

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

Extremely maneuverable due to compact chassis design

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

Excellent travel stability with optional ProTraLink caster system



EJE 120

Electric Walkie Pallet Truck (4500 lbs.)

The EJE 120 electric walkie pallet truck is specifically suited for loading and unloading trailers as well as transporting loads over short and medium distances. The EJE 120 is available with three different battery compartments. The shortest of which, when combined with the EJE's compact drive unit, features a head length of only 19.4 inches and allows the truck to maneuver in extremely confined spaces.

Jungheinrich's innovative 3-phase AC drive motor provides powerful acceleration and a maximum speed of 3.7 mph, even under a full load. In addition, the sealed AC drive motor is low-maintenance, with no carbon brushes to replace and a two year motor warranty as standard.

Jungheinrich's advanced AC impulse controller technology provides stepless speed control via the drive switch and rollback protection on ramps. Travel parameters, including acceleration, speed and motor braking, are easily adjustable. The highly efficient AC controller, combined with industrial batteries up to 255 Ah, ensures excellent energy management and longer operating times at any performance level.

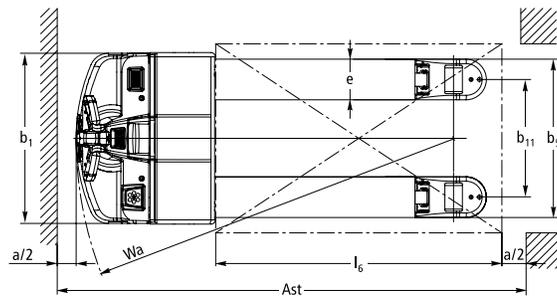
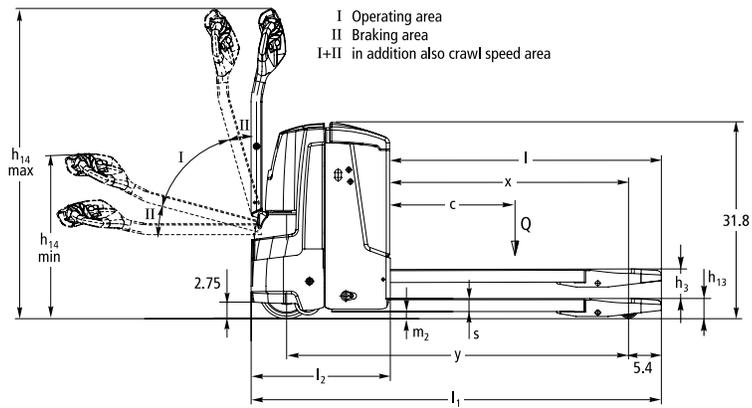
The long, low mounted control handle maximizes the distance between the operator and the truck, ensuring the highest degree of security for the user at all times during normal operation. If space is at a premium, the standard crawl-speed button allows for maneuvering in tight areas with the handle

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. The low height of the truck allows for greater visibility, especially in confined spaces, and provides shorter operators with optimum visibility of the fork tips.

A completely redeveloped handle head offers operators 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, even when fully vertical at 90 degrees.

