Powerful and efficient with 3-phase AC drive motor

Extremely manoeuvrable due to compact design

High driving and cornering stability due to integrated support wheels

Maintenance-free gel battery and integrated charger

Built-in weighing system (optional)

EJE M13/M15

Electric Pedestrian Pallet Truck (1,300/1,500 kg)

The EJE M13 and EJE M15 trucks were specially developed for the internal transfer of lighter goods. The 0.6-kW drive motor supports the transport of pallets and goods weighing up to 1500 kg over short distances. Therefore the EJE M13 and EJE M15 are ideal for use in small and medium-sized companies with an occasional need for goods transport.

Thanks to the maintenance-free, powerful 3-phase AC motor, energy consumption is reduced and the best conditions are provided for rapid and cost-efficient goods throughput.

This gives the EJE M13 and EJE M15 their advantages, particularly in confined spaces: Their compact design, the low front end length (l2) of just 435 mm and the low overall height guarantee maximum manoeuvrability and offer every operator an optimum view of the fork tips.

In addition, two sprung and cushioned support wheels ensure safe and stable travel. A gel battery used in conjunction with a built-in charger allows for flexible operation, without having to fill up the battery with water.

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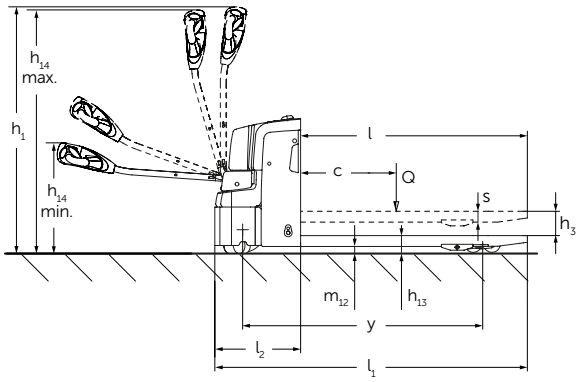
EJE M13/M15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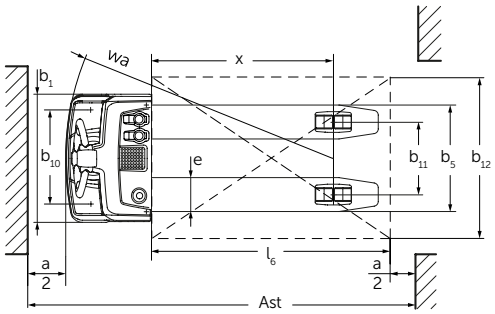
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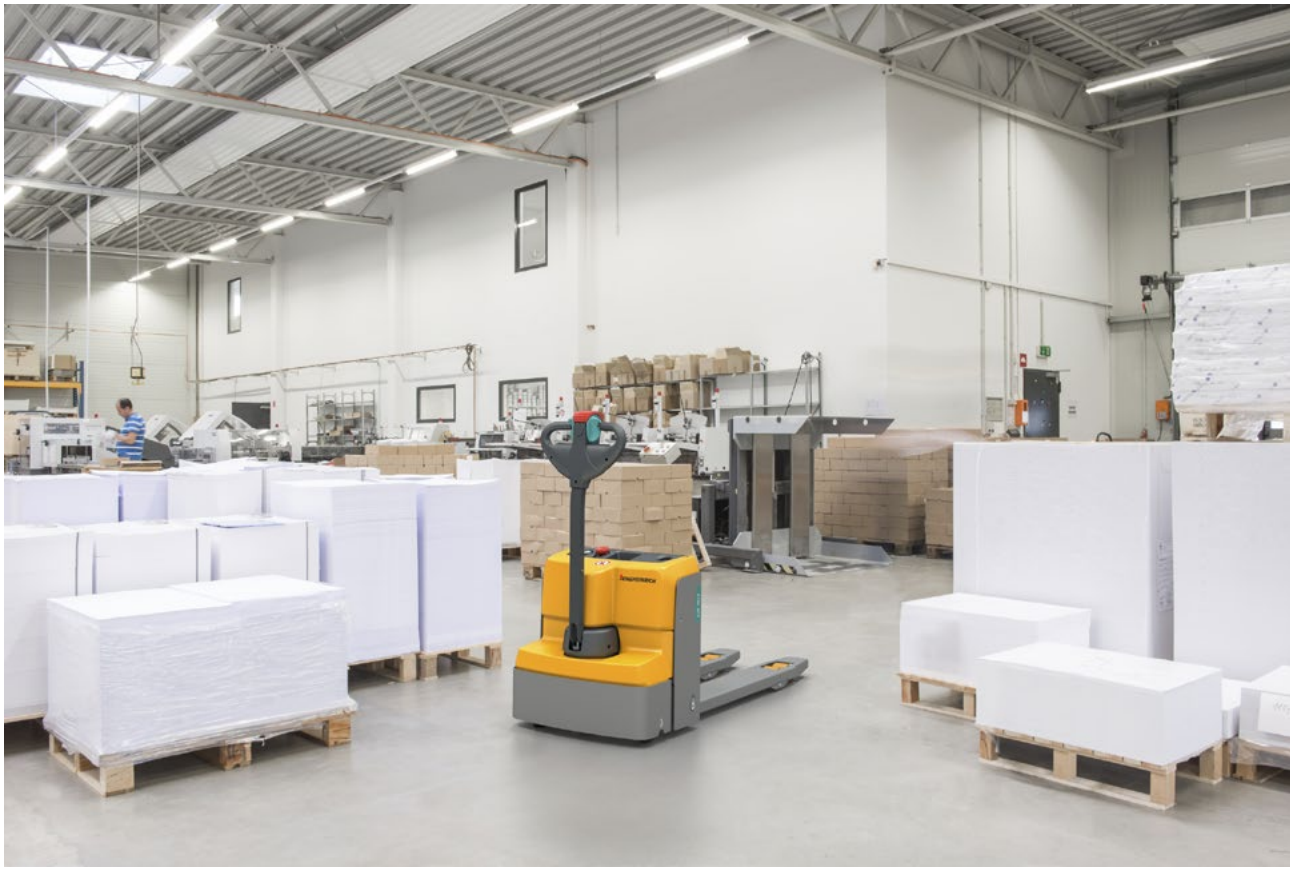

