

Cleaning-friendly construction makes it corrosion-proof and resistant to jets of water

Hygienic and food-neutral due to smooth and abrasion-proof surface

Multi-functional tiller head sealed as per IP65

Sensitive lifting/lowering using the tiller

Extremely flexible through support arm lift

For uses in demanding environments



EJC i12z

Electric pedestrian controlled truck with initial lift in stainless steel (1,200 kg)

The EJC i12z combines the advantages of a stainless steel frame with proven Jungheinrich drive and control technology. The truck is designed for demanding transport tasks up to 1200 kg and a lift height of 2500 mm.

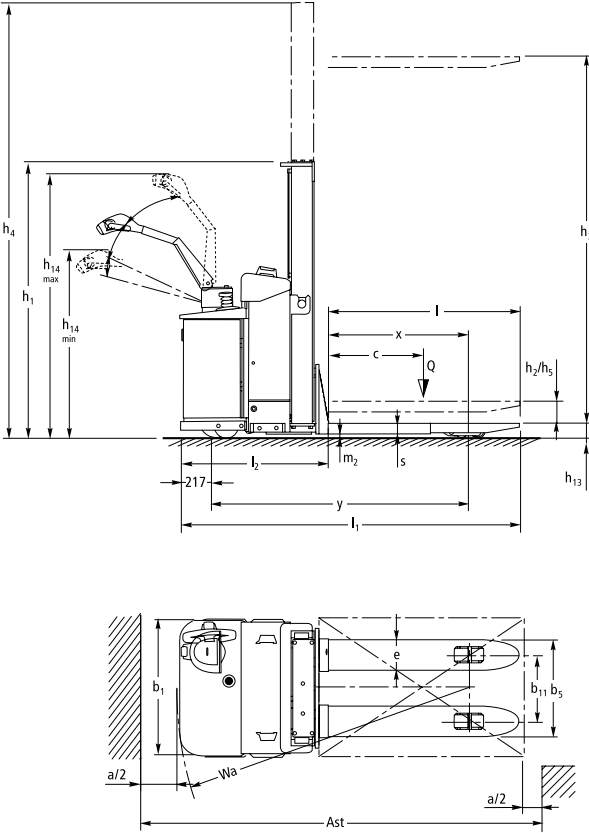
The EJC i12z offers the highest specifications for use in corrosive and humid environments and satisfies the most stringent hygienic regulations. With these specifications the truck is ideally suited for use in the food handling, chemical and pharmaceutical industries. High-quality V2A stainless steel also offers an abrasion-resistant and smooth surface, even with intensive use: This avoids dirt deposits, thus preventing the spread of germs and bacteria.

The rugged vehicle design is designed to withstand regular high-pressure cleaning and disinfection. Water is able to flow freely over the continuously angled surfaces, with very hard-wearing seals preventing the ingress of fluids into the drive compartment.

The support arm lift is used to raise the support arms independently of the forks. Thus the EJC i12z is able to cope effortlessly with uneven floors, ramps or loading bridges.

Lateral exchange of the battery further ensures the efficient application of the truck in shift operations. All of the above points add to the efficient, safe and fast handling of goods.

