Counterbalanced walkie stacker

Powerful 3-phase AC drive
motor for maximum performance

Electric steering

Mast tilt

EJG 212–216

Electric Counterbalanced Walkie Stacker (2,600–3,500 lbs.)

The EJG 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 35.4 inches and a high degree of maneuverability, it can also be operated easily in confined warehouse areas. In addition, the EJG 212 offers a very short front dimension.

The EJG 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.

As a universal truck, the EJG offers a number of advantages:

- 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.

The EJG battery compartment accepts a 24-volt industrial battery. Battery compartments for lateral battery exchange are available for multi-shift operations (optional).

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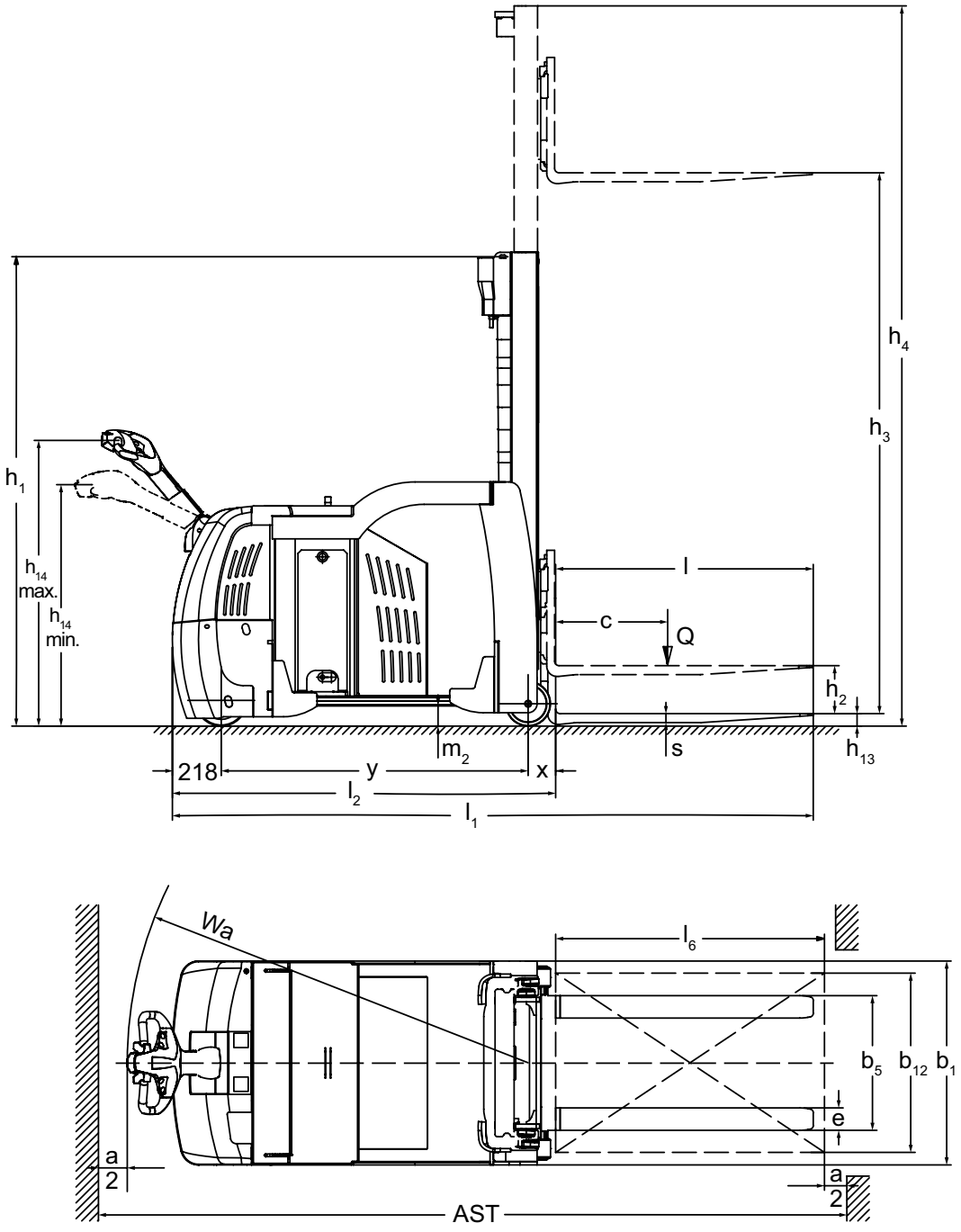
EJG 212 / 214 / 216



