



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

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

** JUNGHEINRICH**

# ERE 120-230





## VDI table

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich						
	1.3	Drive		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	tare 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/suspension system	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 800x1200 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						

E-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	0.22	0.23	0.22	0.19	0.21	0.19	0.22
	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		

- 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 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 Jungheinrich logo, featuring a red upward-pointing arrow above the word 'JUNGHEINRICH' in a bold, black, sans-serif font.