

Gentle depositing of the load on the floor or in the racking with proportional hydraulics.

Minimum noise during lifting.

Electric tiller provides greatly reduced steering force for fatigue-free steering.

Extremely sturdy frame and load section.

High ground clearance and large load wheels for comfortable travel on uneven surfaces.



## **EJK 210 / 212 / 214 / 216**

**Counterbalanced Walkie Stacker (1,800 - 3,000 lb.)**

The EJK 212-216 series of counterbalanced walkie stackers is used for loading and unloading cantilever-type storage racking or can be used where support arm walkie stackers cannot operate. With an overall width of 32.7 inches and a high degree of maneuverability, it can also be operated easily in confined warehouse areas.

In addition, the EJK 210 offers a very short front dimension. The EJK is designed to be used for ease of loading and unloading materials, along with handling:

- Special load sizes.
- Sideways lifting of pallets.
- Minimizing rack collision.

**JUNGHEINRICH®**

# Technical data

as of: 08/2023

					Jungheinrich		Jungheinrich				
					EJG 210 (NA)		EJG 212 (NA)				
Characteristics	1.1	Manufacturer									
	1.2	Model									
	1.3	Drive			electric		electric				
	1.4	Type of operation			Walkie Stacker Counterbalanced		Walkie Stacker Counterbalanced				
	1.5	Load capacity / rated load (24 in / 610 mm)	Q	lb	kg	1,800	830	2,200	1,000		
	Load capacity / rated load (20 in / 500 mm)	c	lb	kg	2,200	1,000	2,600	1,200			
	Wheelbase	y	in	mm	47.6	1,208	48.7	1,238			
Weights	2.1	Service weight without battery			lb	kg	4,169	1,891	4,491	2,037	
	2.2	Axle loading, loaded load / drive <sup>1)</sup>			lb	kg	1,148 / 5,211	522 / 2,369	1,175 / 5,933	534 / 2,697	
	2.3	Axle loading, unloaded, load / drive <sup>1)</sup>			lb	kg	2,286 / 1,874	1,039 / 852	2,495 / 1,986	1,134 / 903	
Wheels, Chassis	3.1	Tires			Polyurethane (PU)		Polyurethane (PU)				
	3.2	Tire size (drive)	d <sub>1</sub>	in	mm	Ø 230 x 70		Ø 230 x 70			
	3.3	Tire size (load)	d <sub>2</sub>	in	mm	Ø 125 x 140		Ø 125 x 140			
	3.5	Wheels, number, front / rear (x=drive wheel)			1 / 2		1 / 2				
	3.7	Tread width		in	mm	26.8	680	26.8	680		
Dimensions	4.2	Lowered mast height (OACH) <sup>2)</sup>			h <sub>1</sub>	in	mm	75.1	1,908	75.1	1,908
	4.3	Fork free lift height (FFH) <sup>2)</sup>			h <sub>2</sub>	in	mm	3.9	100	3.9	100
	4.4	Maximum fork height (MFH) <sup>1)</sup>			h <sub>3</sub>	in	mm	98.4	2,500	98.4	2,500
	4.5	Extended mast height (OAE) <sup>1) 2)</sup>			h <sub>4</sub>	in	mm	123.3	3,133	123.3	3,133
	4.9	Handle height in drive position, minimum / maximum			h <sub>14</sub>	in	mm	49.2 / 40.2	1,250 / 1,022	49.2 / 40.2	1,250 / 1,022
	4.15	Lowered fork height			h <sub>13</sub>	in	mm	2.8	70	2.8	70
	4.19	Overall length			l <sub>1</sub>	in	mm	104.1	2,643	105.2	2,673
	4.20	Length to fork face (headlength)			l <sub>2</sub>	in	mm	58.7	1,491	59.9	1,521
	4.21	Overall width <sup>4)</sup>			b <sub>2</sub>	in	mm	32.7	830	32.7	830
	4.22	Fork dimensions – thickness x width			s / e	in	mm	1.6 / 3.1	40 / 80	1.6 / 3.1	40 / 80
	4.23	Fork carriage ISO 2328, Class / Type				in	mm	2B		2B	
	4.24	Fork carriage width			b <sub>3</sub>	in	mm	26.8	680	26.8	680
	4.25	Width across forks <sup>5)</sup>			b <sub>3</sub>	in	mm	23.7	601	23.7	601
4.32	Ground clearance, under mast (loaded)			m <sup>2</sup>	in	mm	2.0	50	2.0	50	
4.34	Aisle width for right angle stack (40x48 inch pallet lengthways) <sup>5)</sup>				in	mm	127.6	3,240	128.7	3,270	
4.35	Minimum outside turning radius			Wa	in	mm	65.2	1,655	66.3	1,685	
Performance	5.1	Travel speed, loaded / no load <sup>6)</sup>				mph	km/h	3.7 / 3.7	6.0 / 6.0	3.7 / 3.7	6.0 / 6.0
	5.10	Brakes – service					electric		electric		
Electrical	6.1	Drive motor rating S <sub>2</sub> 60 min.				HP	kW	3.8	2.8	3.8	2.8
	6.2	Lift motor rating at S <sub>3</sub> 15%				HP	kW	4.0	3.0	4.0	3.0
	6.4	Battery voltage / nominal capacity				Volts	Ah	24	375	24	375
	6.5	Battery weight, minimum / maximum				lb	kg	571 / 631	259 / 286	571 / 631	259 / 286

