

Powerful and efficient  
with maintenance-free  
AC drive motor

Manoeuvrable and  
compact for tight aisles

Sensitive lifting with  
speed-controlled  
hydraulic motor

Comfortable working  
environment with practical  
storage trays for pencils  
and documents

Fast, easy charging at any  
13 Amp plug socket with  
on-board charger (optional)



## EJC 110/112

### Electric pedestrian stacker (1,000/1,200 kg)

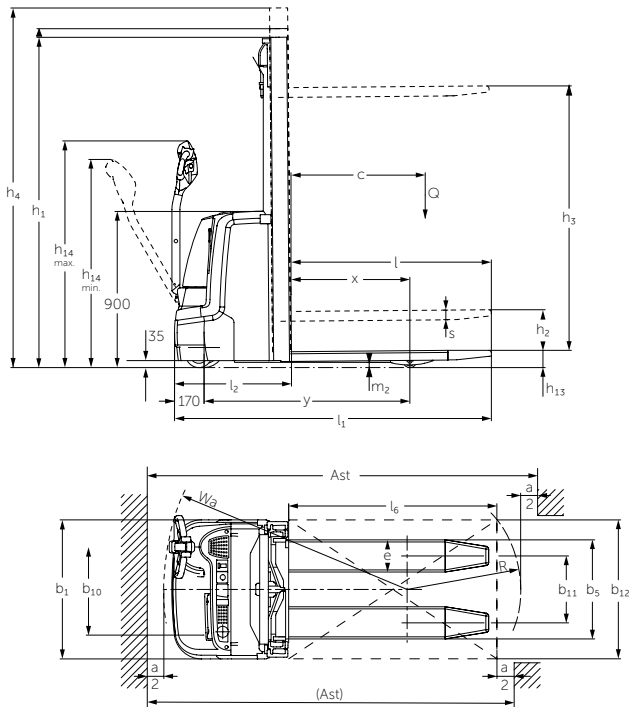
The EJC range 1 pedestrian stackers show their strength in transporting over short distances and stacking or retrieving up to 4700 mm high. The compact chassis of the EJC ensures easy and safe operation even in the most confined spaces. Another useful feature is the option of driving in crawl mode with the tiller in upright position.

The combination of 3-phase AC drive motor and our own internally developed electronic controller ensures maximum efficiency. The advantage is high speed and powerful acceleration with minimum energy consumption, which in turn ensures fast, efficient throughput. Operators will also be pleased with precise

lifting and gentle lowering (optional for EJC 110) of loads. The controlled lift motor and conveniently positioned buttons on the tiller head allow the operator to stack loads to high heights.

The power is supplied to the EJC 110/112 via batteries with capacities of up to 200 Ah. An on-board charger (optional) protected against moisture and dust ensures fast and easy charging at any 13 Amp plug socket. Optional fast charging is available. Practical storage compartments on the dashboard and front of the truck give you easy access to all the resources you need such as pencils, knives or documents.

# EJC 110/112



Standard mast designs EJC 110/112							
	Lift $h_3$ (mm)	Lowered mast height <sup>1)</sup> $h_1$ (mm)		Free lift $h_2$ (mm)		Extended mast height $h_4$ (mm)	
		EJC 110	EJC 112	EJC 110	EJC 112	EJC 110	EJC 112
Duplex ZT	2500	1750	1750	100	100	2975	2975
	2700	1850	1850	100	100	3175	3175
	2900	1950	1950	100	100	3375	3375
	3200	2100	2100	100	100	3675	3675
	3600	2300	2300	100	100	4075	4075
	4100	-	2550	-	100	-	4575
Duplex ZZ	4300	-	2650	-	100	-	4775
	2500	1700	1700	1225	1225	2975	2975
	2900	1900	1900	1425	1425	3375	3375
	3200	2050	2050	1575	1575	3675	3675
	3600	2250	2250	1775	1775	4075	4075
Triplex DZ	4100	-	2500	-	2025	-	4575
	4300	-	2600	-	2125	-	4775
	4090	1845	1845	1338	1338	4597	4597
	4300	1915	1915	1408	1408	4807	4807
	4700	-	2050	-	1543	-	5212

