

ELECTRIC FORKLIFT			SPECIFICATION VDI 2198				
Characteristics	1	Manufacturer	BALKANCAR RECORD				
	2	Type			AC/ER 638.30.263S	AC/ER 640.30.263S	
	3	Load capacity	Q	kg	2000	2500	
	4	Load center	C	mm	500		
	5	Drive unit			Battery		
	6	Type of operation			Rider seated		
	7	Tyres			L/L (SE/SE)		
	8	Wheels (x-driven)			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	l	According to DIN 15137 / length	mm	2A / 1150 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	Wa	Outer radius	mm	1950
22	Load distance	X	Front axle center to fork face	mm	415		
23	Aisle width	Ast4	For pallets 800x1200	mm	3720	3770	
			For pallets 1000x1200	mm	3920	3970	
Performance	24	Speed		Travel with load/without load	km/h	13 / 15	
	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	
30	Maximum climbing ability			With load/without load $S_2 - 1$ min	%	12 / 18	8 / 16
Weight	31	Weight		Including battery acc. to ISO 5053 - 87	kg	3880	4170
	32	Axle load		With load front/rear	kg	5150 / 730	5880 / 460
	33			Without load front/rear	kg	2040 / 1840	1920 / 2250
Chassis	34	Tyres		Number, front/rear		2 / 2	
	35			Size, front		23 x 9 - 10	
	36			Size, rear		18 x 7 - 8	
	37	Wheelbase	Y	mm	1500		
	38	Track width		Front/rear	mm	960 / 900	
	39	Ground clearance	m_1	Lowest point with load	mm	110	
	40		m_2	Center of wheelbase with load	mm	120	
	41	Service brake			Mech./hydr./pneum./combined		Hydraulic
42	Parking brake			Hand/foot		Hand	
Drive	43	Battery		Type		Panzer	
	44			Voltage/rated capacity (after 5 hour of work)	V/Ah	80 / 400	
	45			Weight	kg	1220	
	46	Electric motors		Drive motor, performance at $S_2 - 60$ min	kW	9kW / "AMRE"	
	47			Pump AC-motor at $S_4 - 25\%$	kW	10kW / "AMRE"	
48	Drive control			Type		Impulse regulator "PGDT"- England	
50	Working pressure			For attachments	MPa	14	
51	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.

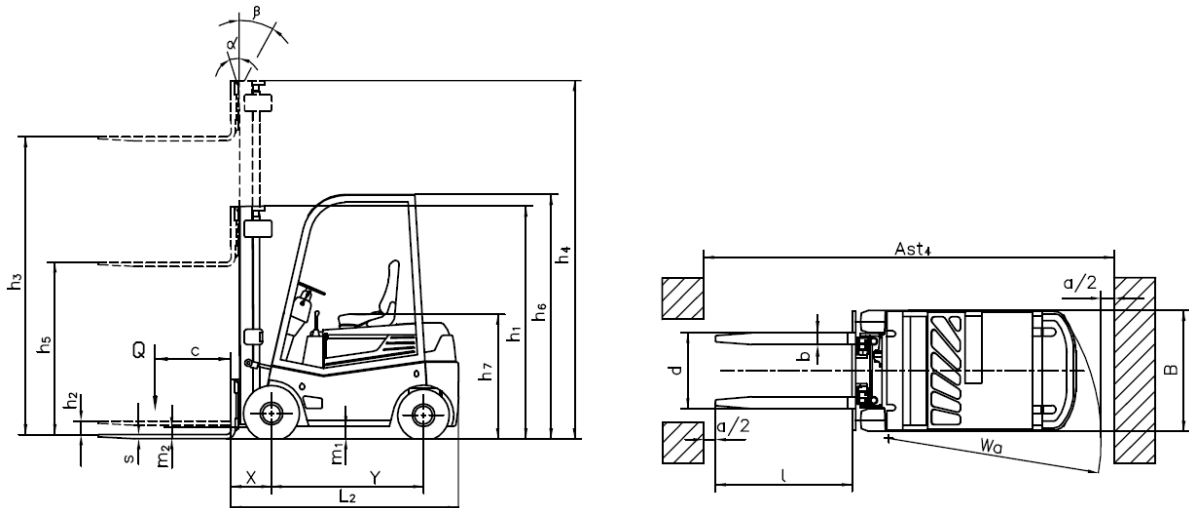
2) Recommended fork length.

* 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 - 2,0; 2,5 t ELECTRIC FORKLIFT
(Two masts, Free lift)

30 S	3000	2100	3580	70
40 S	4000	2590	4570	70

DUPLEX - 2,0; 2,5 t ELECTRIC FORKLIFT
(Two masts, Extended free lift)

30 D	3000	2100	3600	1500
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TRIPLEX - 2,0; 2,5 t ELECTRIC FORKLIFT
(Three masts, Extended free lift)

42 T	4200	2070	4790	1480
45 T	4500	2220	5220	1600
50 T	5000	2370	5670	1740
54 T	5400	2470	5990	1880
60 T	6000	2670	6590	2080