

ELECTRIC FORKLIFT			SPECIFICATION VDI 2198			
Characteristics	1	Manufacturer	BALKANCAR RECORD			
	2	Type			AC/EP 630.30.322 S	AC/EP 634.30.342 S
	3	Load capacity	Q	kg	1250	1600
	4	Load center	C	mm	500	
	5	Drive unit	Battery/diesel/LPG		Battery	
	6	Type of operation	Pedestrian/rider seated/stand-on		Rider seated	
	7	Tyres	L – pneumatic; SE – superelastic		L/L (SE/SE)	
	8	Wheels (x–driven)	Number, front/rear		2 x / 2	
Dimensions	9	Lift	h ₃	Lift height	mm	3000 ¹⁾
	10		h ₂	Free lift	mm	90 ¹⁾
	11		h ₅	Extended free lift	mm	- ¹⁾
	12	Fork carriage	According to DIN 15137		2A	
	13	Fork dimensions	s/e/l	Thickness/width/length	mm	40 x 80 x 1150 ²⁾
	14	Tilt angle	α/β	Forward/backward	(°)	4°±1°/ 8°±1°
	15	Overall dimensions	L ₂	Length	mm	1938
	16		B	Width	mm	995
	17		h ₁	Height, mast lowered	mm	2080 ¹⁾
	18		h ₄	Height, mast extended	mm	3535 ¹⁾
	19		h ₆	Height of overhead guard	mm	2065
	20		h ₇	Height of seat	mm	1050
	21	Turning radius	W _a	Outer radius	mm	1750
	22	Load distance	X	Front axle center to fork face	mm	358
	23	Aisle width	Ast ₄	For pallets 800x1200	mm	3450
				For pallets 1000x1200		3650
Performance	24	Speed		Travel with load/without load	km/h	12 / 12
	25			Lifting with load/without load	m/s	0,31 / 0,36
	26			Lowering with load/without load	m/s	0,46 / 0,49
	27	Rated drawbar pull		With load S ₂ – 60 min	kN	1,7
	28	Maximum drawbar pull		With load S ₂ – 5 min	kN	8,4
	29	Climbing ability		With load/without load S ₂ – 30 min	%	4 / 8
Weight	30	Maximum climbing ability		With load/without load S ₂ – 5 min	%	10 / 14
				With load/without load S ₂ – 1 min	%	20 / 24
	31	Weight		Including battery acc. to ISO 5053 – 87	kg	2680
Chassis	32	Axle load		With load front/rear	kg	3370/560
	33			Without load front/rear	kg	1320/1360
						1440/1560
	34	Tyres		Number, front/rear		2/2
	35			Size, front		18 x 7 – 8
	36			Size, rear		16 x 6 – 8
Drive	37	Wheelbase	Y	mm	1280	
	38	Track width		Front/rear	mm	821/774
	39	Ground clearance	m ₁	Lowest point with load	mm	80
	40		m ₂	Center of wheelbase with load	mm	104
	41	Service brake	Mech./hydr./pneum./combined		Hydraulic	
	42	Parking brake	Hand/foot		Hand	
	43	Battery		Type	Panzer	
	44			Voltage/rated capacity (after 5 hour of work)	V/Ah	48/400
	45			Weight	kg	755
	46	Electric motors		Drive motor performance at S ₂ – 60 min	kW	7
	47			Lift motor performance at S ₄ – 25%	kW	9
	48	Drive control	Type		Impulse regulator	
	49	Transmission	Type		Mechanical	
	50	Working pressure	For attachments		MPa	14
	51	Noise level	Average value at operator's ear		dB(A)	60

3) For other lift heights refer to MAST table.

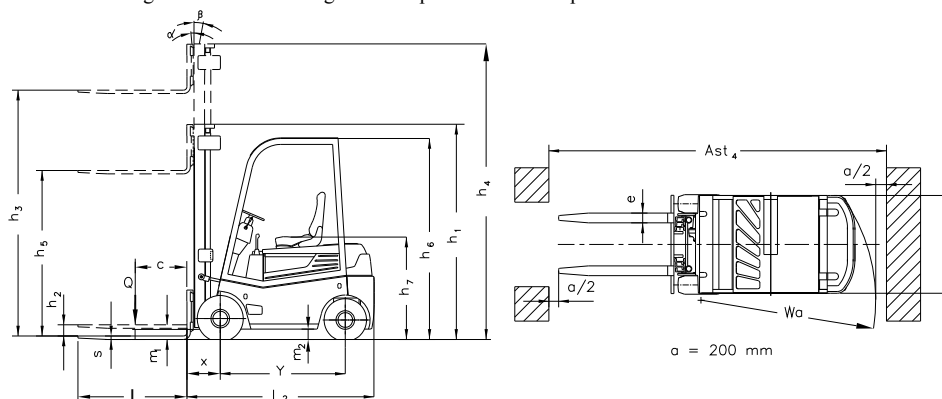
Size h₄ does not include a load backrest. When a backrest is fitted add + 680 mm.

