

Powerful, maintenance-free
3-phase AC drive motor

Manoeuvrable and compact

Maintenance-free gel battery
and built-in charger

Two mast heights available
(1540 mm and 1900 mm)



EJC M10 E/M10b E

Electric stacker trucks (1,000 kg)

The EJC M10 E/M10b E has been specially developed for the internal transfer of lightweight goods. The 0.6 kW drive motor is ideal for the transport of pallets and goods weighing up to 1,000 kg over short distances.

The mono mast, which is available in heights of 1540 mm and 1900 mm, makes the EJC M10 E/M10b E ideal for occasional picking as well as the stacking of pallets. The low frame height of the EJC M10 E/M10b E ensures that even shorter operators have optimum visibility of the fork tips. Its compact design and the short front-end length (l2) of just 465 mm also guarantee maximum manoeuvrability. The crawl speed button allows the truck to operate even in very confined spaces with the tiller upright.

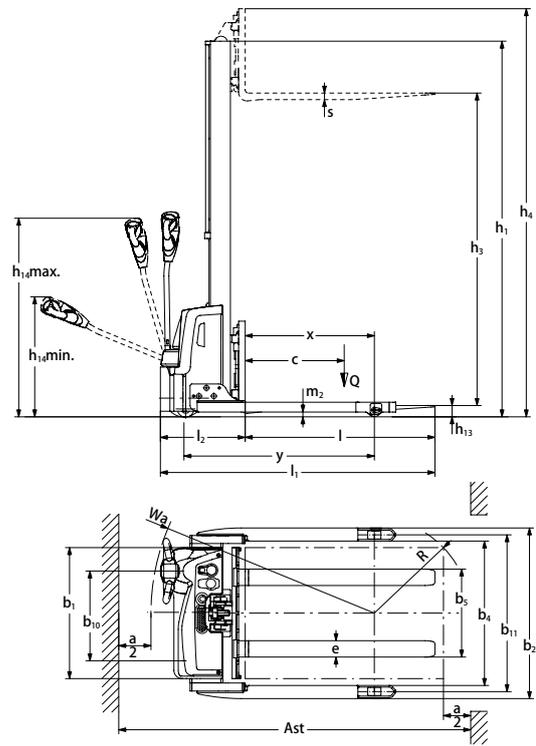
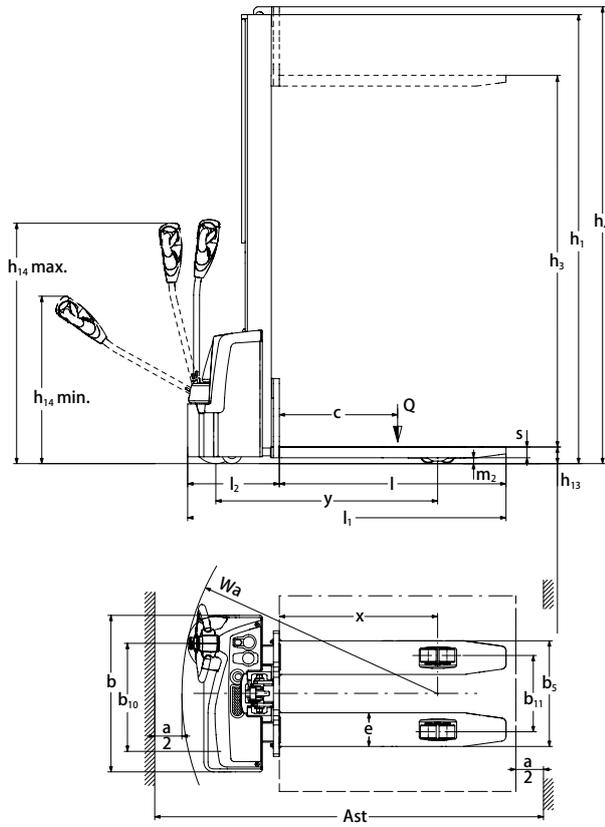
The energy consumption is significantly reduced by the maintenance-free and powerful three-phase AC technology. This offers optimum conditions for fast and cost-effective goods throughput.

A gel battery used in conjunction with a built-in charger allows for flexible operation, without having to fill up the battery with water.

The ISO fork carriage also makes the EJC M10b E suitable for lifting closed pallets. The support arms can be adjusted to three widths (b2) 1042/1212/1412 mm with the aid of adapters.

