Height, lowered                                | h13 (mm)   | 85                |                   |
|   | 4.19 | Overall length                                 | l1 (mm)    | 2667              | 2122              |
|   | 4.20 | Length to face of forks                        | l2 (mm)    | 1516              | 971               |
|   | 4.21 | Overall width                                  | b1 (mm)    | 790               |                   |
|   | 4.22 | Fork dimensions                                | s/e/l (mm) | 60/173/1150       |                   |
|   | 4.25 | Distance between fork-arms                     | b5 (mm)    | 540/685           |                   |
|   | 4.32 | Ground clearance, centre of wheelbase          | m2 (mm)    | 25                |                   |
| Performance data  | 4.33 | Aisle width for pallets 1000 x 1200 crossways  | Ast (mm)   | 3084              | 2550              |
|   | 4.34 | Aisle width for pallets 800X1200 lengthways    | Ast (mm)   | 2945              | 2410              |
|   | 4.35 | Turning radius                                 | Wa (mm)    | 2520              | 1980              |
|   | 5.1  | Travel speed, laden/ unladen                   | km/h       | 9/12              | 9.5/12.5          |
|   | 5.2  | Lift speed, laden/ unladen                     | m/s        | 0.038/0.058       |                   |
|   | 5.3  | Lowering speed, laden / unladen                | m/s        | 0.050/0.048       |                   |
|   | 5.8  | Gradeability, laden/ unladen                   | %          | 8/10              | 8/15              |
|   | 5.10 | Service brake                                  |            | Electromagnetic   |                   |
| Electric- Motor   | 6.1  | Drive motor rating S2 60min                    | kW         | 2.9               |                   |
|   | 6.2  | Lift motor rating at S3 10%                    | kW         | 2.2               |                   |
|   | 6.3  | Battery acc. to DIN 43531 /35 / 36 A, B, C, no |            | B, 3PzS           |                   |
|   | 6.4  | Battery voltage, nominal capacity K5           | V/Ah       | 24/ 375           |                   |
|   | 6.5  | Battery weight (minimum)                       | kg         | 300               |                   |
|   | 6.6  | Energy consumption acc. to VDI cycle           | kWh/h      | 1.83              | 1.75              |
| Additional data   | 8.1  | Type of drive control                          |            | AC- Speed Control |                   |
|   | 8.4  | Sound level at driver's ear acc. to EN 12053   | dB(A)      | 69                |                   |

**PT 25P Fixed**



**PT 25P Foldable**

