

Ergonomic and individually adjustable operating concept.

Optimum view and visibility in warehouse operation.

Excellent for use in narrow and wide aisles.

Excellent stability for safe and ergonomic operation.

Narrow and versatile for more performance in a confined space.



EKS 210

Light-Duty Order Picker (2,200 lb.)

The efficient EKS 210 medium level order picker is optimized for use in your warehouse thanks to its outstanding travel and lift performance.

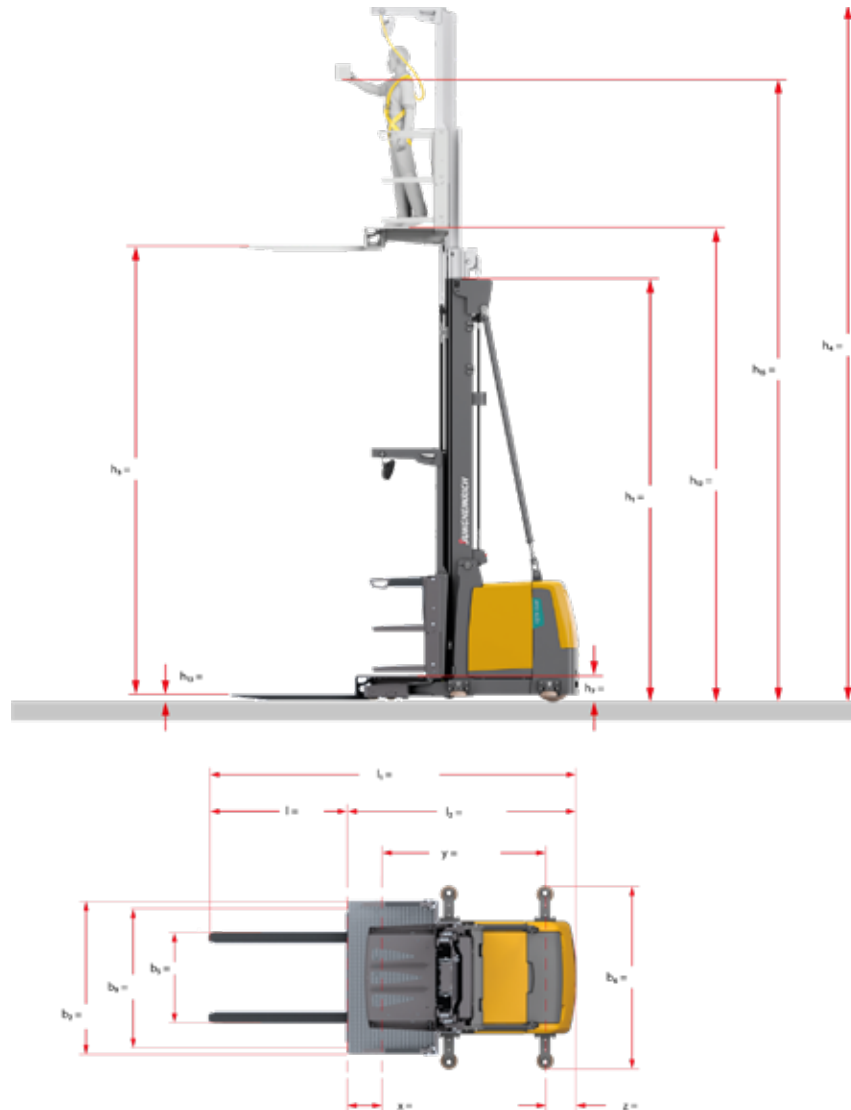
The energy-saving and freely movable 24-volt model excels in narrow aisle and wide aisle warehouses with excellent ergonomics and picking performance. Thanks to its extended mast portfolio, order picking heights of more than 250 inches can be reached effortlessly.

With its wide range of individual equipment options, the medium level order picker is versatile in its use and can create a particularly ergonomic work environment thanks to an optimized operating concept as well as excellent all-round visibility.

Whether with powerful lithium-ion power or lead-acid batteries: Our EKS 210 medium level order picker combines optimum picking performance with impressive energy efficiency.

**JUNGHEINRICH®**

EKS 210



Mast Types						
	Maximum Fork Height		Lowered Mast Height		Extended Mast Height	
	h_3		h_1		h_4	
	in	mm	in	mm	in	mm
Simplex (two-stage) ZT	110.2	2,800	91.5	2,325	203.5	5,170
	137.8	3,500	100.4	2,550	231.1	5,870
	167.3	4,250	116.1	2,950	260.6	6,620
	187.0	4,750	126.0	3,200	280.3	7,120

