



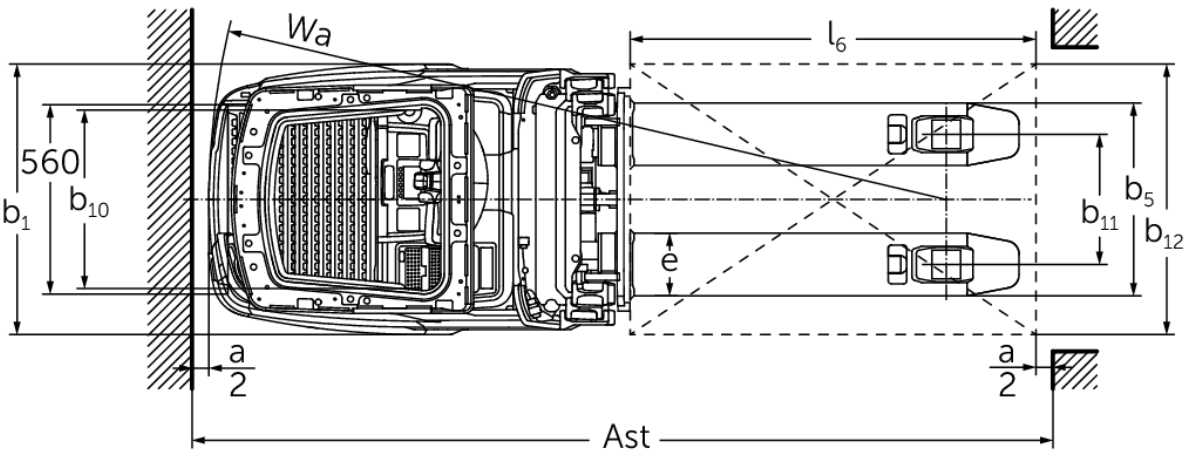
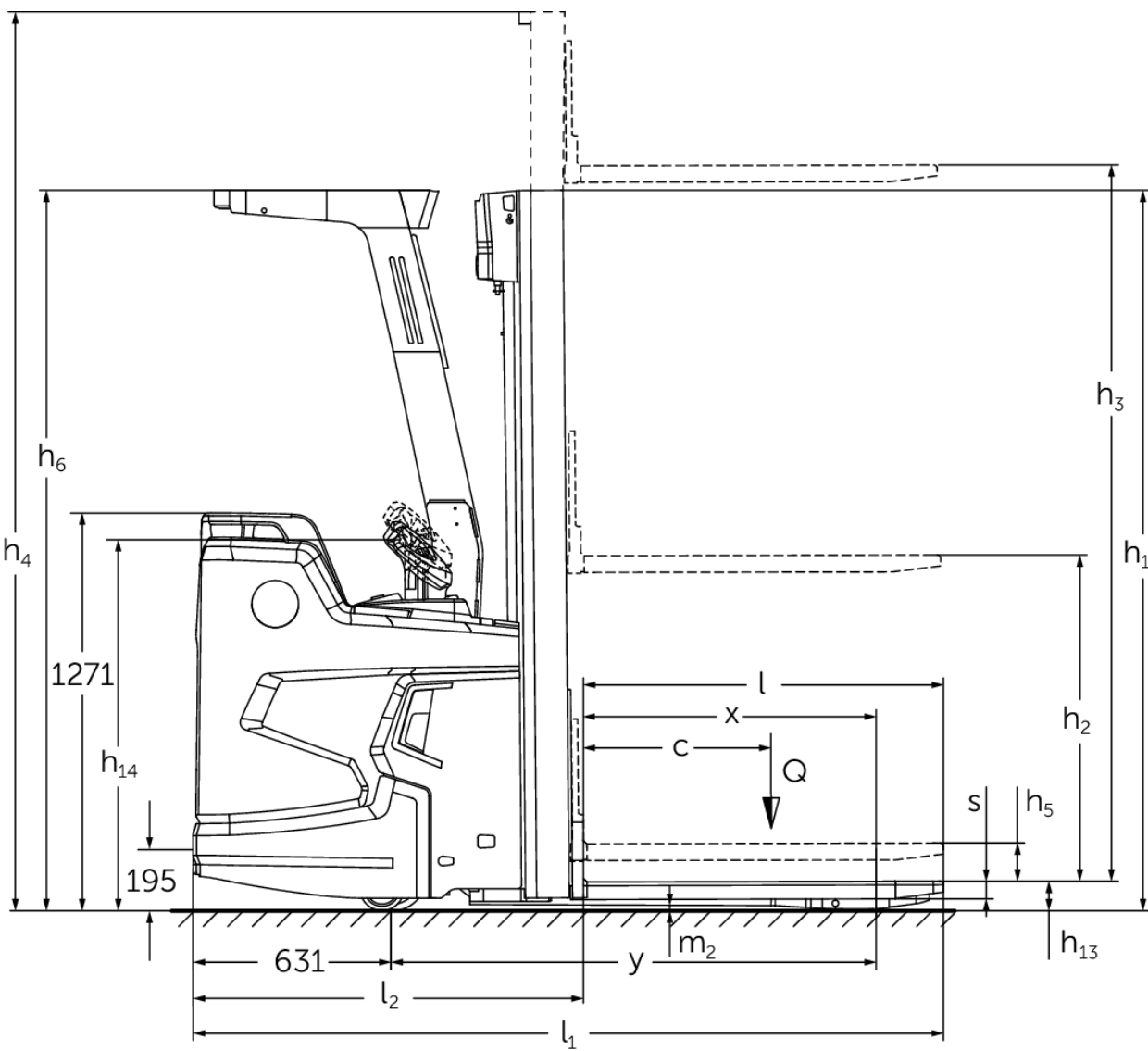
Electric pedestrian controlled truck **ERC 216zi**

