

## Self-supporting tiller-controlled stacker (no driver certificate required)

Compact and manoeuvrable

Precise load positioning  
with proportional hydraulics

Impulse control with SpeedControl



## EJK 206–212

### Self-supporting tiller-controlled stacker (600–1200 kg)

The EJK as a self-supporting tiller-controlled stacker is applied wherever support arm stackers cannot be used (e.g. during sideways pick-up of pallets, with special loading aids, where racking with collision protection is installed). With a total width of only 850 mm, the truck can also be effortlessly manoeuvred in confined warehouse areas.

The EJK in pedestrian mode can be operated without a driver certificate and is therefore suitable for applications where personnel change frequently.

As a flexible universal stacker, the EJK is also the right truck for tougher applications. Advantages:

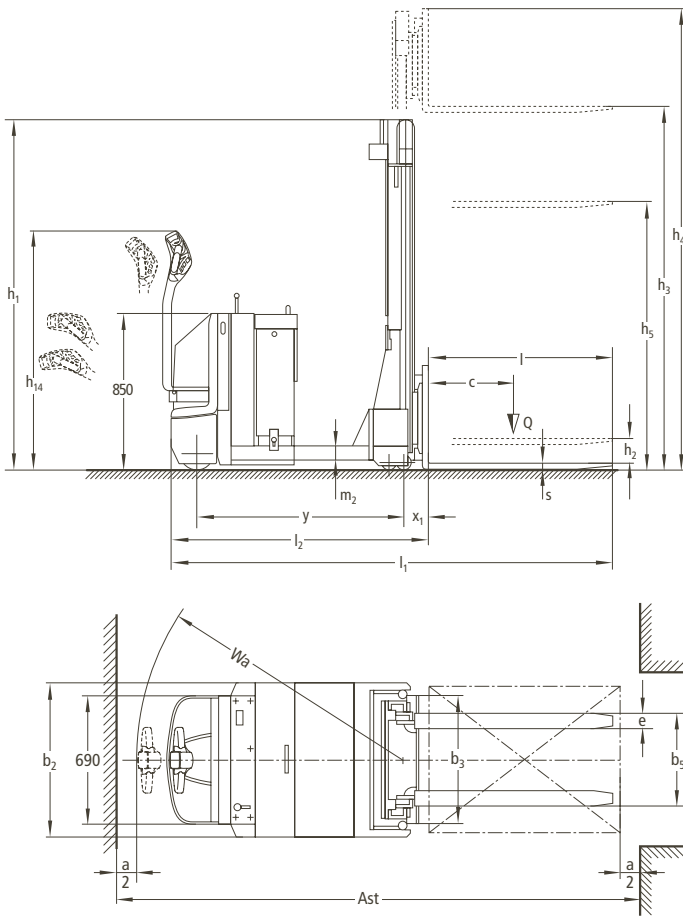
- Very robust chassis and load section.
- Powerful motors.
- Most up-to-date control electronics.
- Excellent energy management.

Ergonomic advantages:

- The low mounted long tiller ensures a safe distance in all situations.
- The crawl speed button helps in very confined spaces. It facilitates travel with the tiller in upright position at an automatically reduced speed.

The EJK takes all its power requirements from batteries with up to 375 Ah.

# EJG 206-212



Mast table EJG				
Designation	Closed height $h_1$ mm	Free lift $h_2$ mm	Lift height $h_3$ mm	Extended height $h_4$ mm
Two-stage mast ZT	1750	100	2500	3120
	1950	100	2900	3520
	2100	100	3200	3820
	2650	100	4300	4930
Two-stage mast ZZ	1700	1070	2500	3130
	1900	1270	2900	3530
	2050	1420	3200	3830
	2600	1970	4300	4930
Three-stage mast DZ	1850	1320	4000	4670
	1950	1420	4300	4970
	2260	1725	5200	5870

