

Tailor-made material handling equipment since 1897



# Air Cargo Pallet Trucks

- Load capacities from 5 - 8 tons
- Customizable fork configuration
- Variety of control options

# General characteristics

The PTB Air Cargo Pallet Truck is built for highly efficient handling of air freight. Each fork configuration is tailored to handle your ULDs safely and efficiently. The truck is battery-powered and comes with a maintenance-free electric motor. This means zero emissions. Choose an operator mode that fits you best.

## Optional: stand-in control

- Driver sideways positioned
- Two-hand control system
- Foldable seat
- Increased legroom
- Digital display
- Driving direction indicator



## Battery powered

- Lead acid
- **Lithium-ion**

# Zero emissions Tailor-made High load capacity



## Compact drive module

- Maintenance-free AC drive motor(s)
- Easy-access for maintenance

## Fork configuration

- Polyurethane wheels
- Low initial height
- Customizable
- Up to 8000 kg capacity



# Technical specifications

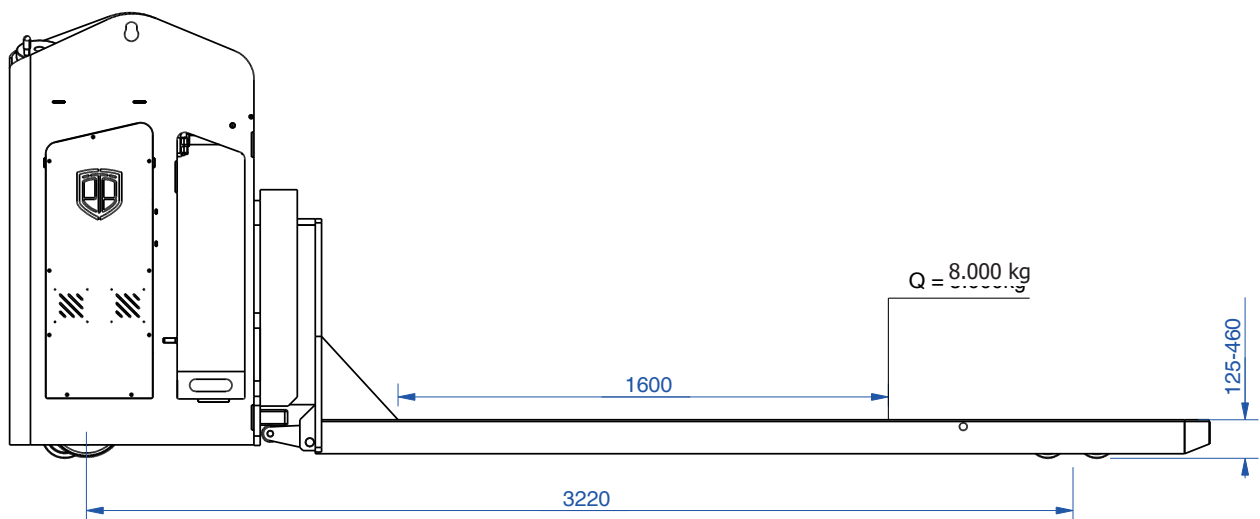
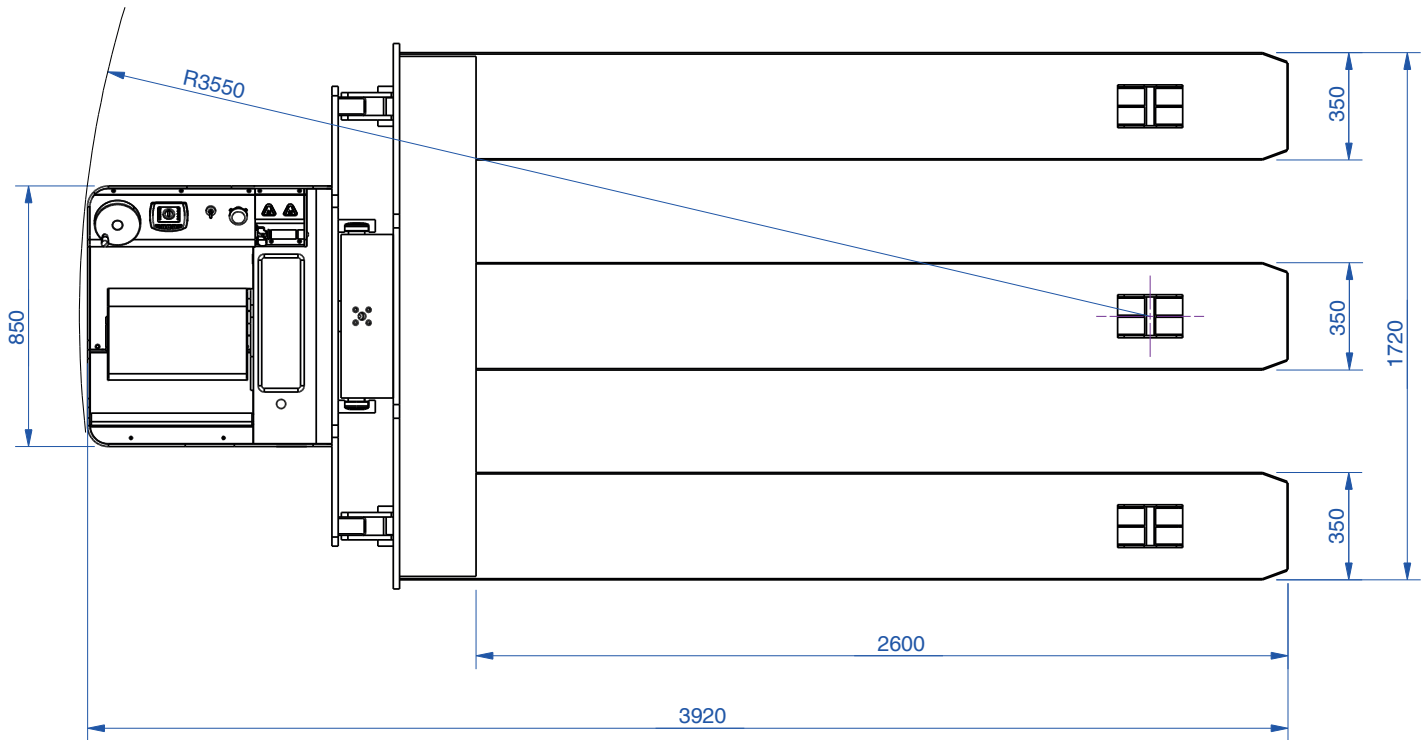
Please note that these specifications are subject to change. These specifications are based on an 8-tons model with stand-in driving module. Different operation methods affect the specifications.

