anton
BY JUNGHEINRICH




# Electric pedestrian pallet truck

## PTL 1.5

Lift height: 105 mm / Load capacity: 1500 kg

li-ion

# PTL 1.5

## A pallet truck for every situation.

### Ideal for use in warehouses, outdoors or on HGVs.

The AntOn by Jungheinrich PTL 1.5 is an entry-level model that has everything you need for your daily work – the electric pallet truck is compact and easy to operate.
In the warehouse, at the shop or on the HGV: the PTL 1.5 adapts flexibly to a wide range of tasks – doing exactly what you expect of it.

Equipped with modern lithium-ion technology, well-thought-out functions and selectable fork lengths, it will swiftly become a reliable all-rounder. If you require longer operating times, the PTL 1.5 can be equipped with a second removable battery for additional power.

Designed for robust and reliable daily operation, it impresses with both its performance and its short delivery times. And all this at a price that makes it a smart choice for every situation – whether for newcomers or as an addition to your existing fleet.

### All benefits at a glance

- Entry-level model with strong base functionality.
- Lithium-ion technology for rapid charging and consistent performance.
- High spare parts availability provides reduced downtime.
- Always robust, reliable and flexible.
- Quickly available to meet urgent demand.

### Versatile

One truck for every task – maximum flexibility.

- The perfect addition for various transport jobs with different fork widths.
- Equipment options for special requirements: stabilising wheels for more safety over uneven ground. Second battery socket for greater availability.
- Compact design – ideal for use on HGVs and precise manoeuvring in confined spaces.

### Straightforward

Built for function and simplicity.

- Easy to use and handle – suitable for all staff.
- External charger for rapid booster charging.
- Effortless battery exchange thanks to practical plug-in system.
- Simple self-service with video guides.

### Cost-effective

Strong performance at a smart price.

- Cost-effective to buy and operate.
- Enduring power with up to 2 x 24 V to 20 Ah removeable lithium-ion batteries.
- Reduces physical strain on the operator and improves workplace efficiency.
- Robust and durable technology ensures reliable operation.
- One truck. Many applications.

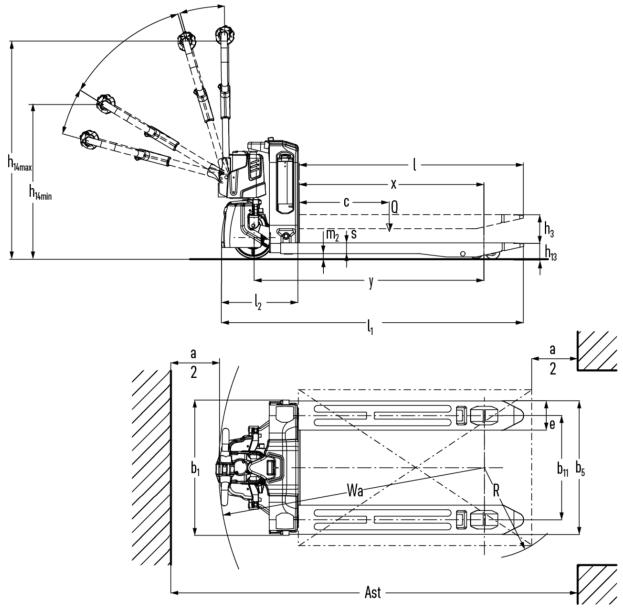
# VDI table

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Characteristic | 1.1 | Manufacturer (abbreviated description) | | Jungheinrich | | | | |
| | 1.2 | Manufacturer's type designation | | PTL 1.5 (560x1,150 mm) | PTL 1.5 (685x1,150 mm) | PTL 1.5 (560x1,150 mm, support wheel) | PTL 1.5 (560x1,150 mm, support wheel, 2B) | PTL 1.5 (685x1,150 mm, support wheel) |
| | 1.3 | Drive type | | electric | | | | |
| | 1.4 | Operation | | Pedestrian | | | | |
| | 1.5 | Load capacity/load | Q kg | 1500 | | | | |
| | 1.6 | Load centre distance | c mm | 600 | | | | |
| | 1.8 | Load distance, centre of drive axle to fork | x mm | 950 | | | | |
| | 1.9 | Wheelbase | y mm | 1180 | | | | |
| Weights | 2.1.1 | Service weight (incl. battery) | kg | 112 | 115 | 117 | | 120 |
| | 2.2 | Axle load laden front/rear | kg | 477 / 1135 | 478 / 1137 | 477 / 1135 | | 478 / 1137 |
| | 2.3 | Axle load unladen front/ rear | kg | 84 / 28 | 86 / 29 | 84 / 28 | | 86 / 29 |
| Wheels/chassis | 3.1 | Tyres | | Polyurethane (PU) | | | | |
| | 3.2 | Tyre size, front | | Ø210 x 70 | | | | |
| | 3.3 | Tyre size, rear | | Ø80 x 61 | | | | |
| | 3.4 | Additional wheels | | - | | Ø74 x 30 | | |
| | 3.5 | Wheels, number front/ back (x=driven) | | 1x + - / 4 | | 1x + 2 / 4 | | |
| | 3.7 | Tread width, rear | b11 mm | 410 | 535 | 410 | | 535 |
| Basic dimensions | 4.4 | Lift (h3) | h3 mm | 105 | | | | |
| | 4.9 | Height of tiller handle in drive position min./max. | h14 mm | 645 / 1145 | | | | |
| | 4.15 | Height, lowered | h13 mm | 82 | | | | |
| | 4.19 | Total length | l1 mm | 1550 | | | | |
| | 4.20 | Length including fork shank | l2 mm | 400 | | | | |
| | 4.21.1 | total width | b1 mm | 590 | 695 | 590 | | 695 |
| | 4.22 | Fork dimensions | s/ e/l mm | 55 x 150 x 1150 | | | | |
| | 4.25 | Width across forks | b5 mm | 560 | 685 | 560 | | 685 |
| | 4.32 | Ground clearance centre of wheelbase | m2 mm | 27 | | | | |
| | 4.34.1 | Aisle width (pallet 1000×1200 sideways) | Ast mm | 2160 | | | | |
| | 4.34.2 | Aisle width (pallet 800x1200 length) | Ast mm | 2025 | | | | |
| | 4.35 | Turning radius | Wa mm | 1360 | | | | |
| Performance data | 5.1 | Travel speed laden/ unladen | km/h | 4 / 4.5 | | | | |
| | 5.2 | Lift speed laden/unladen | m/s | 0.02 / 0.02 | | | | |
| | 5.3 | Lowering speed laden/ unladen | m/s | 0.06 / 0.04 | | | | |
| | 5.8 | Max. gradeability laden/ unladen | % | 6 / 16 | | | | |
| | 5.10 | Service brake | | electromagnetic | | | | |

