LI-ION technology



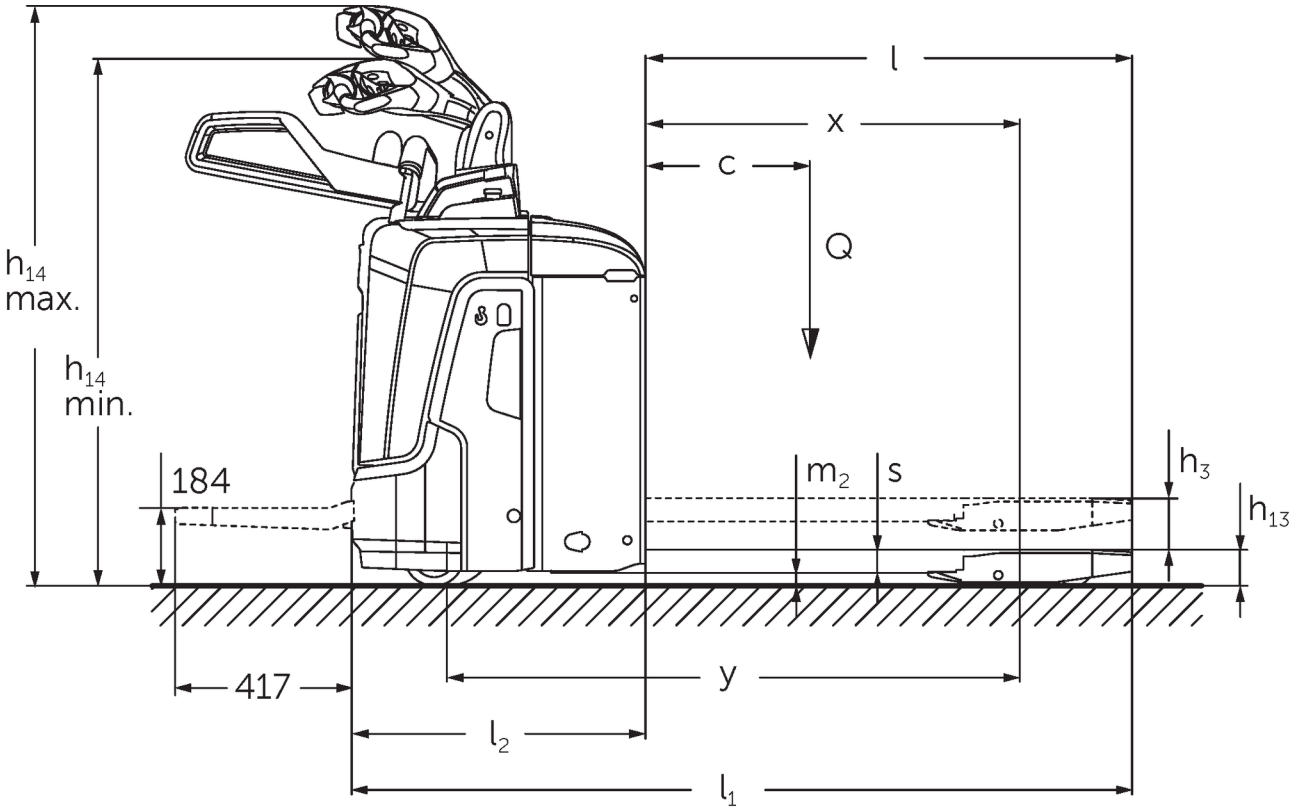
Electric ride-on/pedestrian pallet truck

