



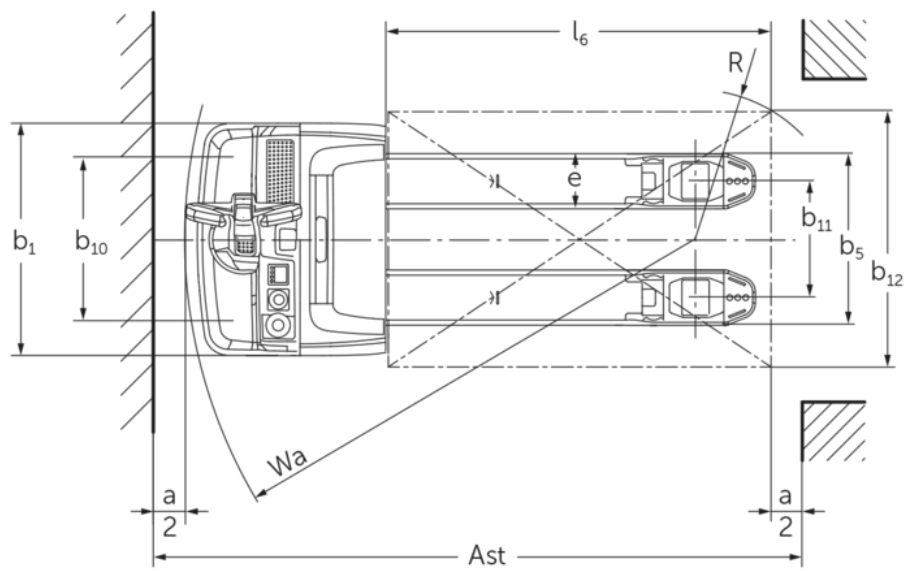
Electric pedestrian pallet truck

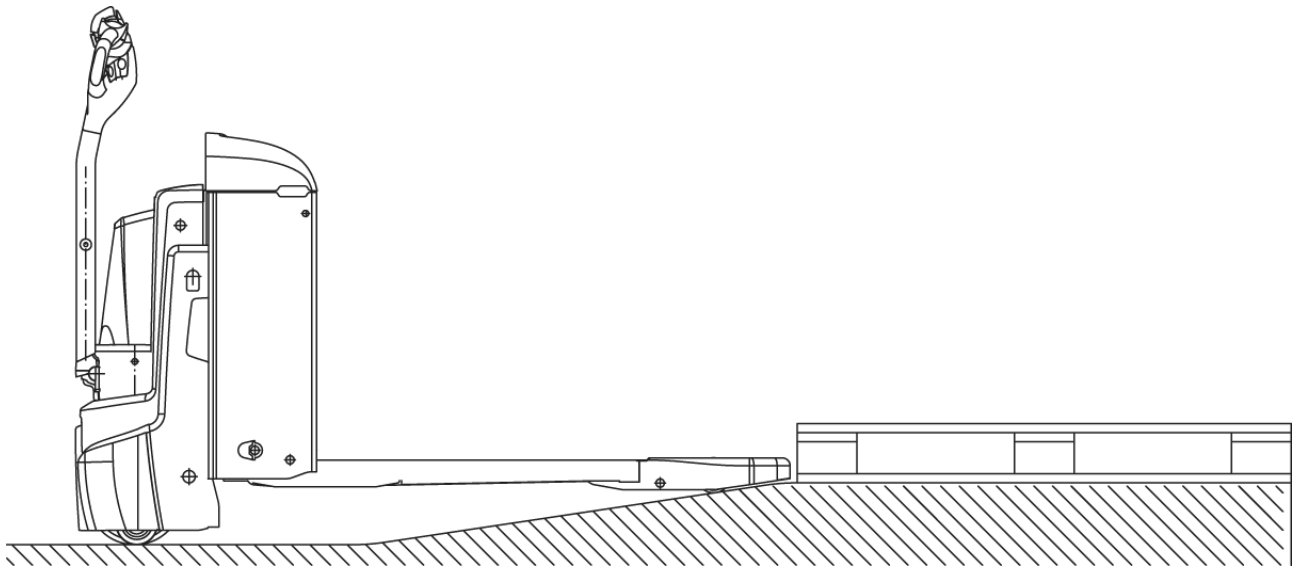
EJE 222r / 225r

Lift height: 122 mm / Load capacity: 2200-2500 kg

The diagram illustrates a mobile manipulator system with a base and two articulated arms. Key dimensions and forces are labeled as follows:

