

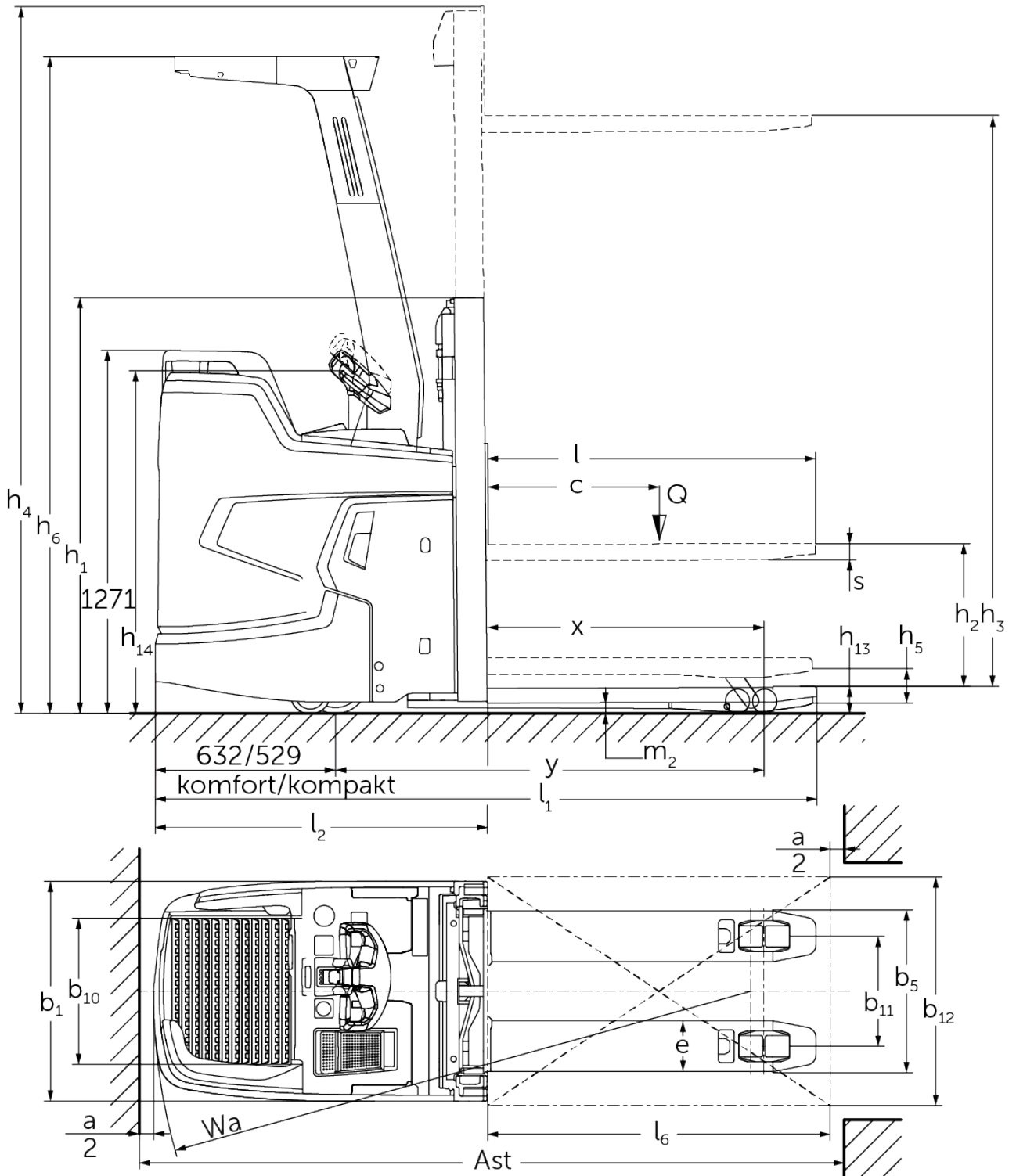


Electric pedestrian stacker with support arm lift

ERD 220i

Lift height: 3760 mm / Load capacity: 2000 kg

ERD 220i



ERD 220i

ERD 220i	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	1660 mm	1330 mm	100 mm	2125 mm
	2010 mm	1505 mm	100 mm	2475 mm
	2100 mm	1550 mm	100 mm	2565 mm
	2560 mm	1780 mm	100 mm	3025 mm
	2900 mm	1950 mm	100 mm	3365 mm