<sup>1)</sup> with 100 mm free lift

# Technical data in line with VDI 2198

				Jungheinrich		
Identification	1.1	Manufacturer (abbreviation)		EJC 110 <sup>3)</sup>   EJC 112 <sup>3)</sup>		
	1.2	Model		Electric		
	1.3	Drive		pedestrian		
	1.4	Manual, pedestrian, stand-on, seated, order picker operation				
	1.5	Load capacity/rated load	Q	t	1	1.2
	1.6	Load centre distance	c	mm	600	
	1.8	Load distance	x	mm	681	688
	1.9	Wheelbase	y	mm	1,184	1,191
	Weights	2.1.1	Net weight incl. battery (see row 6.5)		kg	750
2.2		Axle load with load front/rear		kg	570 / 1,180	650 / 1,380
2.3		Axle load without load front/rear		kg	510 / 240	580 / 250
Wheels / frame	3.1	Tyres		PU		
	3.2	Tyre size, front		mm		
	3.3	Tyre size, rear		Ø 230 x 70		
	3.4	Additional wheels (dimensions)		Ø 77 x 75   Ø 85 x 110		
	3.5	Wheels, number front/rear (x = driven wheels)		Ø 150 x 54   Ø 140 x 54		
	3.6	Tread width, front		1x +1/2 or 4		
	3.7	Tread width, rear		b <sub>10</sub>	mm	507
Basic dimensions	4.2	Mast height (lowered)		h <sub>1</sub>	mm	1,950
	4.3	Free lift		h <sub>2</sub>	mm	100
	4.4	Lift		h <sub>3</sub>	mm	2,900
	4.5	Extended mast height		h <sub>4</sub>	mm	3,375
	4.9	Height of tiller in drive position min. / max.		h <sub>14</sub>	mm	850 / 1,305
	4.15	Height, lowered		h <sub>13</sub>	mm	90
	4.19	Overall length		l <sub>1</sub>	mm	1,822
	4.20	Length to face of forks		l <sub>2</sub>	mm	672
	4.21	Overall width		b <sub>1</sub> /b <sub>2</sub>	mm	800
	4.22	Fork dimensions		s/e/l	mm	56 / 185 / 1,150
	4.25	Width across forks		b <sub>5</sub>	mm	570
	4.32	Ground clearance, centre of wheelbase		m <sub>2</sub>	mm	30
	4.33	Aisle width for pallets 1000 x 1200 sideways		Ast	mm	2,071 <sup>2)</sup>
4.34	Aisle width for pallets 800 x 1200 lengthways		Ast	mm	2,121 <sup>1)</sup>	
4.35	Turning radius		W <sub>s</sub>	mm	1,402   1,409	
Performance data	5.1	Travel speed, laden/unladen		km/h	6 / 6	
	5.2	Lift speed, laden/unladen		m/s	0.12 / 0.22	0.13 / 0.22
	5.3	Lowering speed, laden/unladen		m/s	0.33 / 0.33	0.43 / 0.37
	5.8	Max. gradeability, laden/unladen		%	8 / 16	
	5.10	Service brake		regenerative		
Electrics	6.1	Drive motor, output S2 60 min.		kW	1.0	
	6.2	Lift motor rating at S3 10%		kW	1.7	0
	6.2	Lift motor, output at S3 (on time) 12 %		kW	0	2
	6.3	Battery as per DIN 43531 /35/36 A, B, C, no		British Standard		
	6.4	Battery voltage/nominal capacity K5		V/Ah	24 / 200	
	6.5	Battery weight		kg	185	
6.6	Energy consumption according to VDI cycle		kWh/h	0.83	0.93	
Misc.	8.1	Type of drive control		AC speedCONTROL		
	8.4	Sound pressure level at operator's ear as per EN 12053		dB (A)	62	

<sup>1)</sup> Diagonal in accordance with VDI: + 137 mm

<sup>2)</sup> Diagonal in accordance with VDI: + 212 mm

<sup>3)</sup> Values for 290 ZT standard mast with battery

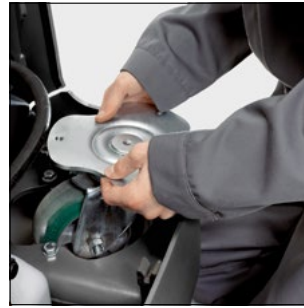
# Benefit from the advantages



Excellent view of the load for precise positioning



Good storage options for pens, tools and documents



The castor wheel is easy to replace, lowering maintenance costs

## Innovative drive technology and control

Our 3-phase AC motors offer improved performance with lower running costs thanks to linking with our inhouse designed electronic controllers. Advantages include:

- High level of efficiency with excellent energy management.
- Powerful acceleration.
- Rapid direction change.
- Maintenance-free drive motor.

## Manoeuvrable and compact

With its compact chassis, the EJC is ideal for operating in confined areas. In addition you can continue working safely by pressing the crawl speed button with the tiller upright.

## Precise and comfortable stacking and retrieval

Loads can be stacked and retrieved safely and efficiently thanks to:

- Precise and gentle lifting of the load by speed-controlled hydraulic motors.

- Gentle depositing of the load via 2-stage lowering speed (EJC 110) and proportional hydraulics (EJC 112, optional with EJC 110).
- Long safety tiller ensures sufficient distance between the operator and the truck.
- Less noise produced whilst lifting slowly via lift control system.

## Practical storage areas

The EJC 110/112 provides excellent storage space for the operator:

- Paper storage on the chassis cover.
- Extra storage areas next to control panel.
- Clip board (combined with the optional metal cover).

## Service-friendly technology

- Service access ports on the front of the chassis for fast tyre change.
- Wheel can be changed with the truck only slightly raised by using the castor wheel with a bayonet mechanism.

- Tiller electronics protected against moisture and dirt with IP65 protection.
- Electronic controller and built-in charger (optional) protected against moisture and dirt with IP54 protection.

## Long operating time

- Battery capacities up to 200 Ah ensure a long operational life.
- Built-in charger (optional) for straightforward charging at any standard 13 Amp socket (also available with quick charging function for charging during a shift).

## Additional equipment

- CanDis: Discharge indicator and hour-meter.
- CanCode: Access control via PIN.
- Load guard.
- Connection option e.g. for terminal, scanner or printer.
- Special robust metal battery lid for heavy-duty applications.
- Cold store version.



Earth Moving and Material Handling Equipment  
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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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