



Elektrische reachtruck

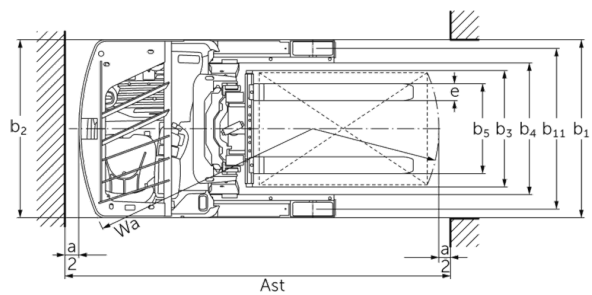
ETV 214i - 216i

Hefhoogte: 4550-10700 mm / Capaciteit: 1400-1600 kg



The drawing consists of two views of a forklift:

- Side View (Top):** Shows the forklift from the side. Key dimensions include:
 - h_1 : Total height to the top of the mast.
 - h_2 : Height to the top of the load backrest.
 - h_3 : Height to the top of the mast extension.
 - h_4 : Total height to the top of the mast.
 - h_6 : Height to the top of the operator's seat.
 - h_7 : Height to the top of the chassis.
 - h_8 : Height to the bottom of the chassis.
 - l_1 : Total length of the forklift.
 - l_2 : Length of the chassis.
 - l_3 : Length of the mast.
 - l_4 : Length of the load backrest.
 - l_7 : Length of the chassis to the front wheel.
 - l_8 : Length of the chassis to the rear wheel.
 - l_9 : Length of the chassis to the center of gravity.
 - l_{10} : Length of the chassis to the rear wheel.
 - l_{11} : Length of the chassis to the rear wheel.
 - l_{12} : Length of the chassis to the rear wheel.
 - l_{13} : Length of the chassis to the rear wheel.
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 - l_{94} : Length of the chassis to the rear wheel.
 - l_{95} : Length of the chassis to the rear wheel.
 - l_{96} : Length of the chassis to the rear wheel.
 - l_{97} : Length of the chassis to the rear wheel.
 - l_{98} : Length of the chassis to the rear wheel.
 - l_{99} : Length of the chassis to the rear wheel.
 - l_{100} : Length of the chassis to the rear wheel.
- Top View (Bottom):** Shows the forklift from above. Key dimensions include:
 - b_1 : Total width.
 - b_2 : Width of the chassis.
 - b_3 : Width of the mast.
 - b_4 : Width of the load backrest.
 - b_5 : Width of the chassis.
 - b_{11} : Width of the chassis.
 - e : Distance from the centerline to the rear wheel.
 - a : Distance from the centerline to the front wheel.
 - $a/2$: Distance from the centerline to the front wheel.
 - a_{st} : Distance from the centerline to the front wheel.
 - $a_{st}/2$: Distance from the centerline to the front wheel.
 - Wa : Weight of the chassis.



