



Electric ride-on/pedestrian pallet truck **ERE 120–230**

Lift height: 122 mm / Load capacity: 2000-3000 kg

JUNGHEINRICH

ERE 120-230





VDI table

		Jungheinrich								
		ERE 120 6km/h	ERE 120 9 km/h	ERE 125	ERE 225	ERE 225 drivePLUS	ERE 230	ERE 230 drivePLUS		
Characteristic	1.1	Manufacturer (abbreviated description)								
	1.2	Manufacturer's type designation								
	1.3	Drive type	electric							
	1.4	Operation	Tiller							
	1.5	Load capacity/load	Q	kg	2000	2500		3000		
	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	1378				1450	
	Weights	2.1	Netto weight	kg	400		404		424	
2.1.1		Service weight (incl. battery)	kg	630		634		721		
2.2		Axle load laden front/rear	kg	795 / 1825		1126 / 2090		1239 / 2494		
2.3		Axle load unladen front/rear	kg	474 / 138		550 / 159		565 / 160		
Wheels/chassis	3.1	Tyres	Vulkollan®/PU + quartz/Vulkollan®							
	3.2	Tyre size, front	Ø 230 x 65			Ø 230 x 77				
	3.3	Tyre size, rear	Ø 85 x 110 / Ø 85 x 85					Ø 85 x 85		
	3.4	Additional wheels	Ø 140 x 57							
	3.5	Wheels, number front/back (x=driven)	1x +2/2 oder 4						1x +2/4	
	3.6	Tread width, front	b10	mm	363					
	3.7	Tread width, rear	b11	mm	512					
Basic dimensions	4.4	Lift (h3)	h3	mm	122					
	4.9	Height of tiller handle in drive position min./max.	h14	mm	1137 / 1419					
	4.15	Height, lowered	h13	mm	85					
	4.19	Total length	l1	mm	1847			1919		
	4.20	Length including fork shank	l2	mm	697			769		
	4.21.1	total width	b1	mm	770					
	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	2411			2483		
	4.34.2	Aisle width (pallet 800×1200 length)	Ast	mm	2299			2372		
4.34.8	Aisle width (pallet 800×1200 crosswise)	Ast	mm	2414			2486			
4.35	Turning radius	Wa	mm	1604			1677			
Performance data	5.1	Travel speed laden/unladen	km/h	6 / 6	8 / 9	9 / 9	9.5 / 12.5	9.5 / 14	6 / 12.5	6 / 14
	5.2	Lift speed laden/unladen	m/s	0.04 / 0.04		0.05 / 0.07				
	5.3	Lowering speed laden/unladen	m/s	0.05 / 0.04		0.05 / 0.05				
	5.8	Max. gradeability laden/unladen	%	5 / 7	8 / 16			6 / 16		
	5.10	Service brake	generative							

Electric motor/electronics	6.1	Drive motor, performance S2 60 min	kW	2	2.8	3.2	2.8	3.2		
	6.2	Lift motor, performance with S3	kW	1.2	2.2					
	6.3	Battery according to DIN 43531/35/36		B	-				B	
	6.4	Battery voltage/nominal capacity	V / Ah	24 / 250				24 / 375		
	6.5	Battery weight	kg	230				297		
	6.6.1	Energy consumption according to EN cycle	kWh/h	0.4	0.43	0.4	0.35	0.39	0.36	0.41
	6.6.2	CO2 equivalent according to EN ISO 23308	kg/h0	0.2						
	6.7	Throughput	t/h	114	142	156	184	222	220	266
	6.8.1	Energy consumption with max. throughput	kWh/h	0.74	1.11	1.18	1.29	1.89	1.45	2.05
Other	8.1	Type of drive control		AC						
	10.7	Sound pressure level according to EN12053	dB (A)	63	64	67	64	67		
<p>- 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.</p>										

The values in the table apply to the folding stand-on platform (folded up), M-LBE battery compartment, fork length 1,150 mm, raised support arm lift.

- VDI no. 1.8: lowered load section: $x + 56$ mm.

- VDI no. 1.9: lowered load section: $y + 56$ mm. With M-VBE, L-LBE & L high-LBE battery compartment: $y + 72$ mm; L-VBE: $y + 125$ mm.

- VDI no. 2.1: with lateral battery exchange: $+ 25$ kg.

- VDI no. 4.19: with M-VBE, L-LBE & L high-LBE battery compartment: $l1 + 72$ mm; L-VBE: $l1 + 125$ mm. With folding platform folded down: $l1 + 416$ mm; compact, fixed platform: $l1 + 357$ mm; extended, fixed platform: $l1 + 472$ mm; L platform: $l1 + 477$ mm.

- VDI no. 4.20: with M-VBE, L-LBE & L high-LBE battery compartment: $l2 + 72$ mm; L-VBE: $l2 + 125$ mm. With folding platform folded down: $l2 + 416$ mm; compact, fixed platform: $l2 + 357$ mm; extended, fixed platform: $l2 + 472$ mm; L platform: $l2 + 477$ mm.

- VDI no. 4.34.1: lowered load section: aisle width $+ 50$ mm. with folding platform folded down: aisle width $+ 416$ mm; compact, fixed platform: aisle width $+ 357$ mm; extended, fixed platform: aisle width $+ 472$ mm; L platform: aisle width $+ 477$ mm.

- VDI no. 4.34.2: with folding platform folded down: aisle width $+ 416$ mm; compact, fixed platform: aisle width $+ 357$ mm; extended, fixed platform: aisle width $+ 472$ mm; L platform: aisle width $+ 477$ mm.

- VDI no. 4.34.8: lowered load section: aisle width $+ 68$ mm. with folding platform folded down: aisle width $+ 416$ mm; compact, fixed platform: aisle width $+ 357$ mm; extended, fixed platform: aisle width $+ 472$ mm; L platform: aisle width $+ 477$ mm.

- VDI no. 4.35: lowered load section: $Wa + 56$ mm.

With M-VBE, L-LBE & L high-LBE battery compartment: $Wa + 72$ mm; L-VBE: $Wa + 125$ mm. with folding platform folded down: $Wa + 416$ mm; compact, fixed platform: $Wa + 357$ mm; extended, fixed platform: $Wa + 472$ mm; L platform: $Wa + 477$ mm.

- VDI no. 5.1: ERE 230: 9.5 km/h with 2.5 t load.

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.



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The logo features a red upward-pointing arrow integrated into the letter 'J' of the word 'JUNGHEINRICH', which is written in a bold, black, sans-serif font.