

24 Volt 3-phase AC technology for high performance and excellent reliability

Ideal for continuous use and heavy load applications due to robust chassis design

Easily maneuvered with the handle in the vertical position by pressing the crawl-speed button

Excellent travel stability with optional ProTracLink caster system

Multi-shift operation due to side battery extraction (available on EJE 225 E version only)



EJE 225

Electric Walkie Pallet Truck (6000 lbs.)

The EJE 225 electric walkie pallet truck is specifically suited for intensive, high capacity, multi-shift applications, such as high volume distribution, ramp loading and heavy goods transport.

The key advantages:

- Innovative 1.6 kW, 3-phase AC drive motor for powerful acceleration and high speeds.
- Rugged chassis and load section for heavy-duty operation.
- Brake is automatically applied whenever travel is not requested, preventing unintentional ramp rollback.
- Advanced controllers for easy operation and greater efficiency.
- Excellent energy management results in lower operating costs.
- Industrial batteries provide longer operating times.

There are several ergonomic advantages as well. The long, low-mounted control handle

maximizes the distance between the operator and the truck, ensuring the highest degree of security for the user at all times during normal operation. If space is at a premium, the standard crawl-speed button allows for maneuvering in tight areas with the handle in the vertical position. To activate, simply depress the crawl-speed button and the brake is released automatically, allowing controlled travel at a reduced speed.

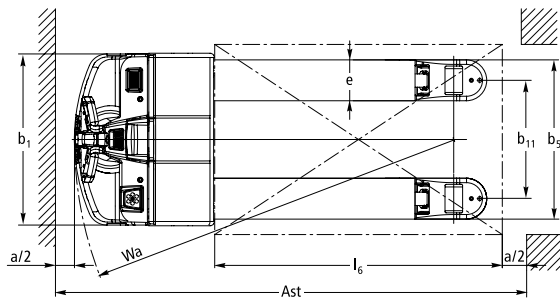
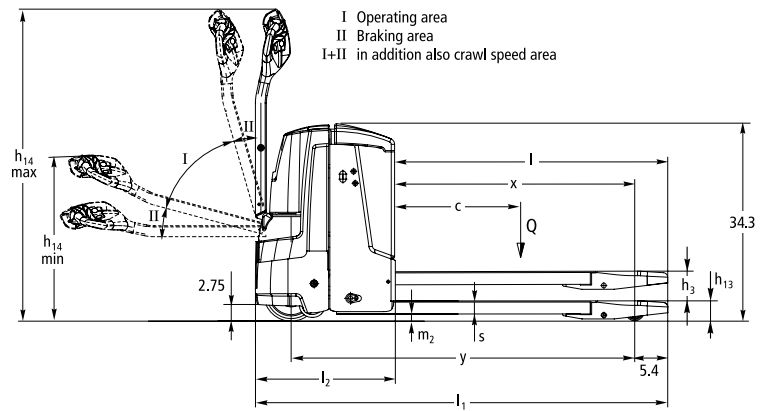
A completely redeveloped handle head offers the operator a unique, state-of-the-art design. The raise and lower controls on each side of the handle are combined into a single, contactor-less rocker switch. This ergonomically-arranged design allows the operator to raise and lower the forks with the handle in virtually any position. Additionally, the handle head features an IP (ingress protection) rating of 65, effectively sealing out dirt or moisture and prolonging component life.

The EJE 225 is available with two different battery compartment sizes. The medium compartment version is ideal for high use, 1-shift to 2-shift applications and accommodates industrial batteries up to 255 Ah. Its short turning radius allows the truck to easily maneuver in confined spaces. The optional 30 A integrated charger allows for on-the-go charging at any standard 110/120 Volt power outlet.

The large compartment version (EJE 225 E) accepts end-rider style industrial batteries up to 750 Ah. When combined with the side battery extraction option and Jungheinrich's innovative 3-phase AC technology, nearly unlimited operation is possible.



