



Gerbeur électrique

ERC 214bi-216bi

Hauteur de levée: 2400-6000 mm / Capacité de charge:
1400-1600 kg



The image contains two technical drawings of a vehicle chassis, labeled 'a' and 'b'.

View 'a' (Side View): This drawing shows the side profile of the chassis. Key dimensions and labels include:

- Vertical dimensions: h_4 (total height), h_6 (height to the top of the main body), 1271 (height to the top of the lower body), h_{14} (height to the bottom of the main body), 195 (height to the bottom of the lower body), h_3 (height to the top of the rear section), h_1 (height to the top of the rear section), h_2 (height to the top of the rear section), h_{13} (height to the bottom of the rear section).
- Horizontal dimensions: 631 (distance from the front to the center of the rear axle), l_2 (distance from the front to the center of the rear axle), y (distance from the front to the center of the rear axle), l_1 (distance from the front to the center of the rear axle).
- Other labels: s (distance from the front to the center of the rear axle), c (distance from the front to the center of the rear axle), Q (load), l (distance from the front to the center of the rear axle), x (distance from the front to the center of the rear axle), m_2 (mass).

View 'b' (Top View): This drawing shows the top view of the chassis. Key dimensions and labels include:

- Vertical dimensions: 800 (width), 560 (width), b_{10} (width), b_{11} (width), b_4 (width), b_{12} (width), b_6 (width).
- Horizontal dimensions: l_6 (length), e (distance from the front to the center of the rear axle), $a/2$ (distance from the front to the center of the rear axle), $a/2$ (distance from the front to the center of the rear axle).
- Other labels: W_a (width), As_t (width), h (height), h_1 (height), h_2 (height), h_3 (height), h_4 (height), h_5 (height), h_6 (height), h_7 (height), h_8 (height), h_9 (height), h_{10} (height), h_{11} (height), h_{12} (height), h_{13} (height), h_{14} (height), h_{15} (height), h_{16} (height), h_{17} (height), h_{18} (height), h_{19} (height), h_{20} (height), h_{21} (height), h_{22} (height), h_{23} (height), h_{24} (height), h_{25} (height), h_{26} (height), h_{27} (height), h_{28} (height), h_{29} (height), h_{30} (height), h_{31} (height), h_{32} (height), h_{33} (height), h_{34} (height), h_{35} (height), h_{36} (height), h_{37} (height), h_{38} (height), h_{39} (height), h_{40} (height), h_{41} (height), h_{42} (height), h_{43} (height), h_{44} (height), h_{45} (height), h_{46} (height), h_{47} (height), h_{48} (height), h_{49} (height), h_{50} (height), h_{51} (height), h_{52} (height), h_{53} (height), h_{54} (height), h_{55} (height), h_{56} (height), h_{57} (height), h_{58} (height), h_{59} (height), h_{60} (height), h_{61} (height), h_{62} (height), h_{63} (height), h_{64} (height), h_{65} (height), h_{66} (height), h_{67} (height), h_{68} (height), h_{69} (height), h_{70} (height), h_{71} (height), h_{72} (height), h_{73} (height), h_{74} (height), h_{75} (height), h_{76} (height), h_{77} (height), h_{78} (height