EJC i12z



Technical data in line with VDI 2198

Identification	1.1	Manufacturer (abbreviation)		Jungheinrich
	1.2	Model		EJC i12z
	1.3	Drive		Electric
	1.4	Manual, pedestrian, stand-on, seated, order picker operation		tiller
	1.5	Load capacity/rated load	Q t	1.2
	1.6	Load centre distance	c mm	600
	1.8	Load distance	x mm	808
	1.9	Wheelbase	y mm	1,525
	Weights	2.1.1	Net weight incl. battery (see row 6.5)	kg
2.2		Axle load with load front/rear	kg	991 / 1,369
2.3		Axle load without load front/rear	kg	854 / 306
Wheels / frame	3.1	Tyres		PU
	3.2	Tyre size, front	mm	230 x 70
	3.3	Tyre size, rear	mm	82 x 66
	3.4	Additional wheels (dimensions)	mm	125 x 54
	3.5	Wheels, number front/rear (x = driven wheels)		2-1x/4
	3.6	Tread width, front	b ₁₀ mm	464
	3.7	Tread width, rear	b ₁₁ mm	380
Basic dimensions	4.2	Mast height (lowered)	h ₁ mm	1,780
	4.3	Free lift	h ₂ mm	200
	4.4	Lift	h ₃ mm	2,500
	4.5	Extended mast height	h ₄ mm	2,980
	4.6	Initial lift	h ₅ mm	114
	4.9	Height of tiller in drive position min. / max.	h ₁₄ mm	861 / 1,523
	4.15	Height, lowered	h ₁₃ mm	90
	4.19	Overall length	l ₁ mm	2,084
	4.20	Length to face of forks	l ₂ mm	934
	4.21	Overall width	b ₁ /b ₂ mm	785
	4.22	Fork dimensions	s/e/l mm	55 / 180 / 1,150
	4.25	Width across forks	b ₅ mm	560
	4.32	Ground clearance, centre of wheelbase	m ₂ mm	21
	4.34	Aisle width for pallets 800 x 1200 lengthways	Ast mm	2,505
4.35	Turning radius	W _a mm	1,745	
Performance data	5.1	Travel speed, laden/unladen	km/h	5.3 / 5.3
	5.2	Lift speed, laden/unladen	m/s	0.04 / 0.06
	5.3	Lowering speed, laden/unladen	m/s	0.059 / 0.053
	5.8	Max. gradeability, laden/unladen	%	8 / 15
	5.10	Service brake		electric
Electrics	6.1	Drive motor, output S2 60 min.	kW	1.6
	6.2	Lift motor, output at S3 15%	kW	2.2
	6.3	Battery as per DIN 43531 /35/36 A, B, C, no		B
	6.4	Battery voltage/nominal capacity K5	V/Ah	24 / 250
	6.5	Battery weight	kg	220
Misc.	8.1	Type of drive control		AC SpeedControl

Benefit from the advantages



Ready for battery changing: open battery cover and removed side panel



Ergonomic tiller with intuitive buttons



Excellent service access

Hygienic design

- Smooth, food-neutral surfaces make the truck resistant to the adhesion of dirt and the spread of germs / bacteria.
- Stainless steel surfaces offer no risk of material abrasion during production.
- Closed fork section ensures hygienic separation of the load wheels and the goods to be carried (optional).
- Conforms to the EU directive for food-stuff hygiene.

Easy clean design

- Bevelled surfaces allowing water to easily flow off them.
- Sealed multifunctional tiller arm (IP 65) for high-pressure cleaning and disinfection.
- Strong overlapping battery compartment hood protects the battery against the penetration of cleaning fluids.

High quality materials for demanding applications

The use of material suited to the application guarantees a high reliability and long life.

- Surfaces made from high-quality stainless steel.
- To reduce corrosion, the battery sits in a plastic tank which is on a carrier and installed on slide rails.
- Sealed and corrosion-proof controls.

Work ergonomically

- The new generation multifunction tiller arm perfectly meets the ergonomic demands of the operator.
- Clear colour coding and buttons with countersunk/raised designs for intuitive operation.
 - Grip angle to suit the hand position of the operator.
 - Crawl speed button underneath the tiller arm for easy access and travelling with the tiller upright.
 - Rocker switch for consistent operation in all tiller positions.
 - Centrally positioned large emergency disconnect.
 - 3-colour LED battery monitor shows the battery discharge status at all times.
 - Battery exchange from above or side with plastic sliders.

Quick and simple transportation and provision

Proportional hydraulics and support arm lift ensure rapid, safe and ergonomic work:

- Precise approach to the racking position.
- Rapid raising and lowering of the forks.
- Smooth and shock-free picking up and placement of the load.
- Support arm lift for effortless negotiation of floors, ramps or loading bridges.

Innovative three-phase AC technology

Jungheinrich 3-phase AC motors offer high performance combined with reduced operating costs:

- Powerful acceleration.
- High efficiency levels with excellent energy management.
- Quick change in direction of travel without 'having to think'.
- No carbon brushes - maintenance-free drive motor.
- 2-year guarantee on the drive motor.

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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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