

Electric ride-on/pedestrian pallet truck

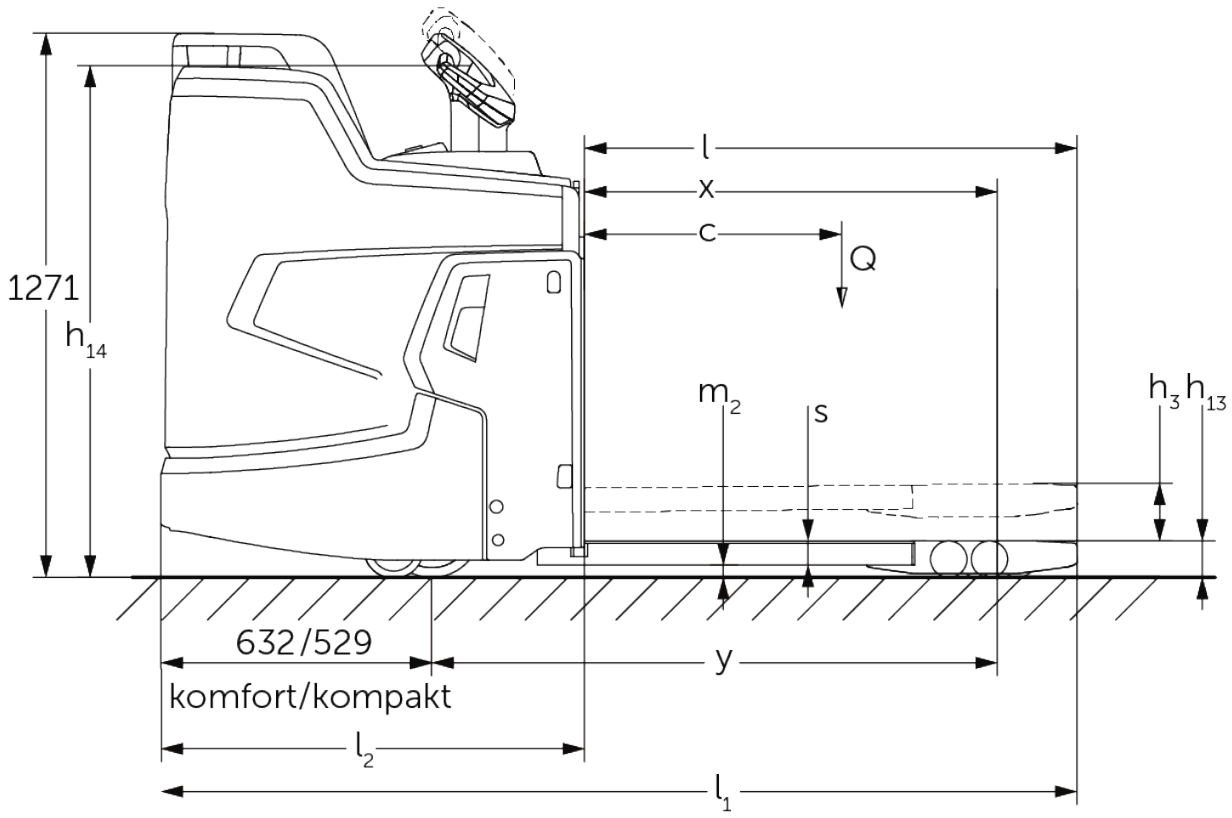
ERE 2i

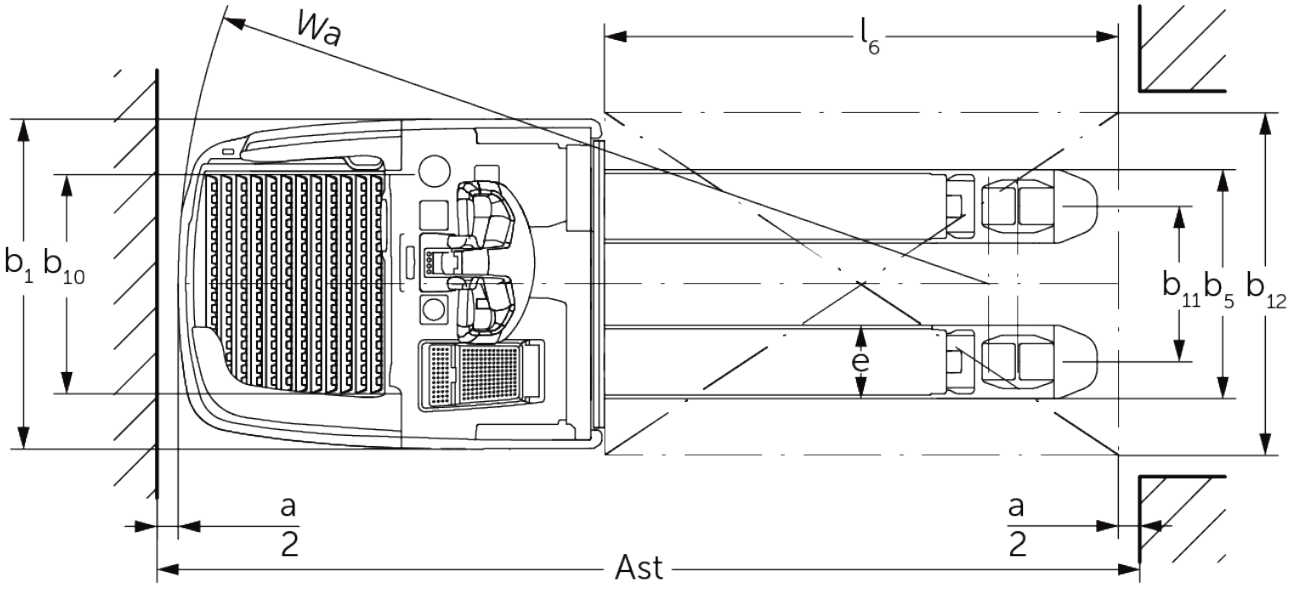
Lift height: 122 mm / Load capacity: 2500 kg