), h_{79} (height), h_{80} (height), h_{81} (height), h_{82} (height), h_{83} (height), h_{84} (height), h_{85} (height), h_{86} (height), h_{87} (height), h_{88} (height), h_{89} (height), h_{90} (height), h_{91} (height), h_{92} (height), h_{93} (height), h_{94} (height), h_{95} (height), h_{96} (height), h_{97} (height), h_{98} (height), h_{99} (height), h_{100} (height), h_{101} (height), h_{102} (height), h_{103} (height), h_{104} (height), h_{105} (height), h_{106} (height), h_{107} (height), h_{108} (height), h_{109} (height), h_{110} (height), h_{111} (height), h_{112} (height), h_{113} (height), h_{114} (height), h_{115} (height), h_{116} (height), h_{117} (height), h_{118} (height), h_{119} (height), h_{120} (height), h_{121} (height), h_{122} (height), h_{123} (height), h_{124} (height), h_{125} (height), h_{126} (height), h_{127} (height), h_{128} (height), h_{129} (height), h_{130} (height), h_{131} (height), h_{132} (height), h_{133} (height), h_{134} (height), h_{135} (height), h_{136} (height), h_{137} (height), h_{138} (height), h_{139} (height), h_{140} (height), h_{141} (height), h_{142} (height), h_{143} (height), h_{144} (height), h_{145} (height), h_{146} (height), h_{147} (height), h_{148} (height), h_{149} (height), h_{150} (height), h_{151} (height), h_{152} (height), h_{153} (height), h_{154} (height), h_{155} (height), h_{156} (height), h_{157} (height), h_{158} (height), h_{159} (height), h_{160} (height), h_{161} (height), h_{162} (height), h_{163} (height), h_{164} (height), h_{165} (height), h_{166} (height), h_{167} (height), h_{168} (height), h_{169} (height), h_{170} (height), h_{171} (height), h_{172} (height), h_{173} (height), h_{174} (height), h_{175} (height), h_{176} (height), h_{177} (height), h_{178} (height), h_{179} (height), h_{180} (height), h_{181} (height), h_{182} (height), h_{183} (height), h_{184} (height), h_{185} (height), h_{186} (height), h_{187} (height), h_{188} (height), h_{189} (height), h_{190} (height), h_{191} (height), h_{192} (height), h_{193} (height), h_{194} (height), h_{195} (height), h_{196} (height), h_{197} (height), h_{198} (height), h_{199} (height), h_{200} (height), h_{201} (height), h_{202} (height), h_{203} (height), h_{204} (height), h_{205} (height), h_{206} (height), h_{207} (height), h_{208} (height), h_{209} (height), h_{210} (height), h_{211} (height), h_{212} (height), h_{213} (height), h_{214} (height), h_{215} (height), h_{216} (height), h_{217} (height), h_{218} (height), h_{219} (height), h_{220} (height), h_{221} (height), h_{222} (height), h_{223} (height), h_{224} (height), h_{225} (height), h_{226} (height), h_{227} (height), h_{228} (height), h_{229} (height), h_{230} (height), h_{231} (height), h_{232} (height), h_{233} (height), h_{234} (height), h_{235} (height), h_{236} (height), h_{237} (height), h_{238} (height), h_{239} (height), h_{240} (height), h_{241} (height), h_{242} (height), h_{243} (height), h_{244} (height), h_{245} (height), h_{246} (height), h_{247} (height), h_{248} (height), h_{249} (height), h_{250