ETV 214i - 216i

ETV 214i, ETV 216i	Heffing (h3)	Ingeschoven masthoogte (h1)	Vrije heffing (h2)	Uitgeschoven masthoogte (h4)	Neiging mast voorover/achterover	Neiging vorkenbord voorover/achterover
Mastneiging / Drievoudige mast DZ / koud vervormd	6500 mm	2700 mm	2046 mm	7154 mm	0,5 / 2 °	
	6800 mm	2800 mm	2146 mm	7454 mm	0,5 / 2 °	
	7100 mm	2900 mm	2246 mm	7754 mm	0,5 / 2 °	
	7310 mm	2970 mm	2316 mm	7964 mm	0,5 / 1 °	
	7400 mm	3000 mm	2346 mm	8054 mm	0,5 / 1 °	
	7700 mm	3100 mm	2446 mm	8354 mm	0,5 / 1 °	
	8000 mm	3200 mm	2546 mm	8654 mm	0,5 / 1 °	
	8300 mm	3300 mm	2646 mm	8954 mm	0,5 / 1 °	
	8420 mm	3340 mm	2686 mm	9074 mm	0,5 / 1 °	
	8720 mm	3440 mm	2786 mm	9374 mm	0,5 / 1 °	
	9020 mm	3540 mm	2886 mm	9674 mm	0,5 / 1 °	
Mastneiging / Drievoudige mast DZ / warmgewalste	4550 mm	2050 mm	1396 mm	5204 mm	1 / 5 °	
	5000 mm	2200 mm	1546 mm	5654 mm	1 / 5 °	
	5240 mm	2280 mm	1626 mm	5894 mm	1 / 5 °	
	5300 mm	2300 mm	1646 mm	5954 mm	1 / 5 °	
	5450 mm	2350 mm	1696 mm	6104 mm	1 / 3 °	
	5600 mm	2400 mm	1746 mm	6254 mm	1 / 3 °	
	5720 mm	2440 mm	1786 mm	6374 mm	1 / 3 °	
	5900 mm	2500 mm	1846 mm	6554 mm	1 / 3 °	
	6200 mm	2600 mm	1946 mm	6854 mm	1 / 3 °	
	6500 mm	2700 mm	2046 mm	7154 mm	0,5 / 2 °	
	6800 mm	2800 mm	2146 mm	7454 mm	0,5 / 2 °	
	7100 mm	2900 mm	2246 mm	7754 mm	0,5 / 2 °	
	7310 mm	2970 mm	2316 mm	7964 mm	0,5 / 1 °	
	7400 mm	3000 mm	2346 mm	8054 mm	0,5 / 1 °	
Vorkneiging / Drievoudige mast DZ / koud vervormd	5000 mm	2200 mm	1546 mm	5654 mm		2 / 5 °
	5300 mm	2300 mm	1646 mm	5954 mm		2 / 5 °
	5600 mm	2400 mm	1746 mm	6254 mm		2 / 5 °
	5900 mm	2500 mm	1846 mm	6554 mm		2 / 5 °
	6200 mm	2600 mm	1946 mm	6854 mm		2 / 5 °
	6500 mm	2700 mm	2046 mm	7154 mm		2 / 5 °
	6800 mm	2800 mm	2146 mm	7454 mm		2 / 5 °
	7100 mm	2900 mm	2246 mm	7754 mm		2 / 5 °
	7400 mm	3000 mm	2346 mm	8054 mm		2 / 5 °
	7700 mm	3100 mm	2446 mm	8354 mm		2 / 5 °
	8000 mm	3200 mm	2546 mm	8654 mm		2 / 5 °
	8300 mm	3300 mm	2646 mm	8954 mm		2 / 5 °
	8420 mm	3340 mm	2686 mm	9074 mm		2 / 5 °
	8720 mm	3440 mm	2786 mm	9374 mm		2 / 5 °
	9020 mm	3540 mm	2886 mm	9674 mm		2 / 5 °
	9410 mm	3670 mm	3016 mm	10064 mm		2 / 5 °
	9920 mm	3840 mm	3186 mm	10574 mm		2 / 5 °
	10250 mm	3950 mm	3296 mm	10904 mm		2 / 5 °

	10520 mm	4040 mm	3386 mm	11174 mm	2 / 5 °
	10700 mm	4100 mm	3446 mm	11354 mm	2 / 5 °

