



Electric reach truck

ETV 216i

Lift height: 4550-10700 mm / Capacity: 1600 kg

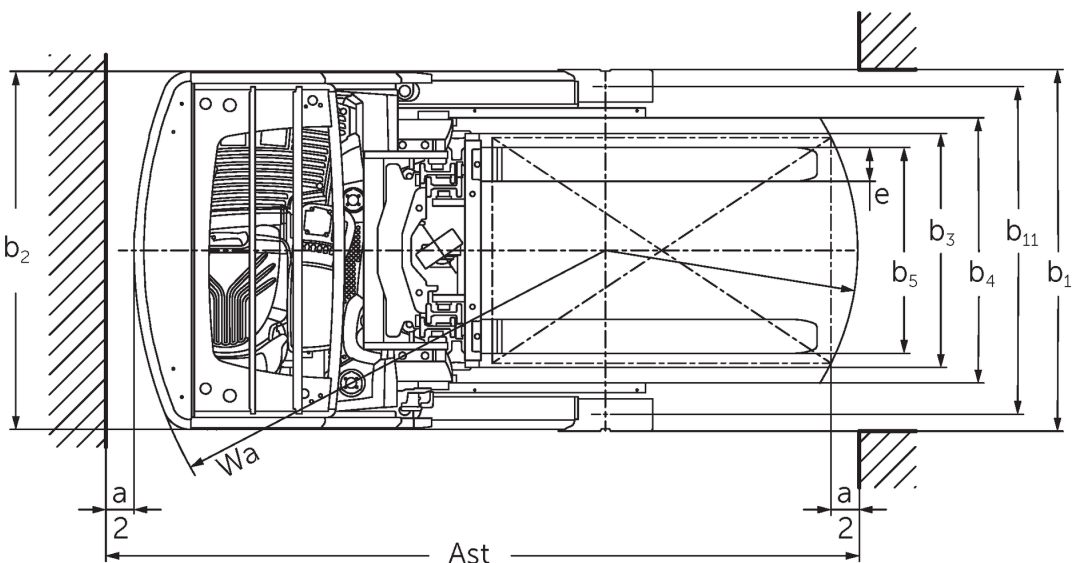
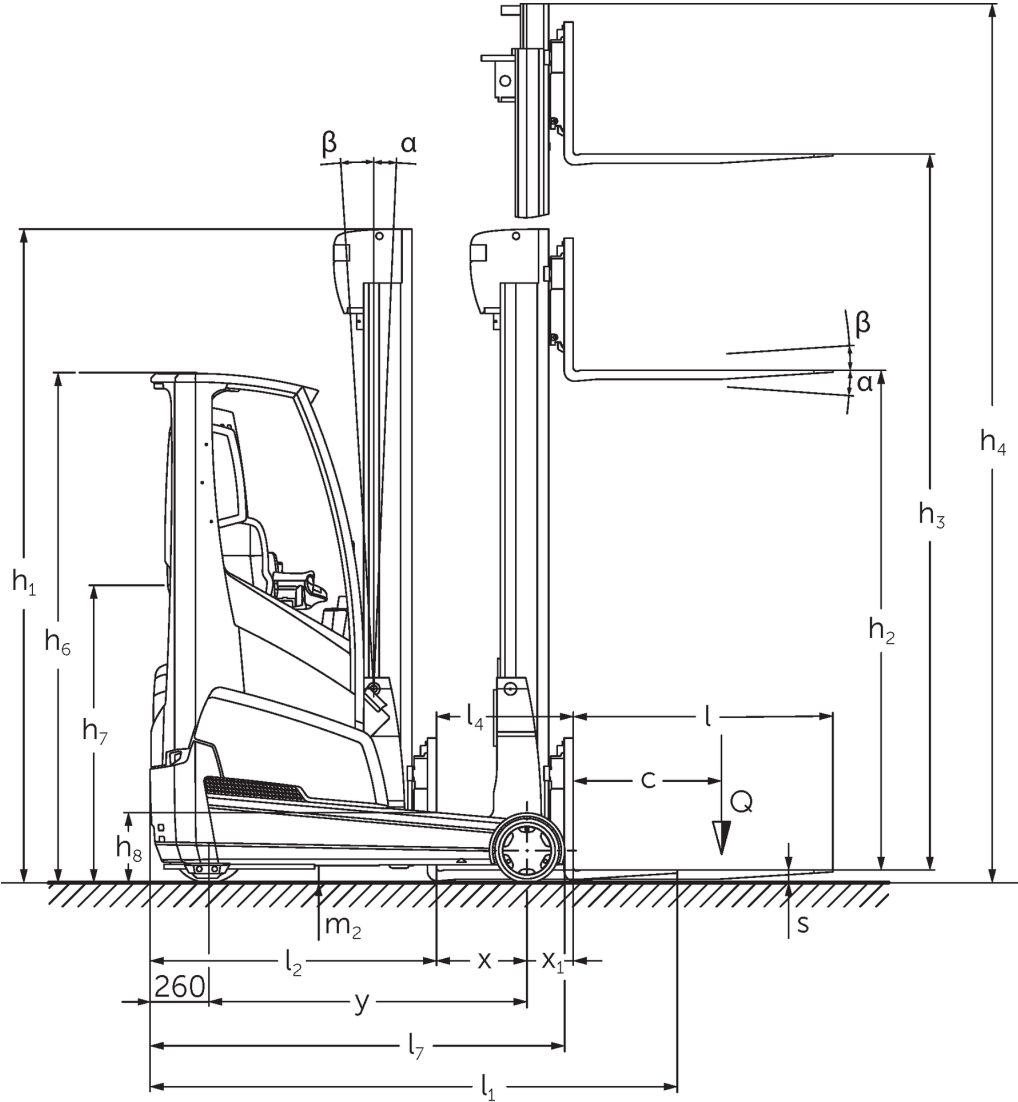
Our agile and innovative ETV 216i reach truck is the perfect choice for safe stacking and retrieval operations as well as for moving pallets intended for order picking. Compared to conventional reach trucks, significantly more pallets per hour can be handled due to fast lifting and pushing speeds.

