

Additional support arm lift
Manoeuvrable and compact
Sensitive lifting

LI-ION
technology



EJC 112z

Electric pedestrian controlled truck (1,200 kg)

The EJC 112z is a Series 1 stacker truck with additional support arm lift for increased ground clearance and improved versatility in use. It is used in situations where loads of up to 1.2 t need to be stacked and retrieved at heights of up to 4700 mm or where goods with a weight of up to 2.0 t are transported. With a narrow aisle width, the EJC is extremely light and safe to manoeuvre even in restricted areas.

With the auxiliary lift as a second lift mechanism, the support arms can be raised independently of the forks. This allows the EJC 112z to cope effortlessly with uneven floors, ramps, thresholds and loading bridges. The support arm and mast lift operate independently of each other. This enables double-deck transport of 2 pallets at the same time (optional).

Loads can be precisely lifted and gently lowered with the

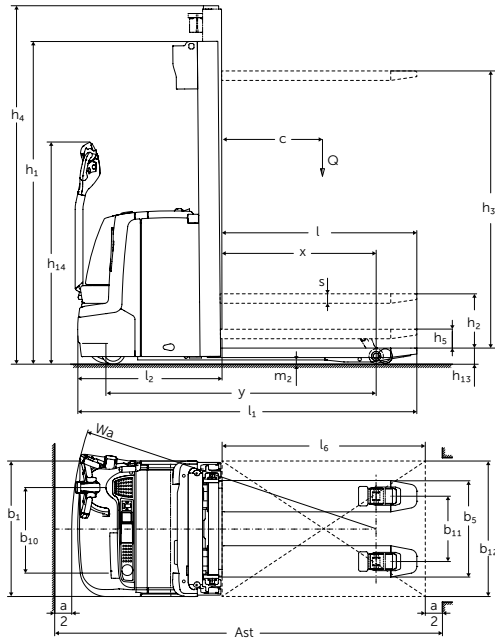
standard proportional hydraulic system. Gentle stacking of large loads is made possible by the controlled lift motor and the handy buttons on the tiller arm.

The energy required by the EJC 112z is provided either by conventional batteries with max. 200 Ah capacity or alternatively by a lithium-ion battery with a 110 Ah capacity. An integrated and moisture/dust-resistant battery charger (optional) allows simple recharging of the battery at any 230 V socket. This is particularly advantageous for rapid and boosting charges of lithium-ion batteries.

Due to the auxiliary lift and its compact dimensions, the EJC 112z offers the perfect conditions for fast and efficient goods throughput.

JUNGHEINRICH

EJC 112z



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

¹⁾ with 100 mm free lift

Technical data in line with VDI 2198

Identification	1.1	Manufacturer (abbreviation)		Jungheinrich
	1.2	Model		EJC 112z⁶⁾
	1.3	Drive		Electric
	1.4	Manual, pedestrian, stand-on, seated, order picker operation		pedestrian
	1.5	Load capacity/rated load	Q t	1,2 ³⁾
	1.5.1	Load capacity/load with mast lift	Q t	1,2 ³⁾
	1.5.2	Load capacity/load with support arm lift	Q t	2 ³⁾
	1.6	Load centre distance	c mm	600
	1.8	Load distance	x mm	910 ⁸⁾
1.9	Wheelbase	y mm	1,502 ⁷⁾	
Weights	2.1.1	Net weight incl. battery (see row 6.5)	kg	980
	2.2	Axle loading, laden front/rear	kg	965 / 1,215 ⁶⁾
	2.3	Axle loading, unladen front/rear	kg	707 / 273 ⁶⁾
Wheels / frame	3.1	Tyres		PU
	3.2	Tyre size, front	mm	Ø 230 x 70
	3.3	Tyre size, rear	mm	Ø 85 x 95 / 75
	3.4	Additional wheels (dimensions)	mm	Ø 140 x 54
	3.5	Wheels, number front/rear (x = driven wheels)		1x + 1/2 or 4
	3.6	Tread width, front	b ₁₀ mm	507
	3.7	Tread width, rear	b ₁₁ mm	415
Basic dimensions	4.2	Mast height (lowered)	h ₁ mm	1,950
	4.3	Free lift	h ₂ mm	100
	4.4	Lift	h ₃ mm	2,880
	4.5	Extended mast height	h ₄ mm	3,375
	4.6	Initial lift	h ₅ mm	122
	4.9	Height of tiller in drive position min. / max.	h ₁₄ mm	850 / 1,305
	4.15	Height, lowered	h ₁₃ mm	90
	4.19	Overall length	l ₁ mm	1,933 ⁸⁾
	4.20	Length to face of forks	l ₂ mm	783 ⁸⁾
	4.21	Overall width	b ₁ /b ₂ mm	800
	4.22	Fork dimensions	s/e/l mm	56 / 185 / 1,150
	4.25	Width across forks	b ₅ mm	570
	4.32	Ground clearance, centre of wheelbase	m ₂ mm	20
4.33	Aisle width for pallets 1000 x 1200 crossways	Ast mm	2,168 ²⁾⁷⁾	
4.34	Aisle width for pallets 800 x 1200 lengthways	Ast mm	2,267 ²⁾⁷⁾	
4.35	Turning radius	W _a mm	1,728 ⁴⁾⁷⁾	
Performance data	5.1	Travel speed, laden/unladen	km/h	6 / 6
	5.2	Lift speed, laden/unladen	m/s	0.13 / 0.22
	5.3	Lowering speed, laden/unladen	m/s	0.49 / 0.39
	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 kW rating at S3 5 %	kW	2.2 ⁵⁾
	6.3	Battery as per DIN 43531/35/36 A, B, C, no		A
	6.4	Battery voltage/nominal capacity K5	V/Ah	24 / 200
	6.5	Battery weight	kg	185
	6.6	Energy consumption as per EN 16796 CO- Equivalent as per EN 16796	kWh/h kg/h	0.66 0.4
Misc.	8.1	Type of drive control		AC speedCONTROL
	8.4	Sound pressure level at operator's ear as per EN 12053	dB (A)	64

