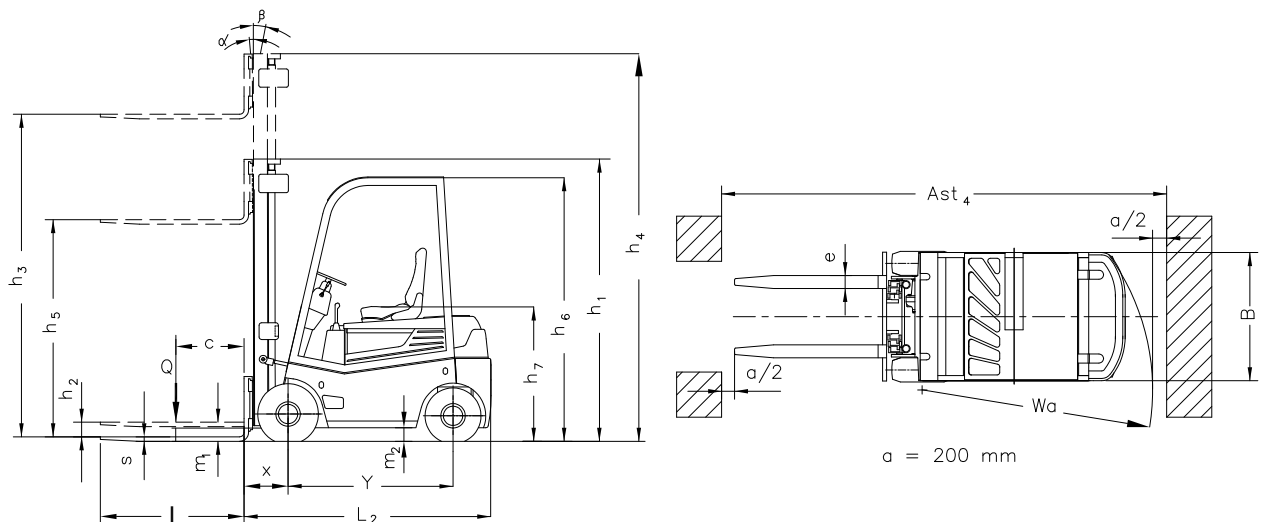


ELECTRIC FORKLIFT			SPECIFICATION VDI 2198			
Characteristics	1	Manufacturer	BALKANCAR RECORD			
	2	Type			ER 638.33.263 S	ER 640.33.283 S
	3	Load capacity	Q	kg	2000	2500
	4	Load center	C	mm	500	
	5	Drive unit	Battery/diesel/LPG		Battery	
	6	Type of operation	Pedestrian/Rider seated/Stand-on		Rider seated	
	7	Tyres	L – pneumatic; SE – superelastic, front/rear		L/L (SE/SE)	
	8	Wheels (x–driven)	Number, front/rear		2 x / 2	
Dimensions	9	Lift	h_3	Lift height	mm	3300 ¹⁾
	10		h_2	Free lift	mm	70 ¹⁾
	11		h_5	Extended free lift	mm	– ¹⁾
	12	Fork carriage	According to DIN 15137, class/type		2 / A	
	13	Fork dimensions	s/e/l	Thickness/width/length	mm	40 x 80 x 1150 ²⁾ 40 x 100 x 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	1180
	17		h_1	Height, mast lowered	mm	2240 ¹⁾
	18		h_4	Height, mast extended	mm	3870 ¹⁾
	19		h_6	Height of overhead guard	mm	2115
	20		h_7	Height of seat	mm	1050
	21		Turning radius	W_a	Outer turning radius	mm
22	Load distance	X	Front axle center to fork face	mm	415	
23	Aisle width	A_{st4}	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	0,23 / 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	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 – 5 min		%	12 / 18 8 / 16
Weight	31	Weight	Including battery to ISO 5053 – 87		kg	4080 4320
	32	Axle load	With load front/rear		kg	5450/650 6300/550
	33		Without load front/rear		kg	1900/2000 1950/2250
Chassis	34	Tyres	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	Beneath mast 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 (5h)		V/Ah	80/400 ; 80/440 80/400 ; 80/440
	45		Weight		kg	1220
	46	Electric motors	Drive motor S_2 – 60 min		kW	9
	47		Lift motor S_4 – 25%		kW	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.

2) Recommended fork dimensions

* Electric forklifts in accordance with BDS EN 1726-2



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)

33 S	3300	2240	3870	70
40 S	4000	2590	4570	70

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

28 D	2800	2000	3400	1400
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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