Upgrade your warehouse with advanced Jungheinrich lithium-ion technology – long-lasting power in the form of

high-performance energy cells. Thanks to extremely fast charging times, a long service life and zero maintenance, you will always be one step ahead of your competitors.

Advanced design, a spacious cabin, more foot space, optimal all-round visibility and assistance systems like the standard soloPILOT or optional multiPILOT control levers enable efficient and fatigue-free working.

ETV 216i



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ETV 216i	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)	Tilt of mast forwards/backwards	Tilt of fork carriage forwards/backwards
Fork tilt / Triplex mast DZ / cold-rolled	5000 mm	2200 mm	1556 mm	5644 mm		2 ° / 5 °
	5300 mm	2300 mm	1656 mm	5944 mm		2 ° / 5 °
	5600 mm	2400 mm	1756 mm	6244 mm		2 ° / 5 °
	5900 mm	2500 mm	1856 mm	6544 mm		2 ° / 5 °
	6500 mm	2700 mm	2056 mm	7144 mm		2 ° / 5 °
	6800 mm	2800 mm	2156 mm	7444 mm		2 ° / 5 °
	7100 mm	2900 mm	2256 mm	7744 mm		2 ° / 5 °
	7400 mm	3000 mm	2356 mm	8044 mm		2 ° / 5 °
	7700 mm	3100 mm	2456 mm	8344 mm		2 ° / 5 °
	8000 mm	3200 mm	2556 mm	8644 mm		2 ° / 5 °
	8300 mm	3300 mm	2656 mm	8944 mm		2 ° / 5 °
	8420 mm	3340 mm	2696 mm	9064 mm		2 ° / 5 °
	8720 mm	3440 mm	2796 mm	9364 mm		2 ° / 5 °
	9020 mm	3540 mm	2896 mm	9664 mm		2 ° / 5 °
	9410 mm	3670 mm	3026 mm	10054 mm		2 ° / 5 °
	9920 mm	3840 mm	3196 mm	10564 mm		2 ° / 5 °
	10250 mm	3950 mm	3306 mm	10894 mm		2 ° / 5 °
	10520 mm	4040 mm	3396 mm	11164 mm		2 ° / 5 °
	10700 mm	4100 mm	3456 mm	11344 mm		2 ° / 5 °
Mast tilt / Triplex mast DZ / cold-rolled	6500 mm	2700 mm	2056 mm	7144 mm	1 ° / 2 °	
	6800 mm	2800 mm	2156 mm	7444 mm	1 ° / 2 °	
	7100 mm	2900 mm	2256 mm	7744 mm	1 ° / 2 °	
	7310 mm	2970 mm	2326 mm	7954 mm	1 ° / 1 °	
	7400 mm	3000 mm	2356 mm	8044 mm	1 ° / 1 °	
	7700 mm	3100 mm	2456 mm	8344 mm	1 ° / 1 °	
	8000 mm	3200 mm	2556 mm	8644 mm	1 ° / 1 °	
	8300 mm	3300 mm	2656 mm	8944 mm	1 ° / 1 °	
	8420 mm	3340 mm	2696 mm	9064 mm	1 ° / 1 °	
	8720 mm	3440 mm	2796 mm	9364 mm	1 ° / 1 °	
	9020 mm	3540 mm	2896 mm	9664 mm	1 ° / 1 °	
Mast tilt / Triplex mast DZ / hot-rolled	4550 mm	2050 mm	1406 mm	5194 mm	1 ° / 3 °	
	5000 mm	2200 mm	1556 mm	5644 mm	1 ° / 3 °	
	5240 mm	2280 mm	1636 mm	5884 mm	1 ° / 3 °	
	5300 mm	2300 mm	1656 mm	5944 mm	1 ° / 3 °	
	5450 mm	2350 mm	1706 mm	6094 mm	1 ° / 3 °	
	5600 mm	2400 mm	1756 mm	6244 mm	1 ° / 3 °	
	5720 mm	2440 mm	1796 mm	6364 mm	1 ° / 3 °	
	5810 mm	2470 mm	1826 mm	6454 mm	1 ° / 3 °	
	5900 mm	2500 mm	1856 mm	6544 mm	1 ° / 3 °	
	6200 mm	2600 mm	1956 mm	6844 mm	1 ° / 3 °	
	6500 mm	2700 mm	2056 mm	7144 mm	1 ° / 2 °	
	6800 mm	2800 mm	2156 mm	7444 mm	1 ° / 2 °	
	7100 mm	2900 mm	2256 mm	7744 mm	1 ° / 2 °	
	7310 mm	2970 mm	2326 mm	7954 mm	1 ° / 1 °	
	7400 mm	3000 mm	2356 mm	8044 mm	1 ° / 1 °	
Triplex mast DZ / cold-rolled	6200 mm	2600 mm	1956 mm	6844 mm		2 ° / 5 °

