



Electric reach truck **ETV Q20 / Q25**

Lift height: 4250-10700 mm / Load capacity: 2000-2500 kg

ETV Q20 / Q25

ETV Q20, ETV Q25	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)	Forward/backward tilt of mast	Forward/backward tilt of fork carriage
Fork tilt / Triplex mast DZ / cold-formed	6200 mm	2700 mm	1970 mm	6930 mm		2 / 5 °
	6500 mm	2800 mm	2070 mm	7230 mm		2 / 5 °
	6800 mm	2900 mm	2170 mm	7530 mm		2 / 5 °
	7400 mm	3100 mm	2370 mm	8130 mm		2 / 5 °
	7700 mm	3200 mm	2470 mm	8430 mm		2 / 5 °
	8000 mm	3300 mm	2570 mm	8730 mm		2 / 5 °
	8420 mm	3440 mm	2710 mm	9150 mm		2 / 5 °
	8720 mm	3540 mm	2810 mm	9450 mm		2 / 5 °
	9110 mm	3670 mm	2940 mm	9840 mm		2 / 5 °
	9620 mm	3840 mm	3110 mm	10350 mm		2 / 5 °
	9950 mm	3950 mm	3220 mm	10680 mm		2 / 5 °
	10220 mm	4100 mm	3370 mm	10950 mm		2 / 5 °
	10520 mm	4200 mm	3470 mm	11250 mm		2 / 5 °
	10700 mm	4260 mm	3530 mm	11430 mm		2 / 5 °
Mast tilt without side shift / Triplex mast DZ / cold-formed	4250 mm	2050 mm	1320 mm	4980 mm		1 / 5 °
	4700 mm	2200 mm	1470 mm	5430 mm		1 / 5 °
	5000 mm	2300 mm	1570 mm	5730 mm		1 / 5 °
	5300 mm	2400 mm	1670 mm	6030 mm		1 / 5 °
	5600 mm	2500 mm	1770 mm	6330 mm		1 / 3 °
	5900 mm	2600 mm	1870 mm	6630 mm		1 / 3 °
	6200 mm	2700 mm	1970 mm	6930 mm		1 / 3 °
	6500 mm	2800 mm	2070 mm	7230 mm		1 / 3 °
	6800 mm	2900 mm	2170 mm	7530 mm		1 / 3 °
	6950 mm	2950 mm	2220 mm	7680 mm		1 / 3 °
	7400 mm	3100 mm	2370 mm	8130 mm		1 / 3 °
	8000 mm	3300 mm	2570 mm	8730 mm		1 / 3 °
	8420 mm	3440 mm	2710 mm	9150 mm		1 / 3 °
	8720 mm	3540 mm	2810 mm	9450 mm		1 / 3 °
9110 mm	3670 mm	2940 mm	9840 mm		1 / 3 °	

VDI table

Stand-on: 08/2022

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich	
	1.2	Manufacturer's type designation			ETV Q20	ETV Q25
	1.3	Drive			Electric	
	1.4	Operation			Sideways-seated	
	1.5	Load capacity/load	Q	kg	2000	2500
	1.6	Load centre distance	c	mm	600	
	1.8	Load distance, centre of drive axle to fork	x	mm	449	
	1.8.1	Load distance, centre of drive axle to fork, mast extended		mm	230	
	1.9	Wheelbase	y	mm	1528	1638
Weights	2.1.1	Service weight (incl. battery)		kg	3700	
	2.3	Axle load unladen front/rear		kg	2264 / 1436	
	2.4	Axle load fork forward laden front/rear		kg	602 / 5598	
	2.5	Axle load fork back laden front/rear		kg	2032 / 4168	
Wheels/suspension system	3.1	Tyres			Polyurethane (PU)	
	3.2	Tyre size, front			Ø 343 x 140	
	3.3	Tyre size, rear			Ø 355 x 135	
	3.5	Wheels, number front/back (x=driven)			1x / 2	
	3.7	Tread width, rear	b ₁₁	mm	1420	
Basic dimensions	4.1	Forward/backward tilt of mast	a/β	°	1 / 5	
	4.2	Retracted mast height (h1)	h ₁	mm	2400	
	4.3	Free lift (h2)	h ₂	mm	1670	
	4.4	Lift (h3)	h ₃	mm	5300	
	4.5	Extended mast height (h4)	h ₄	mm	6030	
	4.7	Height of overhead guard (cab)	h ₆	mm	2190	
	4.8	Seat height/stand height	h ₇	mm	1057	
	4.10	Height of support arms	h ₈	mm	440	
	4.19	Overall length	l ₁	mm	2439	2511
	4.20	Length including fork shank	l ₂	mm	1289	1361
	4.21.1	Overall width	b ₁	mm	1770	
	4.21.2	Overall width	b ₂	mm	1270	
	4.22	Fork dimensions	s/e/l	mm	50 x 140 x 1150	
	4.23	Fork carriage connection class			2B	
	4.24	Fork carriage width	b ₃	mm	830	
	4.25	Width across forks	b ₅	mm	356	
	4.25.1	Width across forks (min.)	b ₅	mm	356	
	4.26	Width between support arms/loading areas	b ₄	mm	940	
	4.28	Reach distance		mm	679	762
	4.32	Ground clearance centre of wheelbase	m ₂	mm	95	
4.34.1	Aisle width (pallet 1000x1200 sideways)	Ast	mm	2756	2854	
4.34.2	Aisle width (pallet 800x1200 length)	Ast	mm	2792	2872	
4.35	Turning radius	W _a	mm	1741	1893	
4.37	Length over the support arms	L ₇	mm	1957	2112	
Performance data	5.1	Travel speed laden/unladen		km/h	14 / 14	
	5.2	Lift speed laden/unladen		m/s	0.38 / 0.64	0.35 / 0.64
	5.3	Lowering speed laden/unladen		m/s	0.55 / 0.55	
	5.4	Reach speed laden/unladen		m/s	0.2 / 0.2	
	5.7	Gradeability laden/unladen		%	7 / 11	

	5.8	Max. gradeability laden/unladen	%	10 / 15	
	5.9	Acceleration time laden/unladen	s	5.3 / 4.8	5.6 / 4.9
	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	
	6.3	Battery according to DIN 43531/35/36		DIN 43531 C	
	6.4	Battery voltage/nominal capacity	V / Ah	48 / 620	
	6.5	Battery weight	kg	1005	
	6.6.1	Energy consumption according to EN cycle	kWh/h	4.31	5
	6.6.2	CO2 equivalent as per EN 16796	kg/h	2.3	2.7
	6.7	Throughput	t/h	79.73	97.61
	6.8.1	Energy consumption with max. throughput	kWh/h	4.71	4.98
Other	8.1	Type of drive control		Mosfet/AC	
	10.1	Operating 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	

- 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: battery size and mast type affect load distance x
- VDI no. 2.1.1: battery size and mast version affect service weight and axle loads
- VDI no. 2.3: battery size and mast version affect service weight and axle loads
- VDI no. 2.4: battery size and mast version affect service weight and axle loads
- VDI no. 2.5: battery size and mast version affect service weight and axle loads
- VDI no. 4.1: the mast version determines the tilt values
- VDI no. 4.19: battery size, mast type and fork length affect the overall length l1
- VDI no. 4.20: battery size and mast type affect the length including fork shank l2
- VDI no. 4.28: battery size and mast type affect the reach distance l4
- VDI no. 4.34.1: battery size and mast type affect the aisle widths
- VDI no. 4.34.2: battery size and mast type affect the aisle widths
- The information in this document relates to the drive&liftPLUS performance package

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.