¹⁾ Diagonal as per VDI: + 204 mm

²⁾ Diagonal as per VDI: + 368 mm

³⁾ In double-deck operation (optional): Mast lift max. 0.6 t / overall load max. 2.0 t

⁴⁾ Load section lowered: + 54 mm

⁵⁾ Value for S3 6%

⁶⁾ Values for 290 ZT standard mast and battery compartment S with 200 Ah battery

⁷⁾ With battery compartment M: Value +69 mm

⁸⁾ With DZ mast: x - 42 mm; l₁ + 42 mm; l₂ + 42 mm

Benefit from the advantages



Initial lift for more ground clearance and 2.0 t capacity



Double-deck mode (optional)



Easy charging at any 230 V mains socket thanks to integrated battery charger (optional)



Increased ground clearance for tackling thresholds and ramps

Versatile with support arm lift

The support arm lift, which can be controlled independently of the mast lift, offers greater ground clearance and more versatility:

- Lifting of support arms and battery compartment to a height of 122 mm.
- Easily overcomes floor unevenness, ramps, crossing plates, thresholds and loading bridges.
- Efficient transport of goods
- Capacity of the support arm lift: 2.0 t.
- Optional loading of 2 pallets one over the other (mast lift max. 600 kg / total load max. 2000 kg).

Manoeuvrable and compact

The EJC 112z can also be used in areas of restricted space:

- Compact dimensions and narrow aisle width.
- Safe working, even with raised tiller and crawl speed activated.

Everything at a glance

The central display and setting instrument offers a complete overview:

- Activation of the truck by EasyAccess via softkey, PIN code or optional transponder card.

- The 2-inch display provides information on the battery discharge status, number of operating hours, travel speed as well as error codes and offers the option of selecting from three travel programs via softkey (optional).

Long operating time

- Long service life with battery capacities up to 200 Ah.
- Built-in battery charger (optional) for straightforward charging at any standard 230-V socket (also available with rapid charging function for charging within a shift).

Safe and comfortable stacking and retrieval

Especially safe and efficient stacking and retrieval due to:

- Precise, sensitive load lifting by speed controlled and noise-reduced hydraulic motor.
- Gentle depositing of loads using proportional hydraulics.
- Additional reduction of travel speed from lift heights of approx. 1.8 m.
- Rounded and enclosed truck geometry.
- Four-wheel concept for maximum stability.
- Long safety tiller provides sufficient distance between operator and truck.

Practical storage compartments

The EJC offers plenty of storage space for keeping tools and equipment within easy reach:

- Paper compartment in the front panel.
- Storage compartments in the dashboard panel.
- Clip pad on the battery panel.

Service-friendly technology

- Reduction of fork wear (optional) with slow travel and lowered forks.
- Service access ports on front apron.
- Support wheel with bayonet mechanism enables wheels to be changed with the truck only slightly raised.

Additional equipment

A comprehensive range of accessories allows for individual adaptation to your application:

- Load guard.
- Built-in charger.
- Cold store version.

Lithium-ion technology

- High degree of availability thanks to extremely short charging times.
- No battery exchange required.
- Cost savings due to longer service life and low maintenance compared with lead-acid batteries.
- No charging rooms and ventilation required as there is no build up of gas.
- Longer service life with 5-year Jungheinrich guarantee.

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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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