ERC 214bi-216bi

ERC 214bi	Levée (h3)	Hauteur du mât replié (h1)	Levée libre (h2)	Hauteur du mât déployé (h4)
Mât duplex ZT	2500 mm	1800 mm	100 mm	3025 mm
	2760 mm	1930 mm	100 mm	3285 mm
	2900 mm	2000 mm	100 mm	3425 mm
	3160 mm	2130 mm	100 mm	3685 mm
	3600 mm	2350 mm	100 mm	4125 mm
	4100 mm	2600 mm	100 mm	4625 mm
	4300 mm	2700 mm	100 mm	4825 mm
Mât triple DZ	4090 mm	1880 mm	1348 mm	4622 mm
	4300 mm	1950 mm	1418 mm	4832 mm
	4690 mm	2080 mm	1548 mm	5222 mm
	5350 mm	2300 mm	1768 mm	5882 mm
	6000 mm	2550 mm	1968 mm	6582 mm

Tableau VDI

Sigle	1.1	Fabricant (désignation abrégée)		Jungheinrich
	1.2	Code type du fabricant		ERC 214bi
	1.3	Entraînement		Électrique
	1.4	Commande		Poste de conduite
	1.5	Capacité de charge/charge	Q kg	1400
	1.6	Distance du centre de gravité de la charge	c mm	600
	1.8	Distance du talon de fourche à l'axe essieu avant	x mm	681
	1.9	Empattement	y mm	1324
Poids	2.1.1	Poids propre (batterie comprise)	kg	1500
	2.2	Charge sur essieu avec charge à l'avant / à l'arrière	kg	1215 / 1685
	2.3	Charge sur essieu sans charge à l'avant / à l'arrière	kg	1145 / 355
Roues / Châssis	3.1	Pneus		Polyuréthane (PU)
	3.2	Taille des roues AV		Ø 230 x 77
	3.3	Taille des roues AR		Ø 85 x 75
	3.4	Roues supplémentaires		Ø 140 x 57
	3.5	Roues, nombre à l'avant / à l'arrière (x=à entraînement)		1x + 1 / 4
	3.6	Voie avant	b10 mm	535
	3.7	Voie arrière	b11 mm	1000
	3.7.1	2. Voie arrière	mm	1170
	3.7.2	3. Voie arrière	mm	1370
Dimensions de base	4.2	Hauteur du mât replié (h1)	h1 mm	2300
	4.3	Levée libre (h2)	h2 mm	1768
	4.4	Levée (h3)	h3 mm	5350
	4.5	Hauteur du mât déployé (h4)	h4 mm	5882
	4.7	Hauteur du toit de protection (cabine)	h6 mm	2300
	4.9	Hauteur de la poignée du timon en position de conduite min. / max.	h14 mm	1185 / 1245
	4.19	Longueur totale	l1 mm	2425
	4.20	Longueur, talon de fourche compris	l2 mm	1274
	4.21.1	Largeur totale	b1 mm	1100
	4.22	Dimensions des fourches	s/e/ l mm	40 x 100 x 1150
	4.24	Largeur du tablier porte-fourches	b3 mm	800
	4.32	Garde au sol centre empattement	m2 mm	50
	4.34.1	Largeur d'allée de travail (palette 1000 x 1200 transversale)	Ast mm	2632
	4.34.2	Largeur d'allée (palette 800x1200 dans le sens de la longueur)	Ast mm	2682
	4.35	Rayon de braquage	Wa mm	1963

Caractéristiques de performance	5.1	Vitesse de traction avec / sans charge	km/h	9 / 12
	5.2	Vitesse de levée avec / sans charge	m/s	0,19 / 0,35
	5.3	Vitesse de descente avec / sans charge	m/s	0,43 / 0,49
	5.8	Capacité de franchissement max. des pentes avec / sans charge	%	8 / 16
	5.10	Frein de service		générateur
Moteur électrique / système électronique	6.1	Moteur de traction, puissance S2 60 min	kW	3,2
	6.2	Moteur de levée, performance pour S3	kW	3
	6.3	Batterie selon DIN 43531/35/36		Lithium-ions Jungheinrich
	6.4	Tension de batterie / capacité nominale	V / Ah	24 / 260
	6.5	Poids de la batterie	kg	98
	6.6	Consommation d'énergie selon cycle VDI	kWh/h	0
	6.6.1	Consommation d'énergie selon cycle EN	kWh/h	0,96
	6.6.2	Équivalent CO2 selon EN16796	kg/h	0,5
	6.7	Rendement de transbordement	t/h	83
	6.8.1	Consommation d'énergie pour un rendement de transbordement max.	kWh/h	2,31
Autres	8.1	Type de commande de conduite		CA
	10.7	Niveau sonore selon EN12053, oreille cariste	dB (A)	68

- Cette fiche technique selon la directive VDI 2198 n'indique que les valeurs techniques du chariot standard. D'autres bandages, d'autres mâts, des dispositifs supplémentaires, etc. peuvent donner lieu à d'autres valeurs.

Les valeurs figurant dans le tableau sont valables pour la batterie lithium-ion 260 Ah, le mât DZ 5350 / DZ 5250, la longueur de fourches 1 150 mm, avec toit protège-cariste, sans pare-choc.

- N° VDI 1.8 : avec mât ZT : $x + 32$ mm
- N° VDI 4.19 : avec mât ZT : $l_1 - 32$ mm
- N° VDI 4.20 : avec mât ZT : $l_2 - 32$ mm
- N° VDI 4.21 : en fonction de la largeur de voie : 1 100 / 1 270 / 1 470 mm
- N° VDI 4.24 : largeurs du tablier porte-fourches disponibles : ISO 2A 800 / 975 mm
- N° VDI 4.34.1 : en diagonale selon VDI, en fonction de la largeur de voie : largeur d'allée + 211 / + 211 / + 273 mm ; avec mât ZT : largeur d'allée - 32 mm
- N° VDI 4.34.2 : en diagonale selon VDI, en fonction de la largeur de voie : largeur d'allée + 136 / + 136 / + 223 mm ; avec mât ZT : largeur d'allée - 32 mm
- N° VDI 6.2 : pour S3 = 11 %
- N° VDI 6.5 : pour batterie 130 Ah = 76 kg

Les usines de production de Norderstedt
et Moosburg en Allemagne sont
certifiées.

ISO 9001
ISO 14001

Les matériels Jungheinrich sont
conformes aux normes européennes de
sécurité



 **JUNGHEINRICH**