VDI table

Stand-on: 01/2020

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich
	1.2	Manufacturer's type designation			ETV 216i
	1.3	Drive			Electric
	1.4	Operation			Sideways-seated
	1.5	Capacity/load	Q	kg	1.600
	1.6	Load centre distance	c	mm	600
	1.8	Load distance, centre of drive axle to fork	x	mm	401
	1.8.1	Load distance, centre of drive axle to fork, mast extended		mm	215
	1.9	Wheelbase	y	mm	1.410
Weights	2.1.1	Service weight (incl. battery)		kg	3.438
	2.3	Axle load unladen front/rear		kg	2.292 / 1.146
	2.4	Axle load fork forward laden front/rear		kg	902 / 4.132
	2.5	Axle load fork back laden front/rear		kg	2.024 / 3.014
Wheels/suspension system	3.1	Tyres			Vulkollan ®
	3.2	Tyre size, front			Ø 343 x 114
	3.3	Tyre size, rear			Ø 285 x 100
	3.5	Wheels, number front/back (x=driven)			1x / 2
	3.7	Tread width, rear	b ₁₁	mm	1.168
Basic dimensions	4.1	Tilt of mast forwards/backwards	a/β	°	1 / 3
	4.2	Retracted mast height (h ₁)	h ₁	mm	2.300
	4.3	Free lift (h ₂)	h ₂	mm	1.656
	4.4	Lift (h ₃)	h ₃	mm	5.300
	4.5	Extended mast height (h ₄)	h ₄	mm	5.944
	4.7	Height of overhead guard (cab)	h ₆	mm	2.263
	4.8	Seat height/stand height	h ₇	mm	1.079
	4.10	Height of support arms	h ₈	mm	309
	4.19	Overall length	l ₁	mm	2.419
	4.20	Length including fork shank	l ₂	mm	1.269
	4.21	Overall width	b ₁ /b ₂	mm	1.282
	4.22	Fork dimensions	s/e/l	mm	40 / 120 / 1.150
	4.23	Fork carriage connection class			2B
	4.24	Fork carriage width	b ₃	mm	830
	4.25	Width across forks (dimension 1), WaF	b ₅	mm	335
	4.25.1	Width across forks (dimension 2)	b ₅	mm	730
	4.26	Width between support arms/loading areas	b ₄	mm	940
	4.28	Reach distance		mm	616
	4.32	Ground clearance centre of wheelbase	m ₂	mm	80
	4.34	Aisle width (pallet 1000x1200 sideways)	A _{st}	mm	2.713
	4.34.1	Aisle width (pallet 800x1200 length)	A _{st}	mm	2.759
	4.35	Turning radius	W _a	mm	1.665
	4.37	Length over the support arms	L ₇	mm	1.837
Performance data	5.1	Travel speed laden/unladen		km/h	14 / 14
	5.2	Lift speed laden/unladen		m/s	0.59 / 0.81
	5.3	Lowering speed laden/unladen		m/s	0.56 / 0.56
	5.4	Reach speed laden/unladen		m/s	0.24 / 0.24
	5.7	Gradeability laden/unladen		%	8 / 12
	5.8	Max. gradeability laden/unladen		%	10 / 15

	5.9	Acceleration time laden/unladen	s	4.6 / 4.3
	5.10	Service brake		electric
E-motor/ Electronics	6.1	Drive motor, performance S2 60 min	kW	8.5
	6.2	Lift motor, performance with S3	kW	15.5
	6.4	Battery voltage / nominal capacity	V / Ah	51.2 / 360
	6.7	Throughput	t/h	76
	6.8.1	Energy consumption with max. throughput	kWh/h	4.1
Miscellaneous	10.1	Working pressure for attachment	bar	150
	10.2	Oil flow for attachments	l/min	20
	10.7	Sound level as per EN12053, operator's ear	dB (A)	70
- 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.				

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

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet
European safety requirements.



 **JUNGHEINRICH**