VDI-tabel

Kenmerken	1.2	Typeaanduiding fabrikant			ETV 214i	ETV 216i
	1.3	Aandrijving			Elektrisch	
	1.4	Bediening			Dwarsgeplaatste zitplaats	
	1.5	Capaciteit/last	Q	kg	1400	1600
	1.6	Lastzwaartepuntafstand	c	mm	600	
	1.8	Lastafstand	x	mm	433	383
	1.8.1	Lastafstand, uitgeschoven mast		mm	205	
	1.9	Wielbasis	y	mm	1410	1460
Gewichten	2.1.1	Eigen gewicht (incl. accu)		kg	2828	2850
	2.3	Aslast onbelast voor/achter		kg	1805 / 1023	1815 / 1035
	2.4	Aslast vorken voor met last voor/achter		kg	494 / 3734	503 / 3947
	2.5	Aslast vorken achter met last voor/achter		kg	1586 / 2642	1594 / 2856
Wielen/chassis	3.1	Banden			Polyurethaan (PU)	
	3.2	Bandenmaat, voor			Ø 270 x 114	
	3.3	Bandenmaat, achter			Ø 285 x 100	
	3.5	Wielen, aantal voor/achter (x = aangedreven)			1x / 2	
	3.7	Spoorbreedte, achter	b11	mm	1148	
Afmetingen	4.1	Neiging mast voorover/achterover	a/β	°	1 / 3	
	4.2	Ingeschoven masthoogte (h1)	h1	mm	2300	
	4.3	Vrije heffing (h2)	h2	mm	1656	
	4.4	Heffing (h3)	h3	mm	5300	
	4.5	Uitgeschoven masthoogte (h4)	h4	mm	5944	
	4.7	Hoogte beschermend dak (cabine)	h6	mm	2072	
	4.8	Zithoogte / stahoogte	h7	mm	947	
	4.10	Hoogte wielarmen	h8	mm	272	
	4.19	Totale lengte	l1	mm	2287	2437
	4.20	Lengte inclusief vorkrug	l2	mm	1187	1287
	4.21.1	Totale breedte	b1	mm	1270	
	4.21.2	Totale breedte	b2	mm	1270	
	4.22	Vorkafmetingen	s/e/l	mm	40 x 120 x 1150	
	4.23	Vorkenbord aansluitklasse			2B	
	4.24	Breedte vorkenbord	b3	mm	830	
	4.25	Maat over de vorken	b5	mm	335	
	4.25.1	Maat over de vorken (min./max.)	b5	mm	335 / 730	
	4.26	Maat tussen de wielarmen/laadruimte	b4	mm	940	
	4.28	Reachbaan		mm	638	588
	4.32	Bodemvrijheid midden wielbasis	m2	mm	75	
	4.34.1	Werkbreedte (pallet 1000 x 1200 dwars)	Ast	mm	2646	2731
	4.34.2	Werkbreedte (pallet 800x1200 longitudinaal)	Ast	mm	2685	2780

	4.35	Draaicirkel	Wa	mm	1620	1670
	4.37	Lengte over de wielarmen	L7	mm	1780	1830
Prestaties	5.1	Rijsnelheid met last/onbelast		km/u	11 / 11	
	5.2	Hefsnelheid met last/onbelast		m/s	0,4 / 0,68	0,38 / 0,68
	5.3	Daalsnelheid met last/onbelast		m/s	0,55 / 0,52	
	5.4	Reachsnelheid met last/onbelast		m/s	0,2 / 0,2	
	5.7	Nominale helling met last/onbelast		%	7 / 10	
	5.8	Max. helling met last/onbelast		%	10 / 15	
	5.9	Acceleratietijd met last/onbelast		s	5,2 / 4,8	
	5.10	Rem			elektrisch	
E-motor/elektronica	6.1	Rijmotor, vermogen S2 60 min		kW	7,5	
	6.2	Hefmotor, vermogen bij S3		kW	10,5	
	6.3	Accu volgens DIN 43531/35/36			Jungheinrich Li-ion	
	6.4	Accuspanning/nominaal vermogen		V / Ah	51,2 / 230	
	6.5	Accugewicht		kg	106	190
	6.6.1	Energieverbruik volgens EN-cyclus		kWh/u	2,9	
	6.6.2	CO2-equivalent volgens EN16796		kg/h	1,6	
	6.7	Omslag		t/h	49	57
	6.8.1	Energieverbruik bij max. omslag		kWh/u	2,6	2,7
Overig	8.1	Type rijregeling			Draaistroom	
	10.1	Werkdruk voor aanbouwapparaat		bar	150	
	10.2	Oliestroom voor aanbouwapparatuur		l/min	20	
	10.7	Geluidsdrukniveau volgens EN12053, stuurbuis		dB (A)	67	65

- Dit typeblad volgens VDI-richtlijn 2198 noemt alleen de technische waarden van de standaardmachine. Afwijkende banden, andere hefmasten, extra systemen etc. kunnen resulteren in andere waarden.

De Duitse fabrieken in Norderstedt,
Moosburg en Landsberg zijn
gecertificeerd, evenals ons
onderdelenmagazijn in Kaltenkirchen.

ISO 9001
ISO 14001

Jungheinrich intern transport materieel
voldoet aan de Europese
veiligheidsvoorschriften.



 **JUNGHEINRICH**