

ELECTRIC FORKLIFT			SPECIFICATION VDI 2198			
Characteristics	1	Manufacturer	BALKANCAR RECORD			
	2	Type			ER 638.30.263 S	ER 640.30.273 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	mm	3000 ¹⁾	
	10		h ₂	mm	70 ¹⁾	
	11		h ₅	mm	- ¹⁾	
	12	Fork carriage	According to DIN 15137		2A	
	13	Fork dimensions	s/e/l	mm	40x80x1150 ³⁾	40x100x1150 ³⁾
	14	Tilt angle	α/β	(°)	4°±1°/8°±1°	
	15	Overall dimensions	L ₂	mm	2210	2250
	16		B	mm	1140	
	17		h ₁	mm	2100 ¹⁾	
	18		h ₄	mm	3580 ¹⁾	
	19		h ₆	mm	2165	
	20		h ₇	mm	1050	
	21	Turning radius	Wa	mm	1950	2000
	22	Load distance	X	mm	415	
	23	Aisle width	Ast ₄	mm	3720 3920	3770 3970
Performance	24	Speed	Travel with load/without load		13/15	
	25		Lifting with load/without load		0,4/0,5	
	26		Lowering with load/without load		0,5/0,4	
	27	Rated drawbar pull	With load S ₂ – 60 min		2,2	
	28	Maximum drawbar pull	With load S ₂ – 5 min		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	Weight	Including battery acc. to ISO 5053 – 87		3880	
	32	Axle load	With load front/rear		5150/730	5880/460
	33		Without load front/rear		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		960/900	
	39	Ground clearance	m ₁	mm	110	
	40		m ₂	mm	120	
	41	Service brake	Mech./hydr./pneum./combined		Hydraulic	
Drive	42	Parking brake	Hand/foot		Hand	
	43	Battery	Type		Panzer	
	44		Voltage/rated capacity (after 5 hour of work)		80/400	80/440
	45		Weight		1220	1300
	46	Electric motors	Drive motor performance at S ₂ – 60 min		9	
	47		Lift motor performance at S ₄ – 25%		10	
	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) 70...72	

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

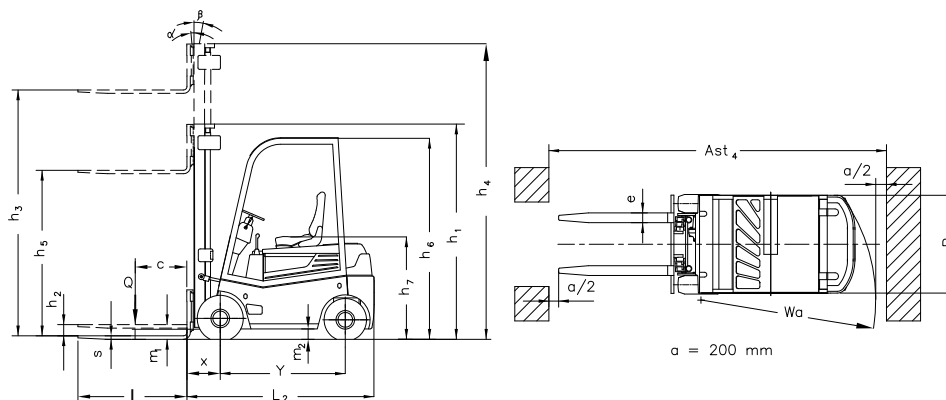
* Electric forklifts in accordance with BDS EN 1726-2

* 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.

* The pictures and illustrations do not include all variants produced, additional equipment and accessories.



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