As at: 05/2016

Technical data in line with VDI 2198

Identification	1.1	Manufacturer (abbreviation)			Jungheinrich				
	1.2	Model			**EJE M13**	**EJE M13**[5]	**EJE M15**	**EJE M15**[5]	**EJE M15**
	1.3	Drive			Electric				
	1.4	Manual, pedestrian, stand-on, seated, order picker operation			pedestrian				
	1.5	Load capacity/rated load	Q	t	1.3	1.3	1.5	1.5	1.5
	1.6	Load centre distance	c	mm	600				
	1.8	Load distance	x	mm	914	894	914	894	764
	1.9	Wheelbase	y	mm	1,212	1,212	1,212	1,212	1,062
Weights	2.1.1	Net weight incl. battery (see row 6.5)		kg	214	253	219	258	219
	2.2	Axle load with load front/rear		kg	696 / 1,018	716 / 1,037	700 / 1,019	720 / 1,038	700 / 1,019
	2.3	Axle load without load front/rear		kg	162 / 52	184 / 69	166 / 53	188 / 70	166 / 53
Wheels / frame	3.1	Tyres			TPU/PU				
	3.2	Tyre size, front		mm	Ø230x65				
	3.3	Tyre size, rear		mm	Ø80x70				
	3.4	Additional wheels (dimensions)		mm	2 x Ø80x40				
	3.5	Wheels, number front/rear (x = driven wheels)			1x+2/4				
	3.6	Tread width, front	b_{10}	mm	460				
	3.7	Tread width, rear	b_{11}	mm	368				
Basic dimensions	4.4	Lift	h_3	mm	120				
	4.9	Height of tiller in drive position min. / max.	h_{14}	mm	740 / 1,190				
	4.15	Height, lowered	h_{13}	mm	85	90	85	90	85
	4.19	Overall length	l_1	mm	1,585	1,605	1,585	1,605	1,435
	4.20	Length to face of forks	l_2	mm	435	455	435	455	435
	4.21	Overall width	b_1/b_2	mm	650[2]	650	650[2]	650	650[2]
	4.22	Fork dimensions	s/e/l	mm	55 / 172 / 1,150	60 / 182 / 1,150	55 / 172 / 1,150	60 / 182 / 1,150	55 / 172 / 1,000
	4.25	Width across forks	b_5	mm	540[1]	550	540[1]	550	540[1]
	4.32	Ground clearance, centre of wheelbase	m_2	mm	35				
	4.33	Aisle width for pallets 1000 x 1200 sideways	Ast	mm	1,643	1,663	1,643	1,663	1,493
	4.34	Aisle width for pallets 800 x 1200 lengthways	Ast	mm	1,843	1,863	1,843	1,863	1,693
	4.35	Turning radius	W_a	mm	1,357	1,357	1,357	1,357	1,207
Performance data	5.1	Travel speed, laden/unladen		km/h	4.5 / 5				
	5.2	Lift speed, laden/unladen		m/s	0.05 / 0.06				
	5.3	Lowering speed, laden/unladen		m/s	0.08 / 0.04				
	5.8	Max. gradeability, laden/unladen		%	4 / 10				
	5.10	Service brake			electric				
Electrics	6.1	Drive motor, output S2 60 min.		kW	0.6				
	6.2	Lift motor kW output at S3 5 %		kW	1.2				
	6.3	Battery as per DIN 43531 /35/36 A, B, C, no			no				
	6.4	Battery voltage/ nominal capacity		V/Ah	24 / 65[3]	24 / 65[3]	24 / 90[4]	24 / 90[4]	24 / 90[4]
	6.5	Battery weight		kg	35	35	53	53	53
	6.6	Energy consumption according to VDI cycle		kWh/h	0.24	0.24	0.27	0.27	0.27
Misc.	8.1	Type of drive control			AC SpeedControl				
	8.4	Sound pressure level at operator's ear as per EN 12053		dB (A)	66				