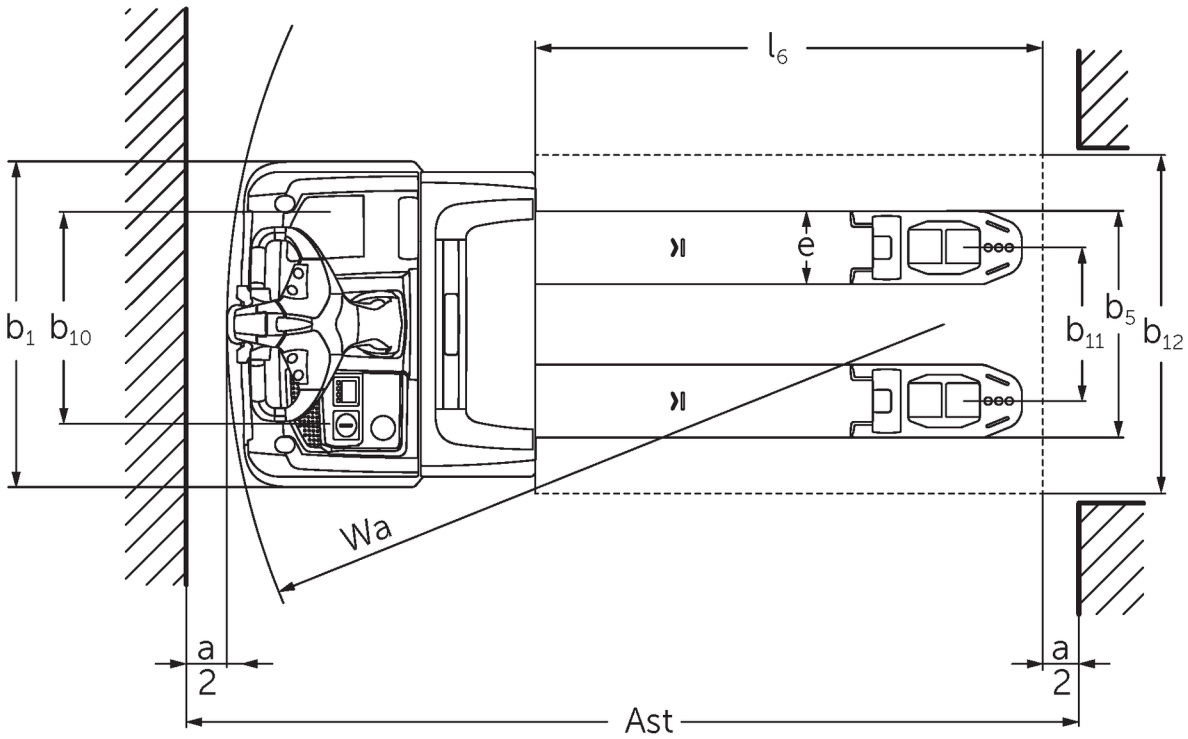
ERE 120-230

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

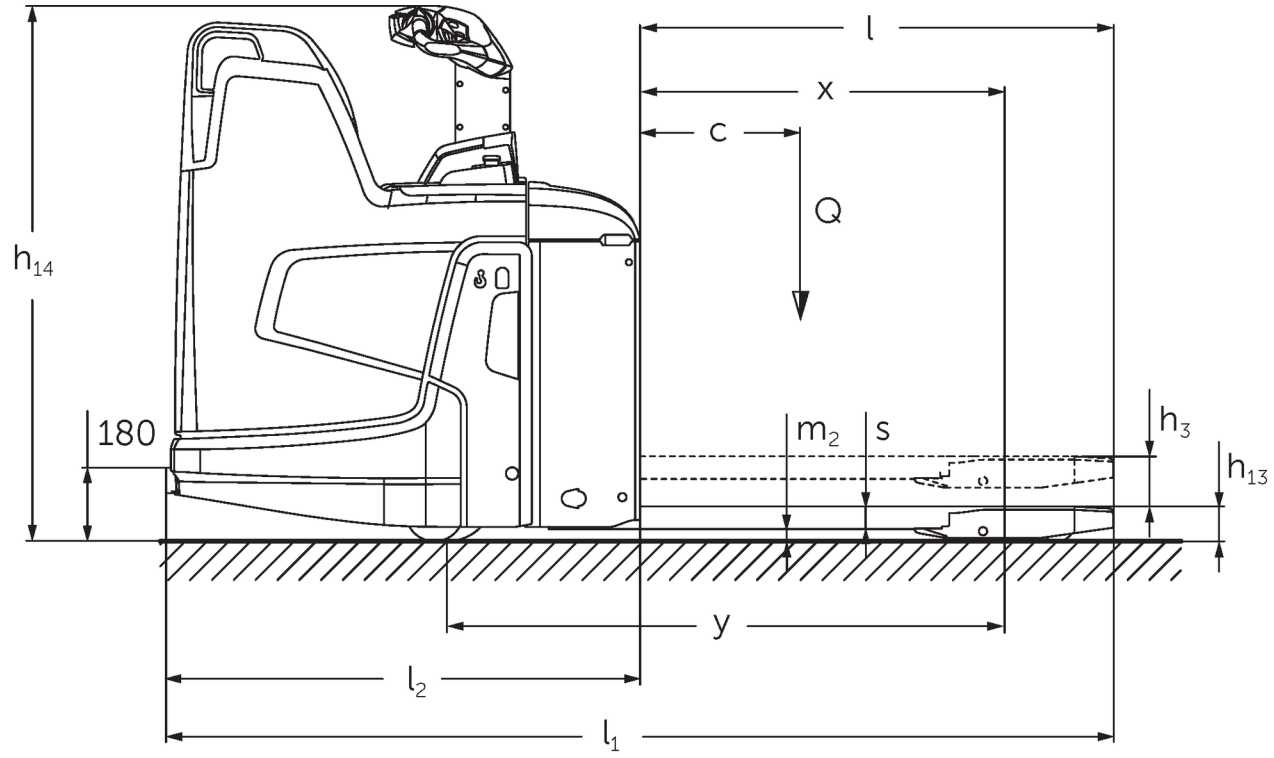
JUNGHEINRICH

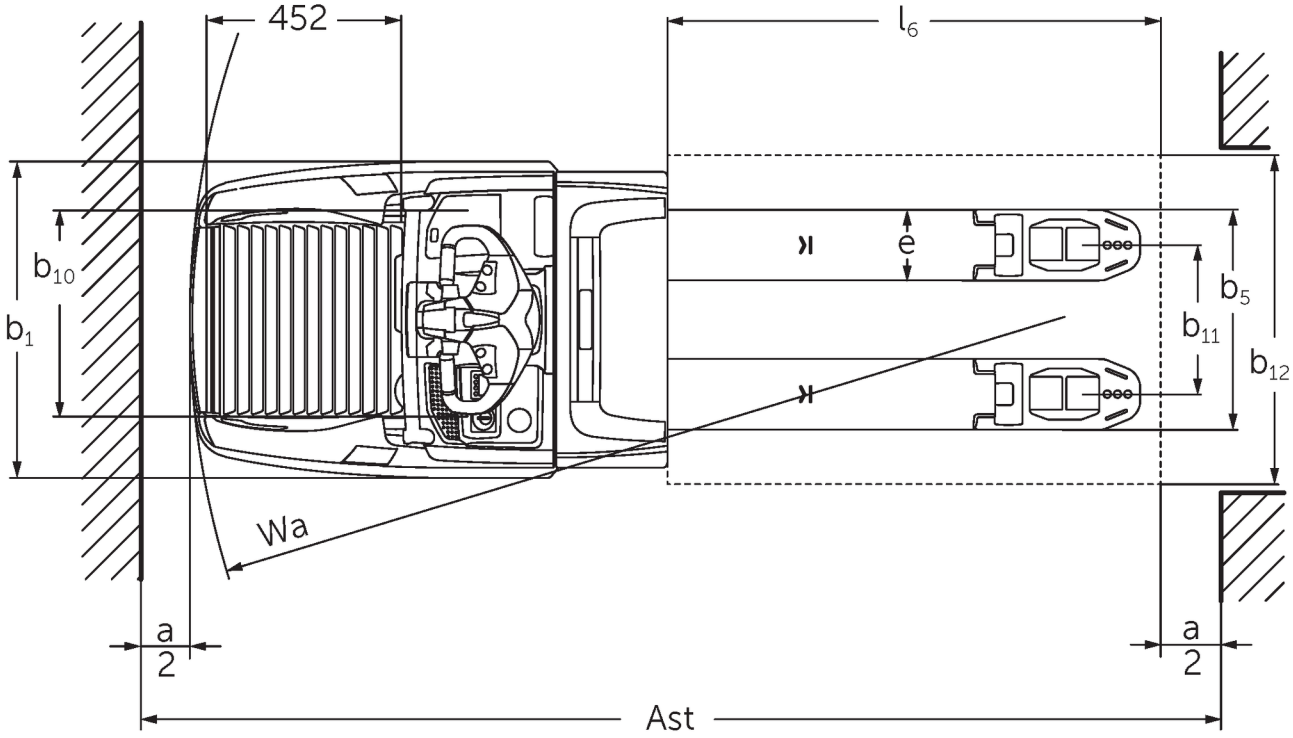
ERE 120-230


l
x
c
Q
h14 max.
h14 min.
184
m2
s
h3
h13
417
y
l2
l1


l6
e
b1
b10
b11
b5
b12
Wa
a
2
a
2
Ast

ERE 120-230


l
x
c
Q
h14
180
m2
s
h3
h13
y
l2
l1


452
l6
b10
b1
e
b5
b11
b12
Wa
a
2
a
2
Ast

VDI table

Stand-on: 02/2022

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**	**ERE 230 drivePLUS**
	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	Service weight		kg	400		404			424	
	2.1.1	Service weight (incl. battery)		kg	-					725	
	2.2	Axle load laden front/rear		kg	1825 / 795		2090 / 1126			2494 / 1239	
	2.3	Axle load unladen front/rear		kg	138 / 474		159 / 550			160 / 565	
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	b_{10}	mm	363						
	3.7	Tread width, rear	b_{11}	mm	512						