EJE 225



Technical Data

as of: 01/2010

Characteristics	1.1	Manufacturer	Jungheinrich	Jungheinrich	1.1	
	1.2	Manufacturer's type designation	EJE 225	EJE 225 E	1.2	
			medium compartment	large compartment		
	1.3	Drive	electric	electric	1.3	
	1.4	Type of operation	walkie	walkie	1.4	
	1.5	Load capacity / rated load	Q (lbs)	6000	6000	1.5
	1.6	Load center distance	c (inches)	24	24	1.6
	1.8	Load distance, center of load axle to fork face	x (inches)	37.8 ¹⁾	37.8 ¹⁾	1.8
	1.9	Wheelbase	y (inches)	55.8 ¹⁾	61.7 ¹⁾	1.9
Weights	2.1	Service weight incl. battery (see line 6.5)	lbs	837	2091	2.1
	2.2	Axle loading, loaded front / rear	lbs	2400 / 4900	3540 / 4976	2.2
	2.3	Axle loading, unloaded front / rear	lbs	1020 / 280	1955 / 562	2.3
Wheels/Chassis	3.1	Tires	PU (polyurethane)	PU (polyurethane)	3.1	
	3.2	Tire size, front	inches	9.1 x 2.8	9.1 x 2.8	3.2
	3.3	Tire size, rear	inches	3.3 x 4.3	3.3 x 5.5	3.3
	3.4	Additional wheels (dimensions)	inches	3.9 x 1.6	3.9 x 1.6	3.4
	3.5	Wheels, number front / rear (x = driven wheels)		1x +2	1x +2	3.5
	3.6	Track width, front	b ₁₀ (inches)	20	20	3.6
	3.7	Track width, rear	b ₁₁ (inches)	14.5 / 19.6	18.4	3.7
Dimensions	4.4	Lift height	h ₃ (inches)	4.8	4.8	4.4
	4.9	Handle height in drive position, min / max	h ₁₄ (inches)	31.7 / 52.0	31.7 / 52.0	4.9
	4.15	Lowered fork height	h ₁₃ (inches)	3.25	3.25	4.15
	4.19	Overall length	l ₁ (inches)	70.0	75.9	4.19
	4.20	Length to fork face (headlength)	l ₂ (inches)	24.9	30.8	4.20
	4.21	Overall width	b ₁ (inches)	28.5	33.4	4.21
	4.22	Fork dimensions	s / e / l (inches)	2.2 / 6.8 / 45.3	2.2 / 8.0 / 45.3	4.22
	4.25	Overall fork width	b ₅ (inches)	26.4 / 21.3	26.4	4.25
	4.32	Ground clearance, center of wheelbase	m ₂ (inches)	1.1	1.1	4.32
	4.34	Aisle width for pallets 48 x 40 (L x W)	Ast (inches)	82.1 ¹⁾²⁾	88.0 ¹⁾²⁾	4.34
4.35	Turning radius	Wa (inches)	63.9 ¹⁾	69.8 ¹⁾	4.35	
Performance	5.1	Travel speed, loaded / unloaded	mph	3.7 / 3.7	3.4 / 3.4	5.1
	5.2	Lift speed, loaded / unloaded	ft / min	9.3 / 13.8	9.1 / 13.8	5.2
	5.3	Lowering speed, loaded / unloaded	ft / min	12.4 / 11.8	12.4 / 11.8	5.3
	5.8	Max. gradeability, loaded / unloaded	%	10 / 20	10 / 20	5.8
	5.10	Service brake		electric	electric	5.10
Motors	6.1	Drive motor rating S ₂ 60 min	kW / HP	1.6 / 2.1	1.6 / 2.1	6.1
	6.2	Lift motor rating at S ₃ 10 %	kW / HP	1.5 / 2.0	1.5 / 2.0	6.2
	6.4	Battery voltage, nominal capacity (at 6 hour rate)	V / Ah	24 / 150 – 375	24 / 510 – 750	6.4
	6.5	Battery weight (minimum)	lbs	154	963	6.5
Other Details	8.4	Sound level at the driver's ear	dB (A)	70	70	8.4

All dimensions with 48 inch (nominal) forks unless otherwise noted

1) Load section lowered: add 2.1 inches

2) Includes 8 inches of maneuvering space

The Jungheinrich Advantage



Ideal for transportation of heavy goods



Side battery extraction on EJE 225 E.

Innovative 3-phase AC technology

Jungheinrich proprietary 3-phase AC motor technology provides increased efficiency and reduced operating costs. The following advantages maximize uptime and productivity:

- Outstanding efficiency due to excellent energy management.
- Powerful acceleration with a fully rated load.
- Quick directional changes without hesitation.
- No carbon brushes or commutators to replace, resulting in reduced maintenance requirements.
- 2 year warranty on drive motor.

Rugged construction for the toughest applications

- Chassis made of high quality 0.3 inch thick steel.
- Reinforced forks, constructed of solid bar-stock steel for extreme durability.

Long operating times

Battery capacities up to 750 Ah ensure long operating times.

- Medium compartment: up to 255 Ah.
- Large compartment: up to 750 Ah.
- Optional integrated charger (24V/30 A for both flooded and maintenance-free batteries up to 375 Ah) for fast, simple charging at any wall outlet.
- Side battery extraction for multi-shift operations (optional on large compartment E version only).

Optimum stability

Optional "ProTraLink" caster wheel system, linked via a cushioned torsion bar, distributes stabilizing forces based on travel conditions (i.e. evenly across all wheels during straight travel; concentrated on the outer support wheel when turning).

Multi-function handle head

The redeveloped handle head adjusts to different operator requirements.

- Clearly marked operator controls and rocker switches, with tactile raise and lower indicators, allow for intuitive operation in any handle position.
- Angled handle head for natural, ergonomic operation.
- Crawl-speed button is positioned on the back of the handle head, for quick access and ease of operation when the handle is in the vertical position.



Ergonomic handle head

- The handle head protects against potential failure due to its contactor-less sensor system and IP65-rated dust and moisture protection.

Reduced maintenance

3-phase AC technology ensures significant long-term reduction of operating costs.

- Low-maintenance, 3-phase AC drive motor with no carbon brushes.
- Easy access to all components through the one-piece front cover.
- Optional "ProTraLink" stability caster wheel system helps reduce potential wheel damage during ramp operations due to its self-leveling adjustment. The torsion bar constantly keeps both support wheels at the same height, reducing the chance of catching or damaging the lower support wheel on the side of dock plates.

Well informed at any time

- 3 color LED battery discharge indicator as standard or optional "CanDis" information display with enhanced visual charge indicator, hour-meter and service code display.
- Optional "CanCode" keypad allows for secure truck activation via PIN and includes 3 pre-set travel programs.
- When combined, CanDis and CanCode allow for quick adjustment of speed, acceleration and motor brake parameters without a laptop.

Available options

- EJE 225 E version with 13.58 inch large battery compartment.
- Battery compartment rollers (E version only).
- Freezer package.
- Load guard.
- Entry rollers.

Built in compliance with ITSDF B56.1 design specifications* for Type E industrial trucks with Type E battery.

*In accordance to specifications in place at time of manufacture.



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