1) includes battery weight (see section 6.5)

2) mast example (Two Stage Simplex). Taller and shorter masts are available. Duplex and triplex masts are available.

3) excludes load backrest

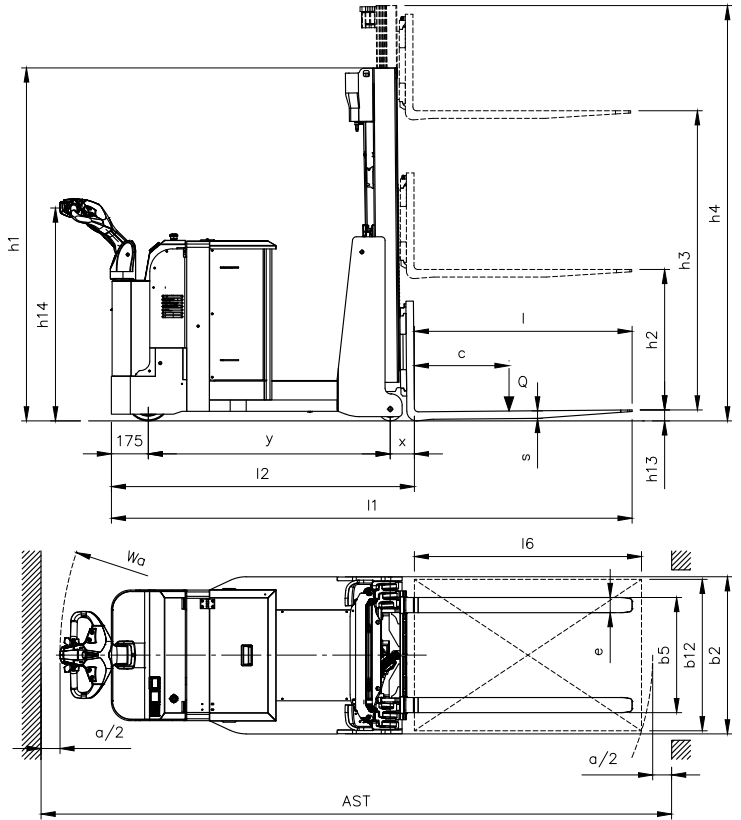
4) travel speed in load direction reduced to 2.8 mph (4.5 km/h)

5) include safe clearance of 8 inches (200mm)