Basic dimensions	4.4	Lift (h3)	h_3	mm	122						
	4.9	Height of tiller handle in drive position min./max.		mm	1137 / 1419						
	4.15	Height, lowered	h_{13}	mm	85						
	4.19	Overall length	l_1	mm	1847					1919	
	4.20	Length including fork shank	l_2	mm	697					769	
	4.21.1	Overall width	b_1	mm	770						
	4.22	Fork dimensions	s/ e/l	mm	55 x 172 x 1150						
	4.25	Width across forks	b_5	mm	535						
	4.32	Ground clearance centre of wheelbase	m_2	mm	30						
	4.34	Aisle width (pallet 1000x1200 sideways)	Ast	mm	2411					2483	
	4.34.1	Aisle width (pallet 800x1200 length)	Ast	mm	2299					-	
	4.34.2	Aisle width with pallet 800x1200 sideways		mm	2414					2486	
	4.35	Turning radius	W_a	mm	1604						
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	1.2	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 as per EN 16796	kg/h	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 level as per EN12053, operator's ear	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.

- VDI no. 1.8: 1.9: 4.33: 4.35: lowered load section: + 56 mm
- VDI no. 2.1: with lateral battery exchange: + 25 kg
- VDI no. 4.19: 4.20: 4.33: 4.34: with platform folded down: + 416 mm; with compact platform: + 357 mm; with L platform: + 478 mm, with extended platform: + 472 mm
- VDI no. 4.19: 4.20: 4.33: 4.34: with lateral battery exchange: M - L / M LBE + 72 mm; L - L LBE + 53 mm
- VDI no. 4.34: diagonal as per VDI: + 205 mm
- VDI no. 4.33: diagonal as per VDI: + 369 mm
- VDI no. 4.35: turning radius at slow speed in aisle for ERE 225 1,695 mm, for ERE 230 1,725 mm
- VDI no. 5.1: ERE 230: 9.5 km/h with 2.5 t unladen
- additional dimensions available

The German production facilities in Norderstedt, Moosburg and Landsberg are certified.

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet European safety requirements.

CE

JUNGHEINRICH