

ELECTRIC FORKLIFT			SPECIFICATION VDI 2198				
Characteristics	1	Manufacturer	BALKANCAR RECORD JSC				
	2	Type			ER 638.30.263S	ER 640.30.263S	
	3	Load capacity	Q	kg	2000	2500	
	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	70 ¹⁾	
	11		h_5	Extended free lift	mm	- ¹⁾	
	12	Fork carriage	According to DIN 15137				
	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		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		Electric pump motor at S ₄ – 25%	kW	10kW / "AMRE"		
48	Drive control	Type				Impulse regulator	
50	Working pressure	For attachments			MPa	14	
51	Noise level	Average value at operator's ear			dB(A)	70...72	

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.

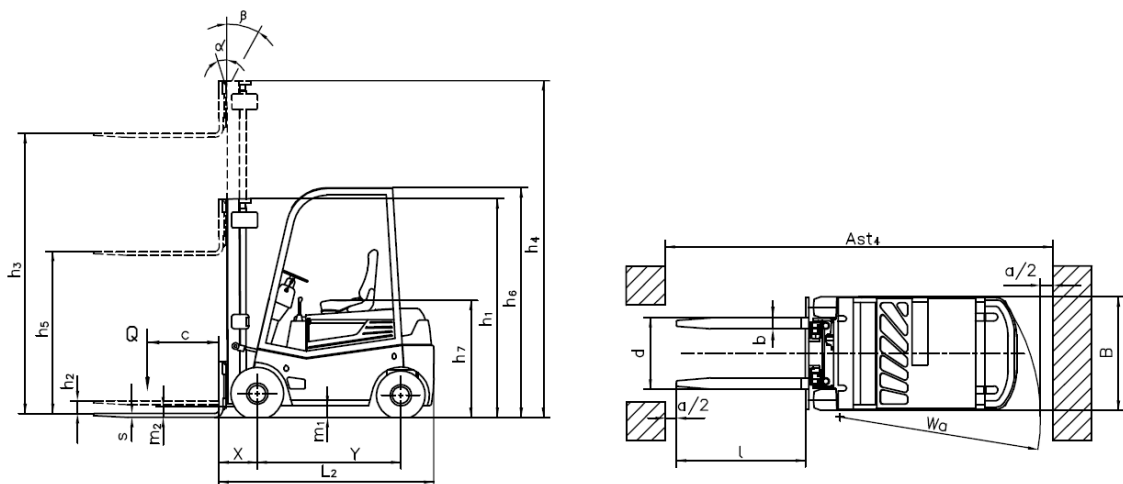
2) Recommended fork length.

* 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