

Robust and powerful

Outstanding driving stability

ProTracLink



EJE 222/225

Electric pedestrian pallet truck (2,200/2,500 kg)

The EJE Series 2 pallet trucks are extremely powerful. They are ideal for use when maximum throughput is required: Especially during the loading and offloading of HGVs over ramps, in continuous operations with heavy loads, in 2-shift or even 3-shift operations.

The EJE impresses with a whole range of advantages, such as its outstanding throughput, thanks to its powerful 3-phase AC drive motor. The EJE also convinces with its high residual capacities and a powerful lift motor. Its durable frame enables it to meet the highest operational demands. State-of-the-art control electronics ensure easy and precise handling.

Batteries up to 375 Ah in combination with excellent energy

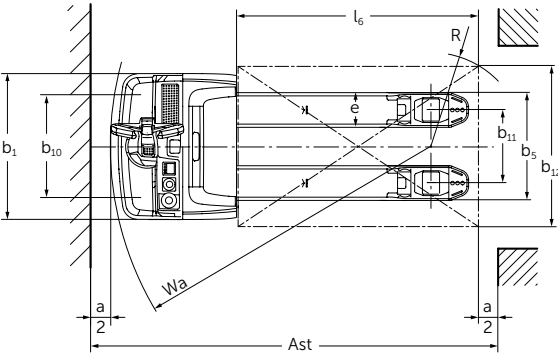
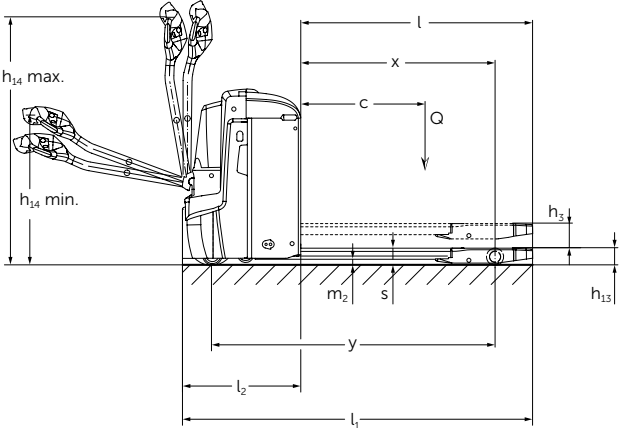
management ensure long operating times. The lateral battery exchange (optional) facilitates operations over several shifts.

Safe operation facilitated by the low-mounted, long tiller. It provides the necessary distance between operator and truck. This is particularly beneficial when cornering. The optional foot protection tiller ensures safe operation in confined spaces. The crawl speed button also facilitates safe travel with the tiller in the upright position.

The multi-functional tiller arm is full of innovations: Sealed sensor system (IP 65) for maximum breakdown protection, rocker switches with contactless electronics for precise operation in any tiller position, ergonomically arranged switches.