# EJG 210/212/214/216

1.1	Jungheinrich		Jungheinrich	
1.2	<b>EJG 214 (NA)</b>		<b>EJG 216 (NA)</b>	
1.3	electric		electric	
1.4	Walkie Stacker Counterbalanced		Walkie Stacker Counterbalanced	
1.5	2,600	1,160	3,000	1,330
	3,000	1,400	3,500	1,600
1.9	49.5	1,258	50.3	1,278
2.1	4,857	2,203	5,470	2,481
2.2	999 / 6,930	454 / 3,150	1,074 / 7,911	488 / 3,596
2.3	2,587 / 2,259	1,176 / 1,027	2,820 / 2,638	1,282 / 1,199
3.1	Polyurethane (PU)		Polyurethane (PU)	
3.2	Ø 230 x 70		Ø 230 x 70	
3.3	Ø 125 x 140		Ø 125 x 140	
3.5	1 / 2		1 / 2	
3.7	26.8	680	26.8	680
4.2	75.1	1,908	75.1	1,908
4.3	3.9	100	3.9	100
4.4	98.4	2,500	94.5	2,400
4.5	123.3	3,133	121.4	3,083
4.9	49.2 / 40.2	1,250 / 1,022	49.2 / 40.2	1,250 / 1,022
4.15	2.8	70	2.8	70
4.19	106.7	2,710	107.5	2,730
4.20	61.3	1,558	62.1	1,578
4.21	32.7	830	32.7	830
4.22	1.6 / 3.1	40 / 80	1.6 / 3.1	40 / 80
4.23	2B		2B	
4.24	26.8	680	26.8	680
4.25	23.7	601	23.7	601
4.32	2.0	50	2.0	50
4.34	129.5	3,290	130.3	3,310
4.35	67.1	1,705	67.9	1,725
5.1	3.7 / 3.7	6.0 / 6.0	3.7 / 3.7	6.0 / 6.0
5.10	electric		electric	
6.1	3.8	2.8	3.8	2.8
6.2	4.0	3.0	4.0	3.0
6.4	24	375	24	375
6.5	571 / 631	259 / 286	571 / 631	259 / 286

- 1) includes battery weight (see section 6.5)
- 2) mast example (Two Stage Simplex ). Taller and shorter masts are available. Duplex and triplex masts are available.
- 3) excludes load backrest
- 4) travel speed in load direction reduced to 2.8 mph (4.5 km/h)
- 5) include safe clearance of 8 inches (200mm)



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

Efficient trucks for unique applications.

The versatile EJK series is the answer to unique stacking applications where support arm-style-walkies can't get the job done.

### Cantilever stacking

- The cantilever design without interference from support arms allows the transport of sideways pallets or special load carriers
- The generous ground clearance with 7.5-inch load wheels allows the truck to travel over uneven surfaces and low thresholds
- The short overall length makes maneuverability easier in confined areas

### Accurate and comfortable stacking and retrieval

- All lifting and lowering functions are intuitively controlled with the multi-functional tiller arm. This allows the operator to concentrate fully on stacking and retrieving:
- Precise load lifting by speed-controlled and noise-reduced hydraulic motor
- Gentle depositing of loads using proportional hydraulics
- Automatic reduction in speed with raised load



## Safety

Helping to make working safely second nature.

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

### Robust design

The EJK is designed for high-throughput operation:

- Rigid steel frame
- Closed frame

### Intelligent control and drive technology

- Jungheinrich 3-phase AC motors with electronic control are tuned perfectly to the application, offering higher performance and low running costs. Make the most of these advantages:
- High level of efficiency with excellent energy management
- Powerful acceleration
- Rapid direction change



## 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 the strain on the operator.

### Batteries

- Battery compartment accepts a 24-volt industrial battery
- Lateral battery rollers for side extraction opening (optional)

### Additional equipment

- EasyAccess system with full color display
- Keyless PIN code access control (optional)
- Cold store version
- Load guard

### Parts when you need them

Jungheinrich's Parts Fast or Parts Free Guarantee ensures next-business-day delivery by 5:00 p.m. 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.