# Technical data in line with VDI 2198 as at: 01/2007

Identification	1.1	Manufacturer (abbreviation)	Jungheinrich	Jungheinrich	Jungheinrich	Jungheinrich	1.1	
	1.2	Manufacturer's type designation	<b>EJG 206</b>	<b>EJG 208</b>	<b>EJG 210</b>	<b>EJG 212</b>	1.2	
	1.3	Drive	electric	electric	electric	electric	1.3	
	1.4	Operator type	pedestrian	pedestrian	pedestrian	pedestrian	1.4	
	1.5	Load capacity/rated load	Q (t)	0.6	0.8	1.0	1.2	1.5
	1.6	Load centre distance	c (mm)	500	500	500	500	1.6
	1.8	Load distance, centre of drive axle to fork	x (mm)	180	180	180	180	1.8
	1.9	Wheelbase	y (mm)	1052	1202	1352	1502	1.9
	Weights	2.1	Service weight incl. battery (see line 6.5)	kg	2050	2110	2170	2230
2.2		Axle loading, laden front/rear	kg	450/2200	450/2460	450/2720	450/2780	2.2
2.3		Axle loading, unladen front/rear	kg	850/1200	930/1180	1000/1170	1070/1160	2.3
Wheels, Chassis	3.1	Tyres	Vulkollan®	Vulkollan®	Vulkollan®	Vulkollan®	3.1	
	3.2	Tyre size, front	230x70	230x70	230x70	230x70	3.2	
	3.3	Tyre size, rear	85x60/85x100	85x60/85x100	85x60/85x100	85x60/85x100	3.3	
	3.5	Wheels, number front rear (x = driven wheels)	1x/6	1x/6	1x/6	1x/6	3.5	
Basic Dimensions	4.2	Closed mast height	h <sub>1</sub> (mm)	1750	1750	1750	1750	4.2
	4.3	Free lift	h <sub>2</sub> (mm)	100	100	100	100	4.3
	4.4	Lift	h <sub>3</sub> (mm)	2500	2500	2500	2500	4.4
	4.9	Height of tiller in drive position min./max.	h <sub>14</sub> (mm)	850/1305	850/1305	850/1305	850/1305	4.9
	4.15	Height, lowered	h <sub>13</sub> (mm)	50	50	50	50	4.15
	4.19	Overall length	l <sub>1</sub> (mm)	2542	2692	2842	2992	4.19
	4.20	Length to face of forks	l <sub>2</sub> (mm)	1392	1542	1692	1842	4.20
	4.21	Overall width	b <sub>1</sub> /b <sub>2</sub> (mm)	690/850	691/850	692/850	693/850	4.21
	4.22	Fork dimensions	s/e/l (mm)	40x80x1150	40x80x1150	40x80x1150	40x80x1150	4.22
	4.24	Fork-carriage width	b <sub>3</sub> (mm)	850	850	850	850	4.24
	4.31	Ground clearance, laden, below mast	m <sub>1</sub> (mm)	40	40	40	40	4.31
	4.32	Ground clearance, centre of wheelbase	m <sub>2</sub> (mm)	30	30	30	30	4.32
	4.34	Aisle width for pallets 800x1200 lengthways	Ast (mm)	2942	3092	3242	3392	4.34
4.35	Turning radius	Wa (mm)	1350	1500	1650	1800	4.35	
Performance Data	5.1	Travel speed, laden/unladen	km/h	5.0/5.8	4.5/5.8	4.0/5.8	4.0/5.8	5.1
	5.2	Lift speed, laden/unladen	m/s	0.13/0.23	0.13/0.23	0.13/0.23	0.13/0.23	5.2
	5.3	Lowering speed, laden/unladen	m/s	0.4/0.4	0.4/0.4	0.4/0.4	0.4/0.4	5.3
	5.10	Service brake		electro-mechanical	electro-mechanical	electro-mechanical	electro-mechanical	5.10
Electric engine	6.1	Drive motor rating S <sub>2</sub> 60 min	kW	1.5	1.5	1.5	1.5	6.1
	6.2	Lift motor rating at S <sub>3</sub> 15%	kW	2.0	2.0	2.0	2.0	6.2
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		A	A	A	A	6.3
	6.4	Battery voltage, nominal capacity K <sub>5</sub>	V/Ah	24/345	24/345	24/345	24/345	6.4
	6.5	Battery weight	kg	306	306	306	306	6.5
Others	8.1	Type of drive control		SpeedControl	SpeedControl	SpeedControl	SpeedControl	8.1

# Make use of the advantages



Flexible universal stacker

## Powerful drive motor and "intelligent" control

Advanced shunt-wound drive technology and control electronics (SpeedControl) ensure safe travel with adjustment possibilities for every application:

- The speed set on the travel switch is maintained in all travel situations, including on upward and downward gradients.

- The EJK brakes automatically if unintentional roll-back occurs on the ramp.
- Adjustable travel parameters mean the truck can be adapted to your individual requirements.
- Regenerative braking, reclaiming battery power when the truck decelerates.
- 2-year warranty on drive motor.

## Comfortable stacking and retrieval

All lifting and lowering functions can be controlled from the tiller head, eliminating the need to reach round. The EJK has a lever on the truck chassis for particularly sensitive lifting and lowering.

## Reduced maintenance

Service-friendly components ensure long-term reduction in operating costs:

- Easy access to all components due to the one-piece front cover.
- The drive wheel is detachable quickly and easily through a drill hole in the chassis apron.

## Robust construction also for intensive applications

- Chassis made of high-quality 8 mm steel.
- Additional collision protection on battery compartment.
- The robust chassis also serves as counterweight.



EJK operator workplace

## Batteries

- Standard: 3 EPzS 345 Ah.
- Increased capacity: 3 EPzS 375 Ah.

## Well informed at any time

Control instruments such as battery discharge meter provide a complete overview at any time.

## Jungheinrich UK Ltd.

Head Office:

Sherbourne House · Sherbourne Drive  
Tilbrook · Milton Keynes MK7 8HX  
Phone 01908 363100  
Fax 01908 363180

info@jungheinrich.co.uk  
www.jungheinrich.co.uk

Jungheinrich AG  
ISO 9001, ISO 14001  
Certification of Quality and  
Environment Management.



Jungheinrich trucks  
conform to the European  
Safety Requirements.



**JUNGHEINRICH**  
Well worthwhile