Specification		Unit	EPC80S
Capacity	Q	kg	8000
Load center distance	X	mm	1600
Lifting system			Hydraulic
Driving speed		km/h	0 - 6
Lifting & lowering			Electronically
Fork length		mm	2600
Fork width		mm	350
Fork spread		mm	1720
Number of forks			3
Initial height forks		mm	125
Lifting stroke		mm	335
Lifting height		mm	460
Driving module width		mm	850
Overall length		mm	3920
Turning radius	R	mm	3550
Number of driving wheels			1
Driving wheel material			Polyurethane
Number of stabilizing wheels			1
Stabilizing wheel material			Polyurethane
Number of load wheels			12
Load wheel material			Polyurethane
Battery type			Lead-acid
Battery capacity		Ah	620
Battery voltage		V	48
Battery charger			External

## Standard

- Maintenance-free AC-motor
- Key switch
- Digital display with:
  - Hour meter
  - MDI-indicator
- Automatic speed reduction in corners
- Programmable driving speed
- Automatic electronic parking brake
- Regenerative braking system
- Manual in English language
- Parts manual
- RAL 5002 & RAL 9017
- Parallel lifting system
- Steering angle lock or endless steering



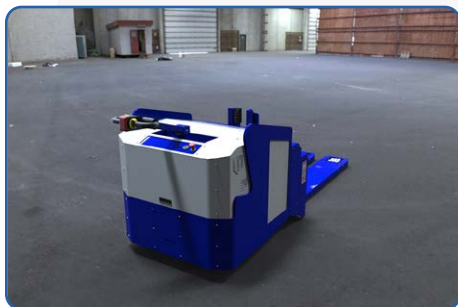


## Options

- Weighing system integrated in forks
- Variety of operator modes (next page)
- **Lithium-ion battery** with charger
- Fork height indicator
- Various warning lights
- Sound signal during driving
- LOTO (lock-out-tag-out)
- Lateral battery changing system
- Camera systems
- Sensors for obstacle detection
- Various wheel materials
- 230 V one-phase charger
- Different color scheme

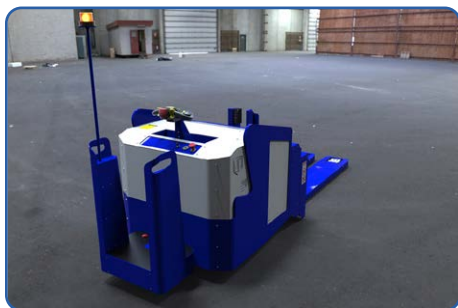
# Operation methods

Finding a method to move your goods safely and efficiently is the starting point of every material handling project. The next step is to choose an operation method for the device. A variety of options is available, ranging from the traditional walk along operation by controlling the device by means of a tiller-handle. For (semi) autonomous solutions, please consult our material handling specialists. PTB offers remote controls and AGV configurations.



## Walk along

The operator handles the device by means of a tiller handle, while walking behind or adjacent to the machine. This operation method is ideal for frequent and short-term movement over short distances.



## Ride-on

For short and medium distances, the standing platform in combination with a tiller-handle is the ideal mode of operation. The operator can quickly embark and disembark the vehicle.



## Stand-on

With the stand-on mode, the operator stands within the chassis and operates the device from a sideways position by using a steering wheel. This is the safest method for operating trucks in a standing position.



## Sit-on

From a comfortable seat, the operator drives the device by using a steering wheel. The seat is positioned sideways, for optimal visibility during manoeuvring forwards and backwards. Choose this method for long-range transportation of goods.



## Combination

The operator can choose to stand or sit when using the device. The seat is retractable and can be folded and used as a back-rest when standing, and folded into a seat. This method is ideal when transporting goods on both long and short distances.



# Soaring Lift Height



# Compact & Comfortable





PTB Special Products designs and constructs custom material handling equipment for the transportation of heavy pallets, cargo, equipment and machines. PTB has been active in the world of producing industrial equipment since its founding in 1897. The company is family-owned, and is based in Groningen (NL), with two separate facilities.

For more information please visit our website:  
[ptbspecial.com](http://ptbspecial.com)