 **JUNGHEINRICH**

EJE 222/225



Technical data in line with VDI 2198

				Jungheinrich		
Identification	1.1	Manufacturer (abbreviation)		EJE 222		
	1.2	Model		EJE 225		
	1.3	Drive		Electric		
	1.4	Manual, pedestrian, stand-on, seated, order picker operation		pedestrian		
	1.5	Load capacity/rated load	Q	t	2.2	2.5
	1.6	Load centre distance	c	mm	600	
	1.8	Load distance, centre of drive axle to fork	x	mm	908 ⁴⁾	
	1.9	Wheelbase	y	mm	1,351 / 1,423 ⁴⁾	1,351 ¹⁾⁴⁾
	Weights	2.1.1	Net weight incl. battery (see row 6.5)		535	
2.2		Axle loading, laden front/rear		879 / 1,870	970 / 2,072	
2.3		Axle loading, unladen front/rear		408 / 127		
Wheels / frame	3.1	Tyres		PU / PU		
	3.2	Tyre size, front		Ø 230 x 70		
	3.3	Tyre size, rear		Ø 85 x 110		
	3.4	Additional wheels (dimensions)		Ø 100 x 40		
	3.5	Wheels, number front/rear (x = driven wheels)		1x +2 / 2		
	3.6	Tread width, front	b ₁₀	mm	510	
	3.7	Tread width, rear	b ₁₁	mm	363	
Basic dimensions	4.4	Lift		122		
	4.9	Height of tiller in drive position min. / max.		750 / 1,237		
	4.15	Height, lowered		85		
	4.19	Overall length		1,737 ¹⁾	1,737	
	4.19.1	Overall length (long)		1,809		
	4.20	Length to face of forks		587 / 659 ¹⁾		
	4.21	Overall width		724		
	4.22	Fork dimensions		55 / 172 / 1,150		
	4.25	Width across forks		535		
	4.32	Ground clearance, centre of wheelbase		30		
	4.33	Aisle width for pallets 1000 x 1200 crossways		2,338 ¹⁾³⁾		
4.34	Aisle width for pallets 800 x 1200 lengthways		2,227 ¹⁾²⁾			
4.35	Turning radius		1,532 ¹⁾⁴⁾			
Performance data	5.1	Travel speed, laden/unladen		6 / 6		
	5.2	Lift speed, laden/unladen		0.05 / 0.07		
	5.3	Lowering speed, laden/unladen		0.05 / 0.04		
	5.8	Max. gradeability, laden/unladen		8 / 20		
	5.10	Service brake		regenerative		
Electrics	6.1	Drive motor, output S2 60 min.		1.7		
	6.2	Lift motor, output at S3 10%		2.2		
	6.3	Battery as per DIN 43531/35/36 A, B, C, no		B		
	6.4	Battery voltage/nominal capacity K5		24 / 250		
	6.5	Battery weight		220		
	6.6	Energy consumption as per EN 16796		kWh/h	0.35	0.37
		CO- Equivalent as per EN 16796		kg/h	0.2	
	6.7	Throughput		123	148	
6.8	Energy consumption at max. throughput		0.77	0.82		
Misc.	8.1	Type of drive control		AC speedCONTROL		
	8.4	Sound pressure level at operator's ear as per EN 12053		70		

¹⁾ Lateral battery exchange (LBE): M LBE = L; L LBE = L + 53 mm

²⁾ Load section lowered: + 25 mm

³⁾ Load section lowered: + 50 mm

⁴⁾ Load section lowered: + 56 mm

Benefit from the advantages



Ergonomic tiller arm



Built-in charger (optional)



Increased visibility with reflectors (EJE 222/225)



Entry aids and marking on forks

Robust design for the toughest applications

- 7-mm high-grade steel apron on the front of the frame.
- High residual capacities due to reinforced fork construction.
- Suspended drive transmission (only EJE 235) compensates for shocks under heavy load conditions.
- Two-year warranty on the drive motor.

Long operating times available with lead-acid battery

- The energy-saving 3-phase AC technology, combined with battery capacities of up to 375 Ah, enables long operating times.
- Multi-shift operation with the optional lateral battery exchange.

Fully informed at all times

- Optional 2-inch display as the main display and setting instrument offers the user the necessary overview at a glance:
- Battery discharge status, number of operating hours, error codes and a selection of 3 travel programs.
 - Activation of the truck by key or by softkey, PIN code or transponder card (optional).

Optimum cornering

Sprung and cushioned support wheels linked via the ProTracLink torsion bar distribute stabilising forces dependent on travel conditions:

- Perfect for use on loading ramps as well as for loading/unloading HGVs.

Work ergonomically

The tiller arm is perfectly adapted to the ergonomic needs of the operator:

- A clear colour coding system and buttons with abrasion resistant symbols for intuitive operation.
- Crawl speed button on the underside of the tiller arm for quick access and easy operation with the tiller in the vertical position.
- Non-contact sensor system with IP 65 protection, hence lowest risk of breakdown.
- Rocker switch for consistently good operation in all tiller positions.
- 4-stage speed tiller for optimum foot protection (optional).

Lower maintenance costs

3-phase AC technology ensures significant and long-term reduction in operating costs:

- Maintenance-free 3-phase AC drive motor.

- Easy access to all components through one-piece front cover secured by only 2 screws.
- Protection, e.g. against dust and humidity through enclosure of controller and plugs in accordance with IP 54.
- Patented ProTracLink: Automatic level equalisation ensures reduced castor wheel wear when approaching ramps at an angle.
- Wide drive wheel and wide support wheels of the torsion bar (optional) ensure a safe ride, even on longitudinal joints (e.g. cold store trailers).

Additional equipment

- Load guard.
- Cold store version.
- Built-in charger.
- silentDRIVE for quiet operation.

Lithium-ion technology

- High degree of availability thanks to extremely short charging times.
- No battery exchange required.
- Cost savings due to longer service life and low maintenance compared with lead-acid batteries.
- No charging rooms and ventilation required as there is no build up of gas.
- Longer service life with 5-year Jungheinrich guarantee.

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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.



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