**JUNGHEINRICH**

EJE 120



Technical Data

as of: 01/2010

		Jungheinrich				
		EJE 120 short compartment	EJE 120 medium compartment	EJE 120 large compartment		
Characteristics	1.1	Manufacturer	Jungheinrich	Jungheinrich	Jungheinrich	1.1
	1.2	Manufacturer's type designation	EJE 120	EJE 120	EJE 120	1.2
	1.3	Drive	electric	electric	electric	1.3
	1.4	Type of operation	walkie	walkie	walkie	1.4
	1.5	Load capacity / rated load	4500	4500	4500	1.5
	1.6	Load center distance	24	24	24	1.6
	1.8	Load distance, center of load axle to fork face	37.8 ¹⁾	37.8 ¹⁾	37.8 ¹⁾	1.8
	1.9	Wheelbase	51.4 ¹⁾	54.9 ¹⁾	54.9 ¹⁾	1.9
	Weights	2.1	Service weight incl. min. battery (see line 6.5)	913	797	1061
2.2		Axle loading, loaded front/rear	1971 / 3442	1939 / 3358	2035 / 3526	2.2
2.3		Axle loading, unloaded front/rear	723 / 190	631 / 166	840 / 221	2.3
Wheels/Chassis	3.1	Tires	PU (polyurethane)	PU (polyurethane)	PU (polyurethane)	3.1
	3.2	Tire size, front	9.1 x 2.6	9.1 x 2.6	9.1 x 2.6	3.2
	3.3	Tire size, rear	3.2 x 4.3	3.2 x 4.3	3.2 x 4.3	3.3
	3.4	Additional wheels (dimensions)	3.9 x 1.6	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	1x + 2	3.5
	3.6	Track width, front	20	20	20	3.6
	3.7	Track width, rear	14.5 / 19.6	14.5 / 19.6	14.5 / 19.6	3.7
Dimensions	4.4	Lift height	4.8	4.8	4.8	4.4
	4.9	Handle height in drive position, min / max	31.4 / 51.7	31.4 / 51.7	31.4 / 51.7	4.9
	4.15	Lowered fork height	3.25	3.25	3.25	4.15
	4.19	Overall length	64.8	68.3	68.3	4.19
	4.20	Length to fork face (headlength)	19.4	23.2	23.2	4.20
	4.21	Overall width	28.3	28.6	32.9	4.21
	4.22	Fork dimensions	2.2 / 6.8 / 45.4	2.2 / 6.8 / 45.4	2.2 / 6.8 / 45.4	4.22
	4.25	Overall fork width	26.4 / 21.3	26.4 / 21.3	26.4 / 21.3	4.25
	4.32	Ground clearance, center of wheelbase	1.1	1.1	1.1	4.32
	4.34	Aisle width for pallets 48 x 40 (L x W)	76.9 ¹⁾²⁾	80.4 ¹⁾²⁾	80.4 ¹⁾²⁾	4.34
4.35	Turning radius	58.7 ¹⁾	62.2 ¹⁾	62.2 ¹⁾	4.35	
Performance	5.1	Travel speed, loaded / unloaded	3.7 / 3.7	3.7 / 3.7	3.7 / 3.7	5.1
	5.2	Lift speed, loaded / unloaded	7.1 / 9.1	7.1 / 9.1	7.1 / 9.1	5.2
	5.3	Lowering speed, loaded / unloaded	10.2 / 9.1	10.2 / 9.1	10.2 / 9.1	5.3
	5.8	Max. gradeability, loaded / unloaded	8 / 20	8 / 20	8 / 20	5.8
	5.10	Service brake	electric	electric	electric	5.10
Motors	6.1	Drive motor rating S ₂ 60 min	1.0 / 1.3	1.0 / 1.3	1.0 / 1.3	6.1
	6.2	Lift motor rating at S ₃ 10%	1.2 / 1.6	1.2 / 1.6	1.2 / 1.6	6.2
	6.4	Battery voltage, nominal capacity (at 6 hour rate)	24 / 150-375	24 / 150-375	24 / 150-375	6.4
	6.5	Battery weight (minimum)	265	154	374	6.5
	Other Details	8.4	Sound level at the driver's ear	70	70	70

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

- 1) Load section lowered: add 2.10 inches
- 2) Includes 8 inches of maneuvering space

The Jungheinrich Advantage



Powerful due to innovative 3-phase technology

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.
- Top speed of 3.7 mph 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.

Long operating times

Battery capacities up to 255 Ah provide long operating times.

- Short compartment: 150 Ah.
- Medium compartment: up to 255 Ah.
- Optional integrated charger (115 V / 30 A for both flooded and maintenance-free batteries up to 375 Ah) for fast, simple charging at any wall outlet.

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.



Standard key lock and discharge indicator display

Optimum stability

Optional "ProTraLink" caster wheel system, linked via a cushioned torsion bar, distributes stabilizing forces dependent 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.
- The handle head protects against potential failure due to its contactor-less sensor system and IP65-rated dust and moisture protection.



Ergonomic handle head

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.
- Sealed controls and plugs are protected from dust and moisture (IP54 rating).
- 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 sides of dock plates.

Available options

- Fork lengths from 36 to 60 inches.
- 21 inch fork width.
- Rubber and sanded drive wheels.
- 48 inch and 60 inch load guard.
- Freezer package.

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.



1-877-JH-FORKS

www.jungheinrich-lift.com

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Well worthwhile