4) Recommended fork dimensions

* Electric forklifts in accordance with BDS EN 1726-1

* Dimensions and parameters as shown are for reference only. They have been obtained under laboratory testing conditions. They could vary in accordance with the operation mode and the corresponding variants.

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ELECTRIC FORKLIFT			SPECIFICATION VDI 2198			
Characteristics	1	Manufacturer	BALKANCAR RECORD			
	2	Type			AC/EP 638.30.363 S	AC/EP 640.30.363 S
	3	Load capacity	Q	kg	2000	2500
	4	Load center	C	mm	500	
	5	Drive unit	Battery/diesel/LPG		Battery	
	6	Type of operation	Pedestrian/Rider seated/Stand-on		Rider seated	
	7	Tyres	L – pneumatic; SE – superelastic		L/L (SE/SE)	
	8	Wheels (x–driven)	Number, front/rear		2x/2	
Dimensions	9	Lift	h ₃	Lift height	mm	3000 ¹⁾
	10		h ₂	Free lift	mm	70 ¹⁾
	11		h ₅	Extended free lift	mm	- ¹⁾
	12	Fork carriage	According to DIN 15137		2A	
	13	Fork dimensions	s/e/l	Thickness/width/length	mm	40x80x1150 ²⁾ 40x100x1150 ²⁾
	14	Tilt angle	α/β	Forward/backward	(°)	4°±1°/8°±1°
	15	Overall dimensions	L ₂	Length	mm	2210 2250
	16		B	Width	mm	1140
	17		h ₁	Height, mast lowered	mm	2100 ¹⁾
	18		h ₄	Height, mast extended	mm	3580 ¹⁾
	19		h ₆	Height of overhead guard	mm	2165
	20		h ₇	Height of seat	mm	1050
	21	Turning radius	W _a	Outer radius	mm	1950 2000
	22	Load distance	X	Front axle center to fork face	mm	415
	23	Aisle width	Ast ₄	For pallets 800x1200 For pallets 1000x1200	mm	3720 3920 3770 3970
Performance	24	Speed		Travel with load/without load	km/h	13/13
	25			Lifting with load/without load	m/s	0,4/0,5
	26			Lowering with load/without load	m/s	0,5/0,4
	27	Rated drawbar pull		With load S ₂ – 60 min	kN	2,2
	28	Maximum drawbar pull		With load S ₂ – 5 min	kN	7
	29	Climbing ability		With load/without load S ₂ – 30 min	%	4/6
Weight	30	Maximum climbing ability		With load/without load S ₂ – 5 min	%	12/18 8/16
	31			With load/without load S ₂ – 1 min	%	21/22 20/21
	32	Weight		Including battery acc. to ISO 5053 – 87	kg	3380 4170
Chassis	33	Axle load		With load front/rear	kg	5150/730 5880/760
	34			Without load front/rear	kg	2040/1840 1920/2250
	35					
	36	Tyres		Number, front/rear		2/2
	37			Size, front		23 x 9 - 10
	38			Size, rear		18 x 7 – 8
Drive	39	Wheelbase	Y	mm	1500	
	40	Track width		mm	960/900	
	41	Ground clearance	m ₁	Lowest point with load	mm	110
	42		m ₂	Center of wheelbase with load	mm	120
	43	Service brake		Mech./hydr./pneum./combined		Hydraulic
Drive	44	Parking brake		Hand/foot		Hand
	45	Battery		Type		Panzer
	46			Voltage/rated capacity (after 5 hour of work)	V/Ah	80/400 80/440
	47			Weight	kg	1220 1300
	48	Electric motors		Drive motor performance at S ₂ – 60 min	kW	9
	49			Lift motor performance at S ₄ – 25%	kW	10
	50	Drive control		Type		Impulse regulator"PGDT"- England
	51	Transmission		Type		Mechanical
	52	Working pressure		For attachments	MPa	14
	53	Noise level		Average value at operator's ear	dB(A)	60
	54					

1) For other lift heights refer to MAST table.

Size h₄ does not include a load backrest. When a backrest is fitted add + 680 mm.

2) Recommended fork dimensions

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