Innovative lithium-ion technology

Compact and manoeuvrable thanks to very short chassis length

Low overall weight

Simple and intuitive battery handling

Rapid charging and boosting charges ensure high uptimes

EJE 112i

Electric pedestrian pallet truck (1,200 kg)

The EJE 112i combines the sturdiness and efficiency of electric pedestrian pallet trucks with the advantages of lithium-ion technology. This makes them even more attractive for conventional applications and especially use on HGVs.
The main advantage lies in the design of the battery and the considerably smaller battery compartment. This makes it possible to achieve a minimum chassis length (l2) of just 425 mm and to cut the overall weight of the truck including battery down to only 315 kg (with a residual capacity of 1200 kg). As a result, the truck is much easier to use in confined spaces and weight-sensitive areas, such as on the tailgate. This is made possible through use of the very latest lithium-ion technology. The battery weighs just over 14 kg and is shaped like a briefcase, thus ensuring easy, ergonomic and intuitive battery handling. Its design enables the battery to be easily removed laterally from the truck.The rapid charge and boosting charge features, which use a charger specially developed for this purpose, facilitate flexible usage even in multi-shift operation.
With other truck models, the battery is permanently integrated into the truck. In conjunction with a built-in charger, the truck can be charged at any standard mains socket. The maintenance-free battery ensures maximum availability. Interaction between the individual battery cells is monitored by the integrated Jungheinrich battery management system, ensuring safe and reliable operation.
The EJE 112i is based on proven, long-life components in the Jungheinrich EJE series 116-120.

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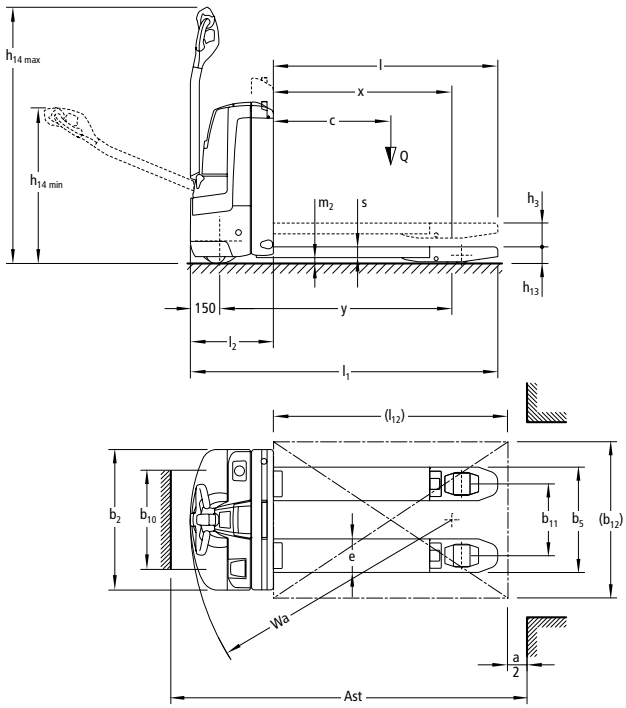
EJE 112i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Technical data in line with VDI 2198

