

ELECTRIC FORKLIFT			SPECIFICATION VDI 2198			
Characteristics	1	Manufacturer	BALKANCAR RECORD			
	2	Type			AC/ER 630.30.222S	AC/ER 634.30.242S
	3	Load capacity	Q	kg	1250	1600
	4	Load center	C	mm	500	
	5	Drive unit	Battery/diesel/LPG			
	6	Type of operation	Pedestrian/rider seated/stand-on			
	7	Tyres	L – pneumatic; SE – superelastic			
	8	Wheels (x–driven)	Number, front/rear			
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			
	13	Fork dimensions	l	mm	2A / 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	Wa	Outer radius	mm
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	mm	3650	
Performance	24	Speed	Travel with load/without load	km/h	11 / 13	
	25		Lifting with load/without load	m/s	0,23 / 0,28	
	26		Lowering with load/without load	m/s	0,4 / 0,3	
	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
	With load/without load S ₂ – 5 min		%	10 / 14		
30	Maximum climbing ability	With load/without load S ₂ – 1 min		%	20 / 24	
Weight	31	Weight	Including battery acc. to ISO 5053 – 87		kg	2680
	32	Axle load	With load front/rear		kg	3370 / 560
	33		Without load front/rear		kg	1320 / 1360
Chassis	34	Tyres	Number, front/rear			2/2
	35		Size, front			18 x 7 – 8
	36		Size, rear			16 x 6 – 8
	37	Wheelbase	Y	mm	1280	
	38	Track width		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			
42	Parking brake	Hand/foot				
Drive	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 AC-motor performance at S ₂ – 60 min		kW	7kW / "AMRE"
	47		Pomp AC-motor performance at S ₄ – 25%		kW	9kW / "AMRE"
	48	Drive control	Type			
49	Working pressure	For attachments		MPa	14	
50	Noise level	Average value at operator's ear		dB(A)	60...62	

1) For other lift heights refer to MAST table.

Size h_4 does not include a load backrest. When a backrest is fitted add + 680 mm.

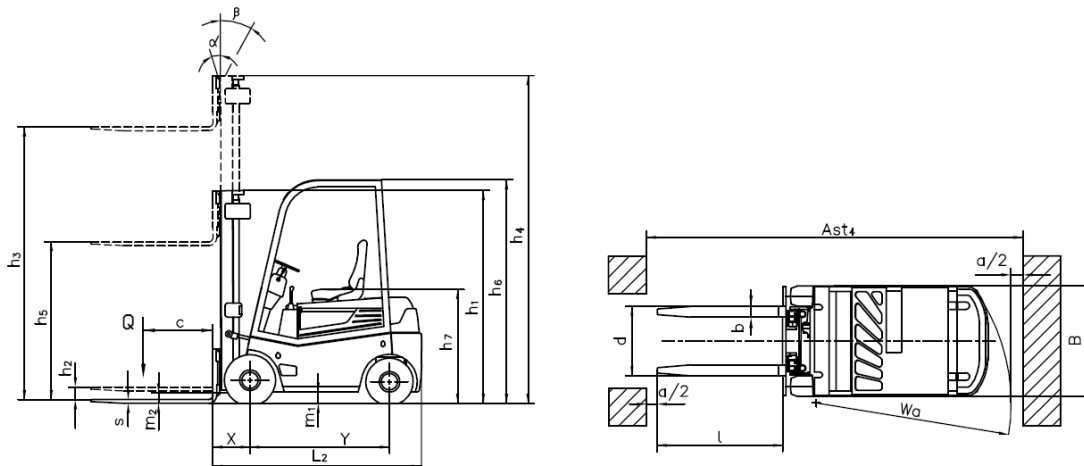
2) Recommended fork length.

* Electric forklifts in accordance with BDS EN 1726-1.

* Other variants of specifications, characteristics and batteries are possible.

* 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.

* Balkancar Rekord JSC reserves the right to introduce changes to the specifications and products without notice.



MAST				
TYPE	LIFT HEIGHT h ₃	HEIGHT, MAST LOWERED h ₁	HEIGHT, MAST EXTENDED h ₄	FREE LIFT h ₂ /h ₅

SIMPLEX - 1,25; 1,6 t ELECTRIC FORKLIFT
(Two masts, Free lift)

30 S	3000	2080	3535	90
40 S	4000	2570	4525	90

DUPLEX - 1,25; 1,6 t ELECTRIC FORKLIFT
(Two masts, Extended free lift)

30 D	3000	2080	3580	1500
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TRIPLEX - 1,25; 1,6 t ELECTRIC FORKLIFT
(Three masts, Extended free lift)

42 T	4200	1970	4770	1400
45 T	4500	2070	5070	1500
50 T	5000	2220	5520	1660
54 T	5400	2370	5970	1800
60 T	6000	2570	6570	2000