Lift height: 3990-6000 mm / Capacity: 1600 kg

The extremely compact and powerful ERC 216zi electric pedestrian controlled truck with lithium-ion battery and support arm lift is suitable for the safe stacking and retrieval of goods in narrow storage environments at heights up to 6 metres. The truck also handles order picking and transport tasks reliably over medium to long distances, even in double-deck operation. The elimination of the battery tray allows the integration of a fixed stand-on platform with 3-

sided protection for enhanced operator safety. Various options such as the panoramic roof or the operationCONTROL or positionCONTROL assistance systems also ensure increased safety in the warehouse. With powerful acceleration combined with high speeds of up to 12 km/h and low fuel consumption, significantly more pallets per hour can be handled.

ERC 216zi



ERC 216zi

ERC 216zi	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)	Tilt of mast forwards/backwards	Tilt of fork carriage forwards/backwards
Triplex mast DZ	3990 mm	1880 mm	1298 mm	4572 mm		
	4200 mm	1950 mm	1368 mm	4782 mm		
	4590 mm	2080 mm	1498 mm	5172 mm		
	5250 mm	2300 mm	1718 mm	5832 mm		
	6000 mm	2550 mm	1968 mm	6582 mm		

VDI table

Stand-on: 10/2019

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich
	1.2	Manufacturer's type designation			ERC 216zi
	1.3	Drive			Electric
	1.4	Operation			Operator position
	1.5	Capacity/load	Q	kg	1.600
	1.5.1	Rated capacity/load with mast lift	Q	kg	1.600
	1.5.2	Rated capacity/load with support arm lift	Q	kg	2.000
	1.6	Load centre distance	c	mm	600
	1.8	Load distance, centre of drive axle to fork	x	mm	883
	1.9	Wheelbase	y	mm	1.498
Weights	2.1.1	Service weight (incl. battery)		kg	1.570
	2.2	Axle load laden front/rear		kg	1.480 / 1.690
	2.3	Axle load unladen front/rear		kg	1.230 / 340
Wheels/suspension system	3.1	Tyres			PU
	3.2	Tyre size, front			Ø 230x77
	3.3	Tyre size, rear			Ø 85 x 110
	3.4	Additional wheels			Ø 140x54
	3.5	Wheels, number front/back (x=driven)			1x +1 / 2
	3.6	Tread width, front	b ₁₀	mm	535
	3.7	Tread width, rear	b ₁₁	mm	385
Basic dimensions	4.2	Retracted mast height (h1)	h ₁	mm	2.300
	4.3	Free lift (h2)	h ₂	mm	1.718
	4.4	Lift (h3)	h ₃	mm	5.250
	4.5	Extended mast height (h4)	h ₄	mm	5.832
	4.6	Initial lift	h ₅	mm	122
	4.7	Height of overhead guard (cab)	h ₆	mm	2.300
	4.9	Height of tiller handle in drive position min./max.		mm	1.185 / 1.245
	4.15	Height, lowered		mm	90
	4.19	Overall length	l ₁	mm	2.395
	4.20	Length including fork shank	l ₂	mm	1.245
	4.21	Overall width	b ₁ /b ₂	mm	800
	4.22	Fork dimensions	s/e/l	mm	56 / 185 / 1.150
	4.25	Width across forks (dimension 1), WaF	b ₅	mm	570
	4.32	Ground clearance centre of wheelbase	m ₂	mm	18
	4.34	Aisle width (pallet 1000x1200 sideways)	Ast	mm	2.595
	4.34.1	Aisle width (pallet 800x1200 length)	Ast	mm	2.645
	4.35	Turning radius	W _a	mm	2.129
Performance data	5.1	Travel speed laden/unladen		km/h	9.2 / 12
	5.2	Lift speed laden/unladen		m/s	0.19 / 0.35
	5.3	Lowering speed laden/unladen		m/s	0.49 / 0.49
	5.8	Max. gradeability laden/unladen		%	8 / 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	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	98

	6.6.1	Energy consumption according to EN cycle	kWh/h	0.82
	6.6.2	CO2 equivalent as per EN 16796	kg/h	0,44
	6.7	Throughput	t/h	83
	6.8	Energy consumption with max. throughput	kWh/h	1.86
Miscellaneous	8.1	Type of drive control		AC
	10.7	Sound level as per EN12053, operator's ear	dB (A)	68
- In accordance with VDI Guideline 2198 this data sheet provides details of the standard truck only. Non-standard tyres, different masts, optional equipment, etc. may result in different values.				

Values for ERC 216zi, 260 Ah Li-ion battery, mast DZ 5250, drivePLUS options package, raised support arms, without bumper. - 1.8: With lowered support arms: x + 53 mm - 1.9: With lowered support arms: y + 51 mm - 3.3: Tandem: Ø 85 x 85 mm - 4.34: Diagonal as per VDI: Ast + 345 mm - 4.34.1: Diagonal as per VDI: Ast + 194 mm - 4.35: With lowered support arms: Wa + 51 mm - 6.2: With power-on time 10% - 6.5: With 130 Ah = 76 kg

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

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet
European safety requirements.



 **JUNGHEINRICH**