

ELECTRIC FORKLIFT			SPECIFICATION VDI 2198			
Characteristics	1	Manufacturer	BALKANCAR RECORD			
	2	Type			ER 630.30.222 S	ER 634.30.242 S
	3	Load capacity	Q	kg	1250	1600
	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	90 ¹⁾	
	11		h ₅	mm	- ¹⁾	
	12	Fork carriage	According to DIN 15137		2A	
	13	Fork dimensions	s/e/l	mm	40x80x1150 ³⁾	
	14	Tilt angle	α/β	(°)	4°±1°/8°±1°	
	15	Overall dimensions	L ₂	mm	1938	
	16		B	mm	995	
	17		h ₁	mm	2080 ¹⁾	
	18		h ₄	mm	3535 ¹⁾	
	19		h ₆	mm	2065	
	20		h ₇	mm	1050	
	21	Turning radius	Wa	mm	1750	
	22	Load distance	X	mm	358	
	23	Aisle width	Ast ₄	mm	3450 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	
Weight	30	Maximum climbing ability	With load/without load S ₂ – 5 min	%	10/14	
	31	Weight	With load/without load S ₂ – 1 min	%	20/24	
	32	Axle load	Including battery acc. to ISO 5053 – 87	kg	2680	3000
	33		With load front/rear	kg	3370/560	4190/410
Chassis	34	Tyres	Without load front/rear	kg	1320/1360	1440/1560
	35		Number, front/rear		2/2	
	36		Size, front		18 x 7 – 8	
	37	Wheelbase	Size, rear		16 x 6 – 8	
	38	Track width	Y	mm	1280	
	39	Ground clearance	Front/rear	mm	821/774	
	40		m ₁	mm	80	
	41	Service brake	m ₂	mm	104	
Drive	42	Parking brake	Mech./hydr./pneum./combined		Hydraulic	
	43	Battery	Hand/foot		Hand	
	44		Type		Panzer	
	45		Voltage/rated capacity (after 5 hour of work)	V/Ah	48/400	48/480
	46	Electric motors	Weight	kg	755	950
	47		Drive motor performance at S ₂ – 60 min	kW	7	
	48		Lift motor performance at S ₄ – 25%	kW	9	
	49	Drive control	Type		Impulse regulator	
	50	Transmission	Type		Mechanical	
	51	Working pressure	For attachments	MPa	14	
		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

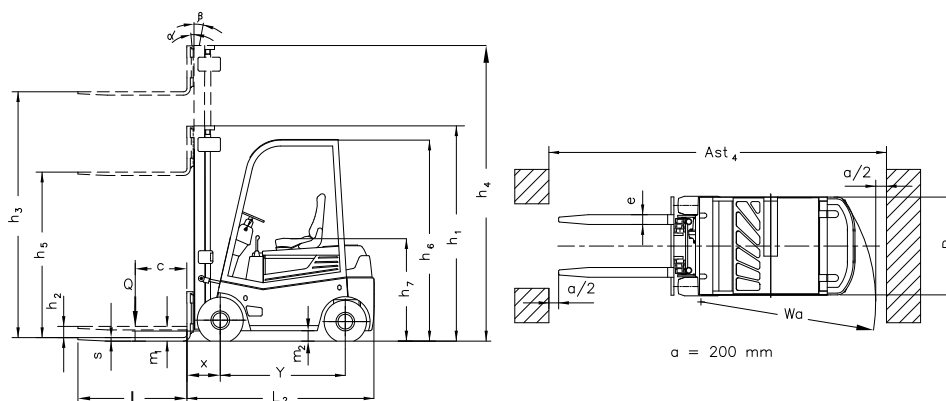
* Electric forklifts in accordance with BDS EN 1726-2

* 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 - 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