LI-ION technology

JUNGHEINRICH

ERE 2i


1271
h14
l
x
c
Q
m2
s
h3 h13
632/529
komfort/kompakt
y
l2
l1


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

VDI table

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich
	1.2	Manufacturer's type designation			ERE 225i
	1.3	Drive type			electric
	1.4	Operation			Tiller
	1.5	Load capacity/load	Q	kg	2500
	1.6	Load centre distance	c	mm	600
	1.8	Load distance, centre of drive axle to fork	x	mm	898
	1.9	Wheelbase	y	mm	1255
Weights	2.1.1	Service weight (incl. battery)		kg	810
	2.2	Axle load laden front/rear		kg	1390 / 1920
	2.3	Axle load unladen front/rear		kg	670 / 140
Wheels/chassis	3.1	Tyres			Polyurethane (PU)
	3.2	Tyre size, front			ø 230 x 77
	3.3	Tyre size, rear			ø 85 x 110 / 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
	3.6	Tread width, front	b10	mm	512
	3.7	Tread width, rear	b11	mm	363
Basic dimensions	4.4	Lift (h3)	h3	mm	120
	4.9	Height of tiller handle in drive position min./max.	h14	mm	1215 / 1275
	4.15	Height, lowered	h13	mm	85
	4.19	Total length	l1	mm	2139
	4.20	Length including fork shank	l2	mm	989
	4.21.1	total width	b1	mm	770
	4.22	Fork dimensions	s/e/l	mm	56 x 172 x 1150
	4.25	Width across forks	b5	mm	535
	4.32	Ground clearance centre of wheelbase	m2	mm	29
	4.34.1	Aisle width (pallet 1000×1200 sideways)	Ast	mm	2346
	4.34.2	Aisle width (pallet 800x1200 length)	Ast	mm	2396
	4.35	Turning radius	Wa	mm	1894
Performance data	5.1	Travel speed laden/unladen (Efficiency | drivePLUS)		km/h	9 / 12 | 9 / 14
	5.2	Lift speed laden/unladen		m/s	0.05 / 0.07
	5.3	Lowering speed laden/unladen		m/s	0.12 / 0.05
	5.7	Gradeability laden/unladen (Efficiency | drivePLUS)		%	8 / 16 | 8 / 16
	5.10	Service brake			generative

Electric motor/electronics	6.1	Drive motor, performance S2 60 min (Efficiency | drivePLUS)	kW	2.8 | 3.2
	6.2	Lift motor, performance with S3	kW	2.2
	6.3	Battery according to DIN 43531/35/36		Jungheinrich Li-ion
	6.4	Battery voltage/nominal capacity	V / Ah	24 / 260
	6.5	Battery weight	kg	100
	6.6.1	Energy consumption according to EN cycle (Efficiency | PLUS)	kWh/h	0.42 | 0.45
	6.6.2	CO2 equivalent according to EN ISO 23308 (Efficiency | PLUS)	kg/h	0.23 | 0.3
	6.7	Throughput (Efficiency | PLUS)	t/h	205 | 210
	6.8	Turnover efficiency according to VDI 2198 (Efficiency | PLUS)	t/kWh	139 | 131
	6.8.1	Energy consumption with max. throughput (Efficiency | PLUS)	kWh/h	1.48 | 1.6
Other	10.7	Sound pressure level according to EN12053	dB (A)	67.1

- 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 fixed stand-on platform, integrated M battery compartment, 260-Ah battery, fork length 1,150 mm, raised load section.
Entry height for stand-on platform: 202 / 214 mm (stand-on platform standard / stand-on platform suspension adjustable).
Ground clearance at end of stand-on platform: 117 / 98 mm (stand-on platform standard / stand-on platform compact).

- VDI no. 1.8: lowered load section:x + 66 mm.
- VDI no. 1.9: lowered load section: y + 66 mm.
- VDI no. 4.19: with compact stand-on platform: l1 - 103 mm.
- VDI no. 4.20: with compact stand-on platform: l2 - 103 mm.
- VDI no. 4.34.1: diagonal as per VDI: aisle width + 357 mm. With compact stand-on platform: aisle width - 108 mm.
- VDI no. 4.34.2: diagonal as per VDI: aisle width + 199 mm. With compact stand-on platform: aisle width - 108 mm.
- VDI no. 4.35: lowered load section: Wa + 66 mm. With compact stand-on platform: aisle width - 108 mm.

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