Technical data

as of: 08/2023

Characteristics	1.1	Manufacturer				Jungheinrich				
	1.2	Model				EKS 210				
	1.3	Drive				electric				
	1.4	Type of operation				order picker (open platform)				
	1.5	Load capacity / rated load		Q	lb	kg	2,200		1,000	
	1.6	Load center distance		c	in	mm	24		600	
	1.8	Load distance (load axle to fork face)		x	in	mm	6.1		155	
	1.9	Wheelbase		y	in	mm	56.1		1,425	
	Weights	2.1	Service weight without battery			lb	kg	3,858		1,750
2.1.1		Service weight including battery (see line 6.5)			lb	kg	5,181		2,350	
2.2		Axle loading, loaded load / drive			lb	kg	5,743		705 2,605 705	
2.3		Axle loading, no load, load / drive			lb	kg	2,436		2,745 1,105 1,245	
Wheels, Chassis	3.1	Tires				polyurethane (PU)				
	3.2	Tire size (load wheels)		d ₁	in	mm	Ø 230 x 83			
	3.3	Tire size (drive tire)		d ₂	in	mm	Ø 150 x 100			
	3.5	Wheels, number, front / rear (x=drive wheel)				1x / 4				
Dimensions	4.2	Lowered mast height (OACH) ¹⁾		h ₁	in	mm	91.5		2,325	
	4.4	Maximum fork height (MFH) ¹⁾		h ₃	in	mm	187.0		4,750	
	4.5	Extended mast height (OAE) ^{1) 2)}		h ₄	in	mm	280.3		7,120	
	4.7	Overhead guard (cab) height		h ₁₄	in	mm	91.5		2,325	
	4.8	Stand height		h ₇	in	mm	7.9		200	
	4.14	Maximum platform height ^{1) 3)}		h ₁₂	in	mm	194.9		4,950	
	4.15	Lowered fork height		h ₁₃	in	mm	2.4		60	
	4.19	Total length		l ₁	in	mm	117.5		2,985	
	4.20	Length to fork face (headlength)		l ₂	in	mm	70.3		1,785	
	4.21	Overall width ⁴⁾		b ₂	in	mm	47.2		1,200	
	4.22	Fork dimensions – thickness x width		s / e	in	mm	1.6 / 4.0		40 / 100	
	4.23	Width across forks ⁵⁾		b ₅	in	mm	24.8		630	
	4.32	Ground clearance under mast (loaded)		m ₂	in	mm	2.0		50	
	4.35	Minimum outside turning radius		Wa	in	mm	61.6		1,565	
4.43	Ground to top of battery rollers			in	mm	8.7		220		
Performance	5.1	Travel speed, loaded / no load ⁶⁾			mph	km/h	6.2 / 6.2		10 / 10	
	5.2	Lift speed, loaded / no load			fpm	m/s	49.2 / 59.1		0.25 / 0.30	
	5.3	Lowering speed, loaded / no load			fpm	m/s	59.1 / 49.2		0.30 / 0.25	
	5.10	Brakes – service				regenerative				
		Brakes – parking				electromagnetic				
Electrical	6.1	Drive motor rating S ₂ 60 min.			HP	kW	4.3		3.2	
	6.2	Lift motor rating at S ₃ 15%			HP	kW	10.7		8.0	
	6.4	Battery voltage			Volts	Ah	24		775	
	6.5	Battery weight, minimum / maximum			lb	kg	1,257 / 1,389		570 / 630	
Other	8.1	Type of drive control				AC speed control				
	8.4	Sound level at driver's ear			dB(A)		60			
	8.5	Steering				electric power steering				

- 1) shorter mast configurations available
- 2) operator compartment width 39.5" (1,000 mm), add 1.8" (45 mm) to height
- 3) shorter mast configurations available
- 4) narrower load axle widths available
- 5) other carriage selections available
- 6) with drivePLUS; standard travel speed 5.6 mph (9 km/h)

Note: Equipping this model (these models) with a power source (e.g. Lithium-ion, Hydrogen Fuel cell, etc.) that has not been previously approved by the factory is considered a modification. Per OSHA 1910.178 and ANSI/ITSDF B56.1, please consult with your factory representative prior to installing any non-OEM power source that has not been previously approved.

This specification sheet only provides technical values for the standard truck. Non-standard tires, different masts, additional equipment, etc. could produce other values. Rights reserved for technical changes and improvements.

The Jungheinrich Advantage



Efficiency

Superior performance with outstanding efficient trucks.

The versatile EKS 210 is synonymous with excellent picking performance and high efficiency, from the first racking level up to 250 inches – for longer and more efficient working.

Cost-effective energy management

- Active energy and battery management.
- Longer battery life.
- Seamless operation of masts to avoid energy-intensive acceleration and deceleration phases.

Available with lithium-ion technology

- High availability thanks to extremely short charging times.
- No battery exchange required.
- Cost savings thanks to zero maintenance (compared to lead- acid batteries).
- No charging rooms or ventilation required as there is no build-up of gas.



Safety

Superb offering for working safely.

Your safety is our priority: Numerous safety features help ensure that your employees can concentrate 100% on their core tasks.

Safe work processes

- Ergonomically tailored for use in wide aisles.
- Excellent all-round visibility.
- Excellent stability during operation.

Commissioning and maintenance

- Fast and reliable commissioning.
- Integrated diagnostic system.
- Maintenance interval of 1000 operating hours.

Optional features

- FloorSpot projects a clearly visible light spot in front of the truck for added safety in warehouse areas with reduced visibility.



Individuality

A forklift truck as individual as your business.

The well thought-out operating concept with the additional integrated viewing windows and an even more user-friendly control panel noticeably relieves strain on the operator.

Individual configuration

- A wide range of equipment options for the driver's cab, storage facilities, lighting, etc.

Ergonomic workstation

- Optimized operating concept: all information at a glance.
- Optimized all-round visibility for keeping an eye on every situation.
- Easy entry due to low entry height and smooth-running yet robust side barriers.
- Spacious cab with numerous storage options.
- Ergonomics package with ergonomic floor mat and foot switch optionally available.

Parts when you need them

- Jungheinrich's Parts Fast or Parts Free Guarantee ensures next-business-day delivery by 5:00 PM of all Jungheinrich parts in the United States, or they're free, including freight. For customers in Canada and Mexico, the guarantee ensures shipping of parts within 24 hours from the time the order was placed by the dealer. See your local Jungheinrich dealer for program details.

* Programs may be subject to change without notice and may vary by region. Please ask your local Jungheinrich dealer for complete terms and conditions.

** The product shown may be different than the actual configuration based on market requirements.