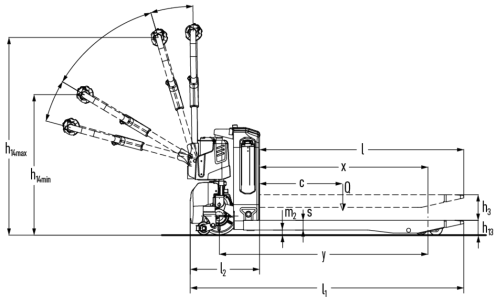
| | | | | |
|---|---|---|---|---|
| Electric motor/electronics | 6.1 | Drive motor, performance S2 60 min | kW | 0.75 |
| | 6.2 | Lift motor, performance with S3 | kW | 0.5 |
| | 6.4 | Battery voltage/nominal capacity | V / Ah | 24 / 20 |
| | 6.5 | Battery weight | kg | 5 |
| | 6.6.1 | Energy consumption according to EN cycle | kWh/h | 0.18 |
| | 6.6.2 | CO2 equivalent according to EN ISO 23308 | kg/h | 0.1 |
| | 6.7 | Throughput | t/h | 60 |
| | 6.8 | Turnover efficiency according to VDI 2198 | t/kWh | 333.33 |
| Other | 8.1 | Type of drive control | | Impulse/DC |
| | 10.7 | Sound pressure level according to EN12053 | dB (A) | 74 |

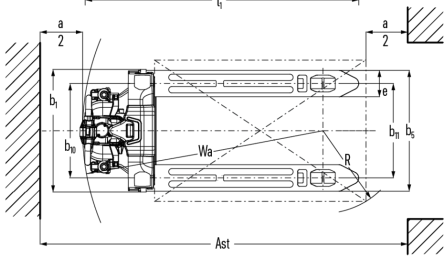
- This data sheet according to VDI guideline 2198 only states the technical values of the standard truck. Different tyres, other masts, additional equipment etc. may result in different values.

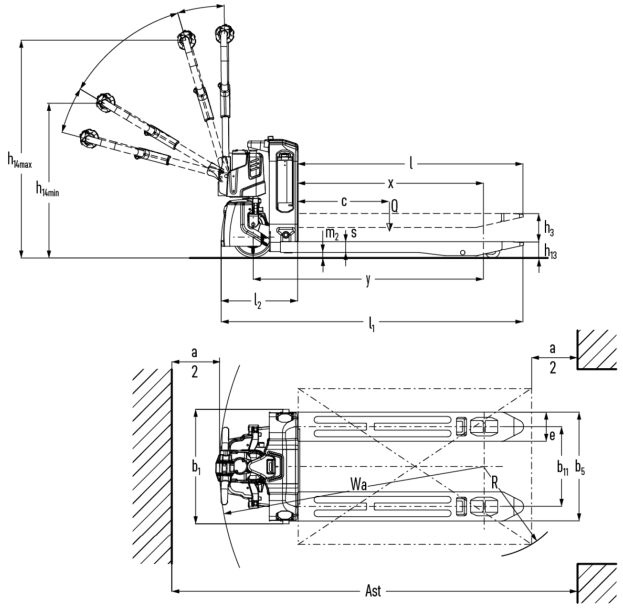
# Appendix


h14max
h14min
l
x
c
Q
m2 + s
h3
h13
y
l2
l1

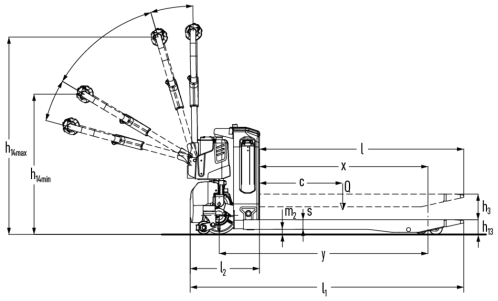

a
2
a
2
e
b1
b11
b5
Wa
R
Ast

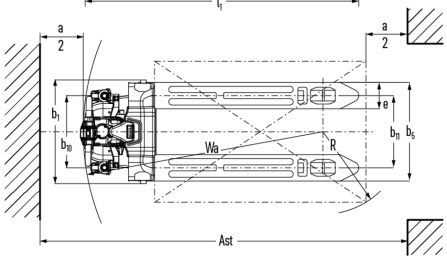

h14max
h14min
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x
c
Q
m2 + s
h3
h13
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l1


a
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Ast


h14max
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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.

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