[1] 670 mm also possible
[2] If b_5 = 670 mm, b_1/b_2 = 670 mm
[3] Specification battery voltage/nominal capacity at K20; at K5: 24V, 53.3Ah
[4] Specification battery voltage/nominal capacity at K20; at K5: 24V, 70Ah
[5] with integrated weighing function

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

Centralized control instruments

Optimal stability due to spring load support wheels

Ergonomic designed tiller head

Weighing device (optional)

Innovative drive and control technology

Motors with 3-phase AC technology offer many advantages and more efficiency while simultaneously reducing the operating costs thanks to the perfect match with our own controllers:

- High efficiency levels with excellent energy management.
- Rapid directional change without delay.
- No carbon brushes mean the drive motor is maintenance-free.

Energy efficiency

Economic energy management increases the efficiency and lifetime of the battery and components:

- Smart shut down: the EJE M13 shuts down automatically after 30 minutes without use.
- Energy recovery due to regenerative braking.

Compact design

Thanks to their compact design, the EJE M13 and the EJE M15 are perfect for use in confined spaces.

- High manoeuvrability due to short chassis dimension and low overall height.
- Important instruments such as battery discharge indicator, hourmeter, emergency disconnect and key are centrally located on the truck.
- Sufficient storage space even with slender design.

Ergonomic operations

The trucks are perfectly adapted to the ergonomic needs of the operator:

- Reduced force required while steering due to low-mounted tiller.
- Dual-sided operation of tiller handle for ergonomic and safe use.

Optimum stability

The EJE M13 and EJE M15 have two sprung support rollers installed alongside the drive wheel. These increase the stability of the truck, thereby reducing the risk of transport damage. Entry rollers have also been fitted to the fork tips on the standard model to ensure the easy picking up of pallets.

Safe operation

Various safety measures reduce the risk of injury for operators and guarantee a high level of safety:

- Reduced risk of foot injuries due to low ground clearance of only 35 mm.
- Additional protection due to the complete closed housing, in particular the lift cylinder.

Options

As an option, the EJE M13 and the EJE M15 can be ordered with a weighing system. This enables goods to be weighed and moved using just one truck. Four weighing cells provide optimal results with a deviation of less than 1% across the entire weighing range.

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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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