

Electric ride-on/pedestrian pallet truck

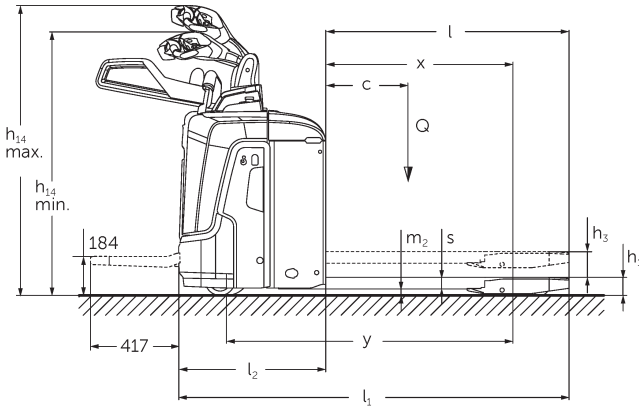
ERE 120-230

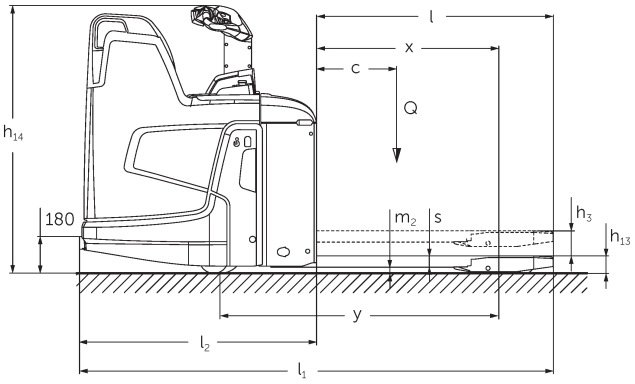
Lift height: 122 mm / Load capacity: 2000-3000 kg

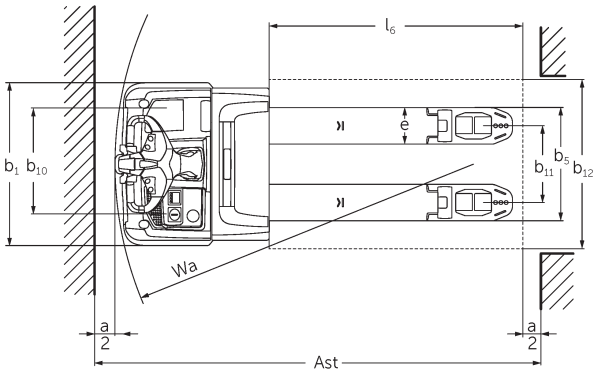
LI-ION technology

JUNGHEINRICH

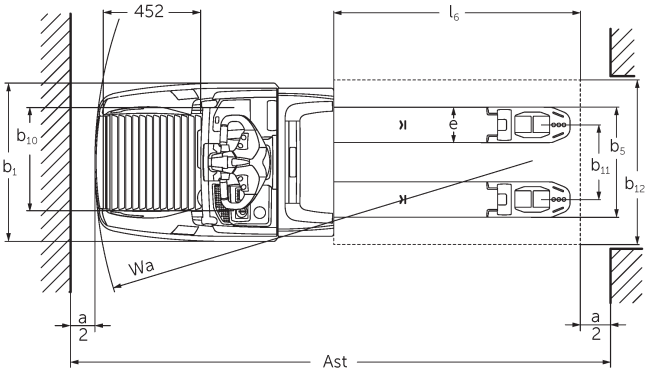
ERE 120-230







ERE 2016



ERE 2016

VDI table

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich						
	1.2	Manufacturer’s type designation			ERE 120 6km/h	ERE 120 9 km/h	ERE 125	ERE 225	ERE 225 drivePLUS	ERE 230	
	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/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	
	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
	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
	6.6.2	CO2 equivalent as per EN 16796		kg/h	0.2						
	6.7	Throughput		t/h	114	142	156	184	222		220
	6.8.1	Energy consumption with max. throughput		kWh/h	0.74	1.11	1.18	1.29	1.89		1.45
Other	8.1	Type of drive control			AC						
	10.7	Schalldruckpegel nach EN12053		dB (A)	63			64	67		64

- 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.

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich
	1.2	Manufacturer's type designation			ERE 230 drivePLUS
	1.3	Drive type			electric
	1.4	Operation			Tiller
	1.5	Load capacity/load	Q	kg	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	1450
Weights	2.1	Netto weight		kg	424
	2.1.1	Service weight (incl. battery)		kg	721
	2.2	Axle load laden front/rear		kg	1239 / 2494
	2.3	Axle load unladen front/rear		kg	565 / 160
Wheels/suspension system	3.1	Tyres			Vulkollan ®/PU + quartz/Vulkollan ®
	3.2	Tyre size, front			Ø 230 x 77
	3.3	Tyre size, rear			Ø 85 x 85
	3.4	Additional wheels			Ø 140 x 57
	3.5	Wheels, number front/back (x=driven)			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	1919
	4.20	Length including fork shank	l2	mm	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	2483
	4.34.2	Aisle width (pallet 800x1200 length)	Ast	mm	2372
	4.34.8	Aisle width (pallet 800×1200 crosswise)	Ast	mm	2486
	4.35	Turning radius	Wa	mm	1677
Performance data	5.1	Travel speed laden/unladen		km/h	6 / 14
	5.2	Lift speed laden/unladen		m/s	0.05 / 0.07
	5.3	Lowering speed laden/unladen		m/s	0.05 / 0.05
	5.8	Max. gradeability laden/unladen		%	6 / 16
	5.10	Service brake			generative
E-motor/Electronics	6.1	Drive motor, performance S2 60 min		kW	3.2
	6.2	Lift motor, performance with S3		kW	2.2
	6.3	Battery according to DIN 43531/35/36			B
	6.4	Battery voltage/nominal capacity		V / Ah	24 / 375
	6.5	Battery weight		kg	297
	6.6.1	Energy consumption according to EN cycle		kWh/h	0.41
	6.6.2	CO2 equivalent as per EN 16796		kg/h	0.2
	6.7	Throughput		t/h	266
	6.8.1	Energy consumption with max. throughput		kWh/h	2.05
Other	8.1	Type of drive control			AC
	10.7	Schalldruckpegel nach EN12053		dB (A)	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.

CE

JUNGHEINRICH