

**Adjustable support arms and forks
for picking up perimeter based pallets**

Impulse control with SpeedControl

**Sensitive lifting and lowering with
proportional technology**

High residual capacity at high lift heights



EJC B14/B16

Electric pedestrian straddle stacker (1400/1600 kg)

The EJC B14/B16 is mainly designed for the flexible handling of perimeter based pallets and special loads. Due to its widened support arms and forged forks that can be lowered down to the floor, it can go underneath the load during pick-up. Perimeter board pallets can therefore be picked up crossways as with a counter-balanced stacker.

The powerful 3 kW lift motor can easily manage any type of load. Due to its solid and rigid construction, the EJC B achieves high residual capacities up to 5350 mm

lift height. The rigid and contoured 8 mm chassis protects against knocks and collisions.

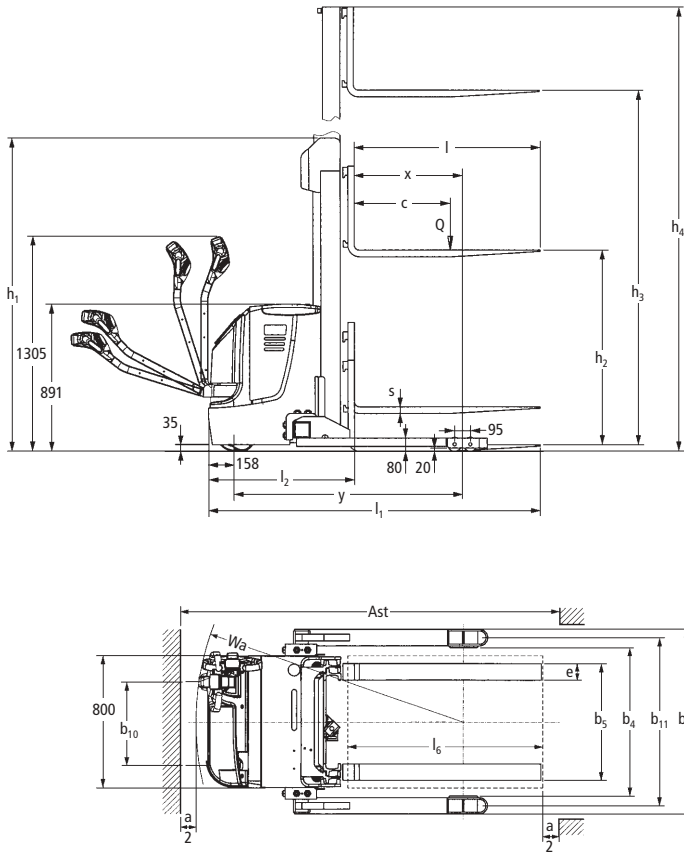
The support arms and FEM forks are adjustable and allow the handling of various loads and pallet sizes. 4-point wheel contact and the widened solid steel support arms, ensure excellent stability and high residual capacities.

The low-mounted long tiller provides a large safety distance from operator to truck. If space becomes tight, a press on

the crawl speed button is sufficient for manoeuvring the EJC B with the tiller in an upright position. The side mounting of the tiller always provides unobstructed visibility towards the load.

The EJC B is equipped with proportional hydraulics. This allows fragile goods to be stacked precisely and deposited softly on the floor or in the racking. The operator controls all hydraulic functions with the multifunction tiller head without having to reach round.

EJC B14/B16



Standard mast designs (mm)								
Designation	Closed mast height	Free lift	Lift height	Extended mast height	Closed mast height	Free lift	Lift height	Extended mast height
	h_1^*	h_2	h_3	h_4	h_1^*	h_2	h_3	h_4
	EJC B14				EJC B16			
Duplex masts ZT	1750	100	2500	3060	1750	100	2400	2960
	1850	100	2700	3260	1850	100	2600	3160
	1950	100	2900	3460	1950	100	2800	3360
	2110	100	3200	3760	2100	100	3100	3660
	2300	100	3600	4160	2300	100	3500	4060
	-	-	-	-	2450	100	3800	4360
	2550	100	4100	4660	2550	100	4000	4560
2650	100	4300	4860	2650	100	4200	4760	
Duplex masts ZZ	1700	1207	2500	3060	1700	1167	2400	2960
	1900	1407	2900	3460	1900	1367	2800	3360
	2050	1557	3200	3760	2050	1517	3100	3660
	2250	1757	3600	4160	2250	1717	3500	4060
	2500	2007	4100	4660	2500	1967	4000	4560
	2600	2107	4300	4860	2600	2067	4200	4760
Triplex masts DZ	1830	1350	4090	4650	1830	1300	3990	4550
	1900	1420	4300	4860	1900	1370	4200	4760
	2250	1770	5350	5910	2250	1720	5250	5810