Technical Data

as of: 02/2020

Characteristics	1.1	Manufacturer				Jungheinrich®		Jungheinrich®		Jungheinrich®	
	1.2	Model				**EJG 212**		**EJG 214**		**EJG 216**	
	1.3	Drive				electric		electric		electric	
	1.4	Type				counterbalanced walkie stacker		counterbalanced walkie stacker		counterbalanced walkie stacker	
	1.5	Load capacity / rated load	Q	lbs	*kg*	2,646	*1,200*	3,086	*1,400*	3,527	*1,600*
	1.6	Load center distance	c	in	*mm*	19.7	*500*	19.7	*500*	19.7	*500*
	1.9	Wheelbase	y	in	*mm*	44.5	*1,130*	49.2	*1,250*	53.9	*1,370*
Weights	2.1	Service weight without battery		lbs	*kg*	4,341	*1,969*	4,363	*1,979*	4,385	*1,989*
	2.2	Axle loading – loaded, front / rear [1]		lbs	*kg*	1,510 / 6,151	*685 / 2,790*	1,510 / 6,614	685 / 3,000	1,510 / 7,077	*685 / 3,210*
	2.3	Axle loading – unloaded, front / rear [1]		lbs	*kg*	2,954 / 2,061	*1,340 / 935*	3,031 / 2,006	*1,375 / 910*	3,109 / 1,951	*1,410 / 885*
Wheels, Chassis	3.1	Tires				Vulkollan®		Vulkollan®		Vulkollan®	
	3.2	Tire size, front		*mm*		*230 x 100*		*230 x 100*		*230 x 100*	
	3.3	Tire size, rear		*mm*		*200 x 100*		*200 x 100*		*200 x 100*	
	3.5	Wheels – number, front / rear (x=driven)				1 / 2		1 / 2		1 / 2	
Dimensions	4.2	Lowered height (OAL) [2]	h_1	in	*mm*	85.2	*2,165*	85.2	*2,165*	85.2	*2,165*
	4.3	Fork free lift height (FFH) [2]	h_2	in	*mm*	3.9	*100*	3.9	*100*	3.9	*100*
	4.4	Maximum fork height (MFH) [2]	h_3	in	*mm*	114.2	*2,900*	114.2	*2,900*	110.2	*2,800*
	4.5	Extended mast height (OAE) [2] [3]	h_4	in	*mm*	145.1	*3,685*	145.1	*3,685*	141.1	*3,585*
	4.9	Handle height in drive position, minimum / maximum	h_{14}	in	*mm*	42.5 / 50.6	*1,080 / 1,285*	42.5 / 50.6	*1,080 / 1,285*	42.5 / 50.6	*1,080 / 1,285*
	4.15	Height, lowered	h_{13}	in	*mm*	2.0	*50*	2.0	*50*	2.0	*50*
	4.19	Overall length	l_1	in	*mm*	103.5	*2,630*	108.3	*2,750*	113.0	*2,870*
	4.20	Length to fork face, headlength	l_2	in	*mm*	58.3	*1,480*	63.0	*1,600*	67.7	1,720
	4.21	Overall width	b_1	in	*mm*	35.4	*900*	35.4	*900*	35.4	*900*
	4.22	Fork dimensions, thickness / width	s/e	in	*mm*	1.6 / 3.1	*40 / 80*	1.6 / 3.1	*40 / 80*	1.6 / 3.1	*40 / 80*
	4.23	Fork carriage ISO 2328, class/type A/B	b_2	in	*mm*	*2B*		*2B*		*2B*	
	4.24	Fork carriage width	b_3	in	*mm*	26.8	*680*	26.8	*680*	26.8	*680*
	4.25	Width across forks	b_5	in	*mm*	22.8	*580*	22.8	*580*	22.8	*580*
	4.32	Ground clearance, center of wheelbase	m_2	in	*mm*	3.5	*90*	3.5	*90*	3.5	*90*
	4.34	Aisle width for pallets 800 x 1200 lengthways	Ast	in	*mm*	122.4	3,110	127.2	3,230	131.9	3,350
	4.35	Turning radius	Wa	in	*mm*	64.2	*1,630*	68.9	*1,750*	73.6	*1,870*
Performance	5.1	Travel speed, loaded / unloaded		mph	*km/h*	3.6 / 3.6	*5.8 / 5.8*	3.6 / 3.6	*5.8 / 5.8*	3.6 / 3.6	*5.8 / 5.8*
	5.2	Lift speed, loaded / unloaded		ft / min	*km/h*	29.5 / 49.2	*0.15 / 0.25*	29.5 / 49.2	*0.15 / 0.25*	29.5 / 49.2	*0.15 / 0.25*
	5.3	Lowering speed, loaded / unloaded		ft / min	*m / s*	72.8 / 67	*0.37 / 0.34*	72.8 / 67	*0.37 / 0.34*	72.8 / 67	*0.37 / 0.34*
	5.10	Service brake				electric		electric		electric	
Motors	6.1	Drive motor (output S_2 60 min.)		hp / kW		3.8 / 2.8		3.8 / 2.8		3.8 / 2.8	
	6.2	Lift motor (output at S_3 15%)		hp / kW		4.0 / 3.0		4.0 / 3.0		4.0 / 3.0	
	6.4	Battery voltage, nominal capacity K5		V / Ah		24 / 375		24 / 375		24 / 375	
	6.5	Battery weight, minimum / maximum		lbs	*kg*	620 / 686	*281 / 311*	620 / 686	*281 / 311*	620 / 686	*281 / 311*
Misc.	8.1	Type of drive control				AC speedCONTROL		AC speedCONTROL		AC speedCONTROL	

1) includes battery weight (see section 6.5)

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

3) excludes load backrest

The Jungheinrich Advantage

Ergonomic operating handle

Increase in ground clearance with large load wheels

Excellent view of the load for precise positioning

Lateral battery exchange (optional)

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

Robust design

The EJG is designed for high-throughput operation:

- 8 mm 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

Batteries

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

Additional equipment

- Mast tilt
- CanDis control instrument
- CanCode access control
- 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.

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