- $h_{14} \text{ max.}$ and $h_{14} \text{ min.}$: Vertical dimensions of the articulated arms.
- l : Total horizontal distance from the base to the end effector.
- x : Horizontal distance from the base to the center of gravity (C).
- c : Horizontal distance from the base to the point of application of force Q .
- Q : Downward force applied at distance c .
- h_3 : Vertical distance from the ground to the top of the base.
- m_2 : Mass of the base.
- s : Horizontal distance from the base to the center of gravity of the base.
- h_{13} : Vertical distance from the ground to the center of gravity of the base.
- y : Horizontal distance from the base to the end effector.
- l_2 : Horizontal distance from the base to the center of gravity of the base.
- l_1 : Horizontal distance from the base to the end effector.





VDI table

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich	
	1.3	Drive			Electric	
	1.4	Operation			Pedestrian	
	1.5	Load capacity/load	Q	kg	2200	2500
	1.6	Load centre distance	c	mm	600	
	1.8	Load distance, centre of drive axle to fork	x	mm	908	
	1.9	Wheelbase	y	mm	1351	
Weights	2.1.1	Service weight (incl. battery)		kg	560	
	2.2	Axle load laden front/rear		kg	889 / 1885	980 / 2087
	2.3	Axle load unladen front/rear		kg	418 / 142	
Wheels/suspension system	3.1	Tyres			Polyurethane (PU)	
	3.2	Tyre size, front			Ø 230 x 70	
	3.3	Tyre size, rear			Ø 85 x 110	
	3.4	Additional wheels			Ø 100 x 40	
	3.5	Wheels, number front/back (x=driven)			1x +2 / 2	
	3.6	Tread width, front	b10	mm	510	
	3.7	Tread width, rear	b11	mm	363	
Basic dimensions	4.4	Lift (h3)	h3	mm	122	
	4.9	Height of tiller handle in drive position min./max.	h14	mm	750 / 1237	
	4.15	Height, lowered	h13	mm	85	
	4.19	total length	l1	mm	1737	
	4.20	Length including fork shank	l2	mm	587	
	4.21.1	total width	b1	mm	724	
	4.22	Fork dimensions	s/e/l	mm	55 x 172 x 1150	
	4.25	Width across forks	b5	mm	535	
	4.32	Ground clearance centre of wheelbase	m2	mm	30	
	4.34.1	Aisle width (pallet 1000×1200 sideways)	Ast	mm	2338	
	4.34.2	Aisle width (pallet 800x1200 length)	Ast	mm	2227	
	4.35	Turning radius	Wa	mm	1532	
Performance data	5.1	Travel speed laden/unladen		km/h	6 / 6	
	5.2	Lift speed laden/unladen		m/s	0.05 / 0.07	
	5.3	Lowering speed laden/unladen		m/s	0.05 / 0.04	
	5.8	Max. gradeability laden/unladen		%	8 / 20	
	5.10	Service brake			generative	
E-motor/Electronics	6.1	Drive motor, performance S2 60 min		kW	1.7	
	6.2	Lift motor, performance with S3		kW	2.2	
	6.4	Battery voltage/nominal capacity		V / Ah	24 / 250	
	6.5	Battery weight		kg	220	
	6.6.1	Energy consumption according to EN cycle		kWh/h	0.35	0.37
	6.6.2	CO2 equivalent as per EN 16796		kg/h	0.2	
	6.7	Throughput		t/h	123	148
	6.8.1	Energy consumption with max. throughput		kWh/h	0.77	0.82

Other	8.1	Type of drive control		AC
	10.7	Sound pressure level according to EN12053	dB (A)	70
- This data sheet according to VDI guideline 2198 only states the technical values of the standard truck. Different tyres, other masts, additional equipment etc. may result in different values.				

- VDI no. 1.8: 1.9: 4.35: lowered load section: + 56 mm
- VDI no. 4.34: lowered load section: + 25 mm
- VDI no. 1.9: 4.19: 4.19.1: 4.20: 4.33: 4.34: 4.35: with lateral battery exchange: M - L / M LBE + 72 mm; L - L LBE + 53 mm

The German production facilities in
Norderstedt, Moosburg and Landsberg are
certified as well as our Genuine Parts
Center in Kaltenkirchen.

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet European
safety requirements.



 **JUNGHEINRICH**