Identification	1.1	Manufacturer (abbreviation)			Jungheinrich
	1.2	Model			**EJE 112i**
					integrated battery
	1.3	Drive			Electric
	1.4	Manual, pedestrian, stand-on, seated, order picker operation			pedestrian
	1.5	Load capacity/rated load	Q	t	1.2
	1.6	Load centre distance	c	mm	600
	1.8	Load distance	x	mm	911
	1.9	Wheelbase	y	mm	1,186
Weights	2.1.1	Net weight incl. battery (see row 6.5)		kg	315
	2.2	Axle load with load front/rear		kg	557 / 958
	2.3	Axle load without load front/rear		kg	246 / 69
Wheels / frame	3.1	Tyres			PU / PU
	3.2	Tyre size, front		mm	Ø 230 x 70
	3.3	Tyre size, rear		mm	Ø 85 x 110 / 85 x 85
	3.4	Additional wheels (dimensions)		mm	Ø 100 x 40
	3.5	Wheels, number front/rear (x = driven wheels)			1x 2/2
	3.6	Tread width, front	b_{10}	mm	508
	3.7	Tread width, rear	b_{11}	mm	368
Basic dimensions	4.4	Lift	h_3	mm	122
	4.9	Height of tiller in drive position min. / max.	h_{14}	mm	797 / 1,313
	4.15	Height, lowered	h_{13}	mm	85
	4.19	Overall length	l_1	mm	1,575
	4.20	Length to face of forks	l_2	mm	425
	4.21	Overall width	b_1/b_2	mm	720 / 720
	4.22	Fork dimensions	s/e/l	mm	55 / 172 / 1,150
	4.25	Width across forks	b_5	mm	540
	4.32	Ground clearance, centre of wheelbase	m_2	mm	30
	4.33	Aisle width for pallets 1000 × 1200 sideways	Ast	mm	1,762
	4.34	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	1,855
	4.35	Turning radius	W_a	mm	1,370
Perform-ance data	5.1	Travel speed, laden/unladen		km/h	6 / 6
	5.2	Lift speed, laden/unladen		m/s	0.04 / 0.05
	5.3	Lowering speed, laden/unladen		m/s	0.05 / 0.05
	5.7	Gradeability laden/unladen		%	10 / 20
Electrics	6.1	Drive motor, output S2 60 min.		kW	1.0
	6.2	Lift motor rating at S3 10%		kW	1.2
	6.3	Battery as per DIN 43531 /35/36 A, B, C, no			no
	6.4	Battery voltage/nominal capacity K5		V/Ah	24 / 40
	6.5	Battery weight		kg	14
Misc.	8.1	Type of drive control			AC SpeedControl
	8.4	Sound pressure level at operator's ear as per EN 12053		dB (A)	70

In accordance with VDI Guideline 2198 this specification sheet provides details of the standard truck only. Non-standard tyres, different masts, optional equipment, etc. may result in different values.

Benefit from the advantages

Battery case 40 Ah

Sideways battery removal

Integrated charger

Innovative Li-ion technology

The EJE 112i combines the robustness and cost-effectiveness of the electric pedestrian pallet truck with the advantages of lithium-ion technology:

- Short, manoeuvrable truck.
- Handy, light battery case for fast, ergonomic battery exchange.
- Short charge times: For the first time, as standard, the battery can be charged faster than discharged.
- Boost charging: The battery is able to receive a significant amount of capacity even in short breaks.
- The Jungheinrich battery management system ensures optimum usage.

Small, compact truck

With its extremely short chassis length, the EJE 112i features high productivity in confined areas. This makes the EJE 112i extremely compact and easy to steer in confined areas.

- Chassis length (l2 dimension) only 425 mm.
- Shunting with the tiller upright at reduced speed.
- Only 315 kg overall weight including battery.

Simple and intuitive battery handling

The EJE 112i is available with two different charging concepts:

With the model for lateral battery exchange, the suitcase-sized battery with integrated carrying handles can easily be changed:

- Drawer in the truck makes it easy to insert the battery
- The battery drawer opens at the touch of a button
- Convenient battery exchange thanks to lightweight battery weighs only approx. 14 kg
- Battery charge compartment integrated into the charger

With the second model, the battery is already a permanent part of the truck. The standard built-in charger enables the battery to be charged in a very short time at any standard 13 Amp plug socket. The boosting charge capacity of the lithium-ion battery means that every break can be used to recharge the battery, thereby completely eliminating the need for a battery replacement.

Maintenance-free battery

The lithium-ion battery is maintenance-free. Labour costs for the maintenance which would be required for lead-acid batteries are also eliminated, as well as the expense of extensive charging infrastructure (charging rooms, ventilation, etc.).

Ideal conditions for ergonomic working

The tiller head is optimally designed to the ergonomic needs of the operator:

- Clear system of colour coding and buttons with wear-resistant icons for intuitive operation.
- Grip position ideally suited to the operator's hand posture.
- Crawl speed button underneath the tiller head for easy access and traveling with the tiller upright.
- Non-contact sensor system with IP 65 protection, giving higher reliability.
- Rocker switch for consistent operation in all tiller positions.

Proven truck technology

AC Technology ensures a significant long-term reduction in operating costs:

- Maintenance-free AC technology drive motor with no carbon brushes.
- One-piece front panel with just two screws for easy access to all parts.
- Excellent protection against dust and humidity through IP 54 enclosure of controller and plugs.
- ProTracLink ensures reduced castor wheel wear when approaching ramps at an angle. The two castor wheels are mechanically linked which keeps them both at the same height, giving the truck high stability.

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The German production facilities in Norderstedt, Moosburg and Landsberg are certified. ISO 9001 ISO 14001

Jungheinrich fork lift trucks meet European safety requirements. CE

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