

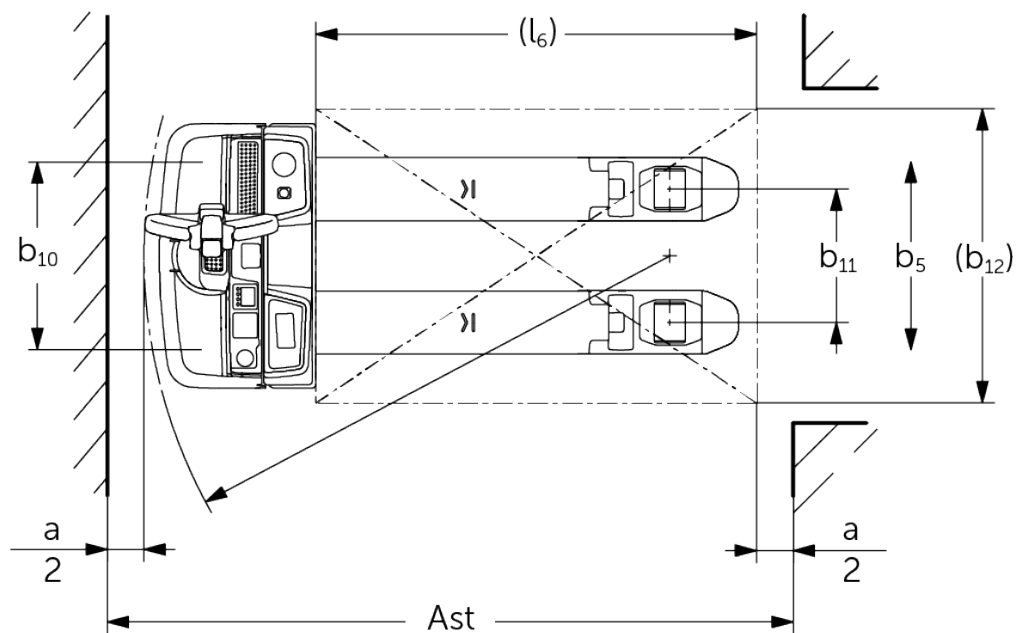


Electric pedestrian pallet truck **EJE 114i-120i**

Lift height: 122 mm / Load capacity: 1400-2000 kg



Technical diagram of a prosthetic arm showing dimensions and forces. The diagram includes labels for joint heights ($h_{14 \text{ max.}}$, $h_{14 \text{ min.}}$), horizontal distances (X , C , y , l_2), a vertical force (Q), a horizontal force (S), a moment (m_2), and other heights (h_3 , h_{13}).



VDI table

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich			
	1.2	Manufacturer's type designation		EJE 1i			
	1.3	Drive		Electric			
	1.4	Operation		Pedestrian			
	1.5	Load capacity/load	Q kg	1400	1600	1800	2000
	1.6	Load centre distance	c mm	600			
	1.8	Load distance, centre of drive axle to fork	x mm	897			
	1.9	Wheelbase	y mm	1180			
	Weights	2.1.1	Service weight (incl. battery)	kg	311	315	
2.2		Axle load laden front/rear	kg	685 / 1026	757 / 1158	772 / 1343	776 / 1539
2.3		Axle load unladen front/rear	kg	244 / 67	246 / 69		
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 95	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	690 / 1235			
	4.15	Height, lowered	h13 mm	85			
	4.19	total length	l1 mm	1575			
	4.20	Length including fork shank	l2 mm	425			
	4.21.1	total width	b1 mm	720			
	4.22	Fork dimensions	s/ e/l mm	55 x 150 x 1150	55 x 172 x 1150		
	4.25	Width across forks	b5 mm	513	535		
	4.32	Ground clearance centre of wheelbase	m2 mm	30			
	4.34.1	Aisle width (pallet 1000x1200 sideways)	Ast mm	2173			
	4.34.2	Aisle width (pallet 800x1200 length)	Ast mm	2066			
	4.35	Turning radius	Wa mm	1364			
Performance data	5.1	Travel speed laden/unladen	km/h	5 / 5	6 / 6		
	5.2	Lift speed laden/unladen	m/s	0.03 / 0.03	0.05 / 0.06		
	5.3	Lowering speed laden/unladen	m/s	0.05 / 0.02	0.06 / 0.05		
	5.8	Max. gradeability laden/unladen	%	8 / 20	10 / 20		
	5.10	Service brake		generative			

E-motor/Electronics	6.1	Drive motor, performance S2 60 min	kW	0.9	1.1		
	6.2	Lift motor, performance with S3	kW	1.2			
	6.3	Battery according to DIN 43531/35/36		no			
	6.4	Battery voltage/nominal capacity	V / Ah	25.6 / 50			
	6.5	Battery weight	kg	23.8			
	6.6.1	Energy consumption according to EN cycle	kWh/h	0.3	0.31	0.33	0.35
	6.6.2	CO2 equivalent as per EN 16796	kg/h	0.2			
	6.7	Throughput	t/h	59	101	117	129
Other	8.1	Type of drive control		AC			
	10.7	Sound pressure level according to EN12053	dB (A)	61	58		
- 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.							

The specified values refer to the XS battery compartment with 50-Ah battery and raised load section.

- VDI no. 1.8: lowered load section: x + 67 mm.
- VDI no. 1.9: with S battery compartment: y + 50 mm; load section: y + 67 mm.
- VDI no. 3.3: applies for single load wheel; EJE 114i: with tandem: Ø 82 x 70; with triplex: Ø 82 x 35; EJE 116i - 120i: with tandem: Ø 82 x 85; with triplex: Ø 82 x 42.
- VDI no. 4.15: with tandem rollers and triplex rollers h13 is = 83 mm.
- VDI no. 4.19: with S battery compartment: l1 + 50 mm.
- VDI no. 4.20: with S battery compartment: l2 + 50 mm.
- VDI no. 4.34.1: with S battery compartment: aisle width + 50 mm.
- VDI no. 4.34.2: with S battery compartment: aisle width + 50 mm.
- VDI no. 4.35: with S battery compartment: Wa + 50 mm; load section lowered: Wa + 67 mm.
- VDI no. 6.2: lift motor, performance with 4.5% ED.

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 **JUNGHEINRICH**