VDI table

Stand-on: 07/2021

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich
	1.2	Manufacturer's type designation			ERD 220i
	1.3	Drive			Electric
	1.5	Load capacity/load	Q	kg	2000
	1.5.1	Rated capacity/load with mast lift	Q	kg	1000
	1.5.2	Rated capacity/load with support arm lift	Q	kg	2000
	1.6	Load centre distance	c	mm	600
	1.8	Load distance, centre of drive axle to fork	x	mm	959
	1.9	Wheelbase	y	mm	1495
Weights	2.1.1	Service weight (incl. battery)		kg	1055
	2.2	Axle load laden front/rear		kg	1245 / 1810
	2.3	Axle load unladen front/rear		kg	835 / 220
Wheels/suspension system	3.1	Tyres			PU
	3.2	Tyre size, front			ø 230x77
	3.3	Tyre size, rear			ø 85x95
	3.4	Additional wheels			ø 140x57
	3.5	Wheels, number front/back (x=driven)			1x +2
	3.6	Tread width, front	b ₁₀	mm	512
	3.7	Tread width, rear	b ₁₁	mm	385
Basic dimensions	4.2	Retracted mast height (h1)	h ₁	mm	1481
	4.3	Free lift (h2)	h ₂	mm	100
	4.4	Lift (h3)	h ₃	mm	2010
	4.5	Extended mast height (h4)	h ₄	mm	2465
	4.6	Initial lift	h ₅	mm	120
	4.7	Height of overhead guard (cab)	h ₆	mm	2300
	4.9	Height of tiller handle in drive position min./max.		mm	1215 / 1275
	4.15	Height, lowered	h ₁₃	mm	94
	4.19	Overall length	l ₁	mm	2358
	4.20	Length including fork shank	l ₂	mm	1168
	4.21.1	Overall width	b ₁	mm	770
	4.22	Fork dimensions	s/e/l	mm	56 x 185 x 1190
	4.32	Ground clearance centre of wheelbase	m ₂	mm	18
	4.34	Aisle width (pallet 1000x1200 sideways)	Ast	mm	2564
	4.34.1	Aisle width (pallet 800x1200 length)	Ast	mm	2574
4.35	Turning radius	W _a	mm	2133	
Performance data	5.1	Travel speed laden/unladen (Efficiency drivePLUS)		km/h	9 / 12.5 9 / 14
	5.2	Lift speed laden/unladen		m/s	0.21 / 0.37
	5.3	Lowering speed laden/unladen		m/s	0.49 / 0.44
	5.7	Gradeability laden/unladen		%	8 / 16
	5.8	Max. gradeability laden/unladen		%	8 / 16
	5.10	Service brake			generative
E-motor/Electronics	6.1	Drive motor, performance S2 60 min (Efficiency drivePLUS)		kW	2.8 3.2
	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	50
	6.7	Throughput (Efficiency PLUS)		t/h	100 106
	6.8.1	Energy consumption with max. throughput (Efficiency PLUS)		kWh/h	0.6 0.65

Other	10.7	Sound level as per EN12053, operator's ear	dB (A)	67.1
<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 fixed standing platform, integrated battery compartment M, mast ZT2010, support arm lift raised.

- VDI-No. 1.5: In double-deck mode: mast lift max. 1 t / total load max. 2 t.
- VDI-No. 1.8: Support arm lift lowered: x + 46 mm. With fork length 1150 mm: x - 40 mm.
- VDI-No. 1.9: Support arm lift lowered: y + 46 mm. With fork length 1150 mm: y - 40 mm.
- VDI-No. 4.19: With fork length 1150 mm: l1 - 40 mm. With compact stand-on platform: l1 - 103 mm.
- VDI-No. 4.20: With compact stand-on platform: l2 - 103 mm.
- VDI-No. 4.34: With fork length 1150 mm: Ast - 40 mm. With compact stand-on platform: Ast - 103 mm.
- VDI-No. 4.34.1: With fork length 1150 mm: Ast - 40 mm. With compact stand-on platform: Ast - 103 mm.
- VDI-No. 4.35: Support arm lift lowered: Wa + 46 mm. With fork length 1150 mm: Wa - 40 mm. With compact standing platform: Wa - 103 mm.

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

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet
European safety requirements.



 **JUNGHEINRICH**

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