**JUNGHEINRICH**

EJC M10 E/M10b E



Technical data in line with VDI 2198

		Jungheinrich						
		EJC M10 E	EJC M10 E	EJC M10b E	EJC M10b E			
Identification	1.1	Manufacturer (abbreviation)						
	1.2	Model						
	1.3	Drive	Electric					
	1.4	Manual, pedestrian, stand-on, seated, order picker operation	pedestrian					
	1.5	Load capacity/rated load	Q	t	1			
	1.6	Load centre distance	c	mm	600			
	1.8	Load distance	x	mm	803	803	783	783
	1.9	Wheelbase	y	mm	1,125	1,125	1,154	1,154
	Weights	2.1.1	Net weight incl. battery (see row 6.5)	kg	460	478	602	620
2.2		Axle loading, laden front/rear	kg	622 / 838	630 / 848	560 / 1,042	570 / 1,050	
2.3		Axle loading, unladen front/rear	kg	350 / 110	360 / 118	430 / 172	440 / 180	
Wheels / frame	3.1	Tyres		TPU/PU	TPU/PU	PU	PU	
	3.2	Tyre size, front	mm	Ø230x65				
	3.3	Tyre size, rear	mm	Ø80x70	Ø80x70	Ø100x50	Ø100x50	
	3.4	Additional wheels (dimensions)	mm	Ø100x50	Ø100x50	Ø80x50	Ø80x50	
	3.5	Wheels, number front/rear (x = driven wheels)		1x+1/4	1x+1/4	1x+1/2	1x+1/2	
	3.6	Tread width, front	b ₁₀	mm	550			
	3.7	Tread width, rear	b ₁₁	mm	390	390	962 / 1,128 / 1,328	962 / 1,128 / 1,328
Basic dimensions	4.2	Mast height (lowered)	h ₁	mm	1,935	2,295	1,935	2,295
	4.3	Free lift	h ₂	mm	1,500	1,860	1,350	1,710
	4.4	Lift	h ₃	mm	1,540	1,900	1,540	1,900
	4.5	Extended mast height	h ₄	mm	1,975	2,335	2,125	2,485
	4.9	Height of tiller in drive position min. / max.	h ₁₄	mm	740 / 1,190			
	4.15	Height, lowered	h ₁₃	mm	85			
	4.19	Overall length	l ₁	mm	1,615	1,615	1,664	1,664
	4.20	Length to face of forks	l ₂	mm	465	465	514	514
	4.21	Overall width	b ₁ /b ₂	mm	800 / 800	800 / 800	800 / 1,042 ³⁾	800 / 1,042 ³⁾
	4.22	Fork dimensions	s/e/l	mm	55 / 172 / 1,150	55 / 172 / 1,150	40 / 100 / 1,150	40 / 100 / 1,150
	4.25	Width across forks	b ₅	mm	540	540	316 / 706	316 / 706
	4.26	Width between support arms/loading areas	b ₄	mm	0	0	882 ¹⁾	882 ¹⁾
	4.32	Ground clearance, centre of wheelbase	m ₂	mm	30	30	35	35
4.33	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	2,127	2,127	2,163	2,163	
4.34	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2,059	2,059	2,100	2,100	
4.35	Turning radius	W _a	mm	1,295	1,295	1,325	1,325	
Performance data	5.1	Travel speed, laden/unladen	km/h	4.5 / 5				
	5.2	Lift speed, laden/unladen	m/s	0.12 / 0.22				
	5.3	Lowering speed, laden/unladen	m/s	0.15 / 0.12				
	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 rating at S3 7.5 %	kW	2.2				
	6.3	Battery as per DIN 43531/35/36 A, B, C, no		no				
	6.4	Battery voltage / nominal capacity	V/Ah	24 / 85 ²⁾				
	6.5	Battery weight	kg	49				
	6.6	Energy consumption according to VDI cycle	kWh/h	0.73				
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⁾ 1052 mm or, optionally, 1252 mm available

²⁾ Battery voltage/nominal capacity specified for K20. For K5: 24 V, 70 Ah

³⁾ Other overall widths b2 in 1212 mm and 1412 mm available, adjustable with adapter.

Benefit from the advantages



Centralised control instruments



Compact design for use in confined spaces



Ergonomic tiller arm



The EJC M10b E is ideal for lifting closed pallets

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 Jungheinrich's controllers:

- High efficiency levels with excellent energy management.
- Rapid direction change.
- Maintenance-free drive motor.

Work ergonomically

Optimal adaptation of the truck 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.

Compact design and ideal view

Thanks to its compact design, the EJC M10 E is perfect for use in confined spaces:

- Extremely versatile thanks to short front end length.
- Optimum view of the fork tips at any height due to low frame height and optimised visibility through the mast.
- Central arrangement of all important control features such as the battery discharge indicator, the hour meter, emergency disconnect and key.
- Sufficient storage space even with slim design.

Energy-efficient operation

Battery and components are protected and the efficiency is increased through the economic energy management:

- Automatic switch-off by intelligent automatic shut-off after 30 minutes without use.
- Energy recovery due to regenerative braking when decelerating.

Safe operation

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

- The low ground clearance of 30 mm helps to reduce the risk of foot injuries.
- Additional protection due to completely closed frame and optimised visibility on the mast.
- Safe working even in confined spaces thanks to the upright tiller and crawl speed button.

EJC M10b E wide tread version

- Ideal for lifting closed pallets.
- Width between support arms (b4) adjustable with two adapters: 882 mm/1052 mm/1252 mm.
- Use of attachments with FEM/ISO fork carriage possible.

Additional equipment

Available in lift heights 1540 mm and 1900 mm.

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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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