

ELECTRIC FORKLIFT			SPECIFICATION VDI 2198						
Characteristics	1	Manufacturer		BALKANCAR RECORD					
	2	Type		ELECTRIC FORKLIFT			ER 60	ER 70	ER 80
	3	Load capacity	Q		kg	6000	7000	8000	
	4	Load center	C	Load center to fork face	mm	600			
	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		4 x / 2			
Dimensions	9	Lift	h ₃	Lift height	mm	3300; 4000; 4500			
	10		h ₂	Free lift	mm	120			
	11		h ₅	Extended free lift	mm	-			
	12	Fork carriage		According to DIN 15137		4 A			
	13	Fork dimensions	s / e / l	Thickness/width/length	mm	60 x 130 x 1150 ²⁾		60 x 200 x 1200 ²⁾	
	14	Tilt angle	α / β	Forward/backward	(°)	5 ⁰ ±1 ⁰ / 10 ⁰ ±1 ⁰			
	15	Overall dimensions	L ₂	Length	mm	3300		3450	
	16		B	Width	mm	2350			
	17		h ₁	Height, mast lowered	mm	2677; 2960; 3210			
	18		h ₄	Height, mast extended	mm	4377 ¹⁾ ; 5000 ¹⁾ ; 5500 ¹⁾			
	19		h ₆	Height of overhead guard	mm	2420			
	20		h ₇	Height of seat	mm	1400			
	21	Turning radius	Wa	Outer radius	mm	3000		3200	
	22	Load distance	X	Front axle center to fork face	mm	615		640	
23	Aisle width	Ast ₄	For pallets 800x1200 For pallets 1000x1200	mm	4650 4850		4850 5050		
Performance	24	Speed		Travel with load/without load	km/h	10 / 12			
	25			Lifting with load/without load	m/s	0,3 / 0,4			
	26			Lowering with load/without load	m/s	0,3 / 0,4			
	27	Rated drawbar pull		With load S ₂ – 60 min	kN	10			
	28	Maximum drawbar pull		With load S ₂ – 5 min	kN	19			
	29	Climbing ability		With load/without load S ₂ – 30 min	%	8 / 11		6 / 9	
			With load/without load S ₂ – 5 min	%	10 / 13		8 / 11		
30	Maximum climbing ability		With load/without load S ₂ – 1 min	%	13 / 19		10 / 15		
Weight	31	Weight		Including battery acc. to ISO 5053 – 87	kg	9800	10700	11030	
	32	Axle load		With load front/rear	kg	13800 / 2000	15400 / 2300	16600 / 2420	
	33			Without load front/rear	kg	4000 / 5800	4400 / 6300	4530 / 6500	
Chassis	34	Tyres		Number, front/rear		4 / 2			
	35			Size, front		8,25 - 15			
	36			Size, rear		8,15 - 15			
	37	Wheelbase	Y		mm	2 250		2 350	
	38	Track width		Front/rear	mm	1400 / 1400			
	39	Ground clearance	m ₁	Lowest point with load	mm	200			
	m ₂		Center of wheelbase with load	mm	245				
	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	80/700	80/800	80/960	
	45			Weight	kg	2150	2500	2800	
	46	Electric motors		Drive motor performance at S ₂ – 60 min	kW	20 или 2x12			
	47			Lift motor performance at S ₄ – 25%	kW	22			
	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) Size h_4 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 1726-1

* 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.

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