* ZT mast: 100 mm free lift

Technical Data in line with VDI 2198 as at: 03/2006

Identification	1.1	Manufacturer (abbreviation)		Jungheinrich	Jungheinrich	1.1
	1.2	Manufacturer's type designation		EJC B14	EJC B16	1.2
	1.3	Drive		electric (battery)	electric (battery)	1.3
	1.4	Type of operation		pedestrian	pedestrian	1.4
	1.5	Load capacity/rated load	Q (t)	1,4	1,6	1.5
	1.6	Load centre distance	c (mm)	600	600	1.6
	1.8	Load distance, centre of drive axle to fork	x (mm)	667	667	1.8
	1.9	Wheelbase	y (mm)	1409	1409	1.9
	Weights	2.1	Service weight incl. battery (see line 6.5)	kg	1260	1260
2.2		Axle loading, laden front/rear	kg	840/1820	850/2010	2.2
2.3		Axle loading, unladen front/rear	kg	830/430	830/430	2.3
Wheels, Chassis	3.1	Tyres		PU	PU	3.1
	3.2	Tyre size, front		230 x 70	230 x 70	3.2
	3.3	Tyre size, rear		85 x 75	85 x 75	3.3
	3.4	Additional wheels (dimensions)		140 x 54	140 x 54	3.4
	3.5	Wheels, number front/rear (x = driven wheels)		1+1x/4	1+1x/4	3.5
	3.6	Tread, front	b ₁₀ (mm)	509	509	3.6
	3.7	Tread, rear	b ₁₁ (mm)	1020/1470	1020/1470	3.7
Basic Dimensions	4.2	Closed mast height	h ₁ (mm)	1950	1950	4.2
	4.3	Free lift	h ₂ (mm)	100	100	4.3
	4.4	Lift	h ₃ (mm)	2900	2800	4.4
	4.5	Height, mast extended	h ₄ (mm)	3460	3360	4.5
	4.9	Height of tiller in drive position min./max.	h ₁₄ (mm)	850/1305	850/1305	4.9
	4.19	Overall length	l ₁ (mm)	2050	2050	4.19
	4.20	Length to face of forks	l ₂ (mm)	900	900	4.20
	4.21	Overall width	b ₁ /b ₂ (mm)	1120/1570	1120/1570	4.21
	4.22	Fork dimensions	s/e/l (mm)	40/100/1150	40/100/1150	4.22
	4.24	Fork carriage width	b ₃ (mm)	800	800	4.24
	4.25	Distance between fork-arms	b ₅ (mm)	316/697	316/697	4.25
	4.31	Ground clearance, laden, below mast	m ₁ (mm)	50	50	4.31
	4.32	Ground clearance, centre of wheelbase	m ₂ (mm)	30	30	4.32
	4.33	Aisle width for pallets 1000x1200 crossways	Ast (mm)	2515	2515	4.33
	4.34	Aisle width for pallets 800x1200 lengthways	Ast (mm)	2495	2495	4.34
4.35	Turning radius	Wa (mm)	1629	1629	4.35	
Performance Data	5.1	Travel speed, laden/unladen	km/h	6,0/6,0	6,0/6,0	5.1
	5.2	Lift speed, laden/unladen	m/s	0,15/0,23	0,14/0,23	5.2
	5.3	Lowering speed, laden/unladen	m/s	0,44/0,42	0,40/0,40	5.3
	5.8	Max. gradeability, laden/unladen	%	8/16	7/16	5.8
	5.10	Service brake		electromagnetic	electromagnetic	5.10
E-Motor	6.1	Drive motor rating S ₂ 60 min.	kW	1,3	1,5	6.1
	6.2	Lift motor rating at S ₃ 15%	kW	3	3	6.2
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		3 EPzS	3 EPzS	6.3
	6.4	Battery voltage, nominal capacity K ₅	V/Ah	24/345	24/345	6.4
	6.5	Battery weight	kg	288	288	6.5

Make use of the advantages

Powerful and robust

The powerful 1.5 kW shunt-wound drive motor (EJC B14: 1.3 kW) has a high load carrying ability with high power reserves. In combination with the robustly constructed chassis and rigid mast, the truck is ideally suitable for heavy loads and high throughput. Other advantages:

- Fast lifting times even with full load due to a strong 3 kW lift motor.
- Two year warranty on drive motor.

Flexible and safe operation

The EJC B with its FEM fork carriage is suitable for many applications and for adapting to different loads: from forged forks with various lengths and dimensions to fitting attachments with, for example, hydraulic functions (optional). Other advantages:



The EJC B 14 during stacking manoeuvres

- Excellent stability during travel due to sideways extendable support arms (900–1350 mm).
- The operator remains safely within the truck contours during travel in drive direction.

Comfortable travel

The Jungheinrich electronic impulse control (SpeedControl) gives smooth, safe travel adjustable to every application:

- The required speed will be maintained in every travel situation – on both up and down gradients. The top speed of 6 km/h is also maintained with full load.
- Regenerative braking during deceleration.
- Individually adjustable travel parameters tailors the truck to every application.
- Low noise level during travel.

Safe and comfortable stacking

All lifting and lowering functions are comfortably controlled by the multifunction tiller head without having to reach round. The operator can therefore fully concentrate on stacking and retrieval. There are other performance characteristics that make stacking and retrieval particularly safe and cost-effective:

- Precise and sensitive lifting and lowering due to proportional hydraulics.
- Long safety tiller for adequate safety distance between operator and truck.
- Crawl speed button for manoeuvring in tight spaces with tiller in upright position.
- Jungheinrich support wheel ProTrac: excellent traction also on uneven floors.



ProTrac support wheel for excellent traction on flat as well as uneven floors

Plenty of convenient storage areas

- Pencil mould and paper holder
- Document compartment on front cover (optional)

Long application times

- Two chassis designs for batteries up to 270 Ah (3 EPzS 240/270) or 375 Ah (3 EPzS 345/375) for long operational times.
- Battery changing is carried out vertically

Additional equipment

- Cold store version
- Access authorisation via CanCode
- Load guard

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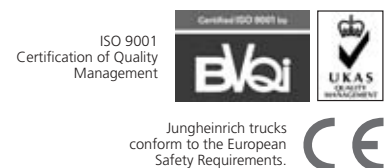
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