

# ELECTRIC FORKLIFT

# SPECIFICATION VDI 2198

		BALKANCAR RECORD JSC									
Characteristics	1	Manufacturer									
	2	Type	ELECTRIC FORKLIFT					ER 60	ER 70	ER 80	
	3	Load capacity	Q						6000	7000	8000
	4	Load center	C	Load center to fork face					600		
	5	Drive unit	Battery/diesel/LPG								
	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 <sub>3</sub>	Lift height	mm	3300; 4000; 4500					
	10		h <sub>2</sub>	Free lift	mm	120					
	11		h <sub>5</sub>	Extended free lift	mm	-					
	12	Fork carriage	According to DIN 15137					4 A			
	13	Fork dimensions	l	According to DIN 15137 / length					4A / 1150 <sup>2)</sup>		4A / 1200 <sup>2)</sup>
	14	Tilt angle	α / β	Forward/backward					5°±1° / 10°±1°		
	15	Overall dimensions	L <sub>2</sub>	Length	mm	3300	3450				
	16		B	Width	mm	2350					
	17		h <sub>1</sub>	Height, mast lowered	mm	2677; 2960; 3210					
	18		h <sub>4</sub>	Height, mast extended	mm	4377 <sup>1)</sup> ; 5000 <sup>1)</sup> ; 5500 <sup>1)</sup>					
	19		h <sub>6</sub>	Height of overhead guard	mm	2420					
	20		h <sub>7</sub>	Height of seat	mm	1400					
	21		Turning radius	Wa	Outer radius	mm	3000	3200			
22	Load distance	X	Front axle center to fork face					615	640		
23	Aisle width	Ast <sub>4</sub>	For pallets 800x1200					4650	4850		
			For pallets 1000x1200					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 <sub>2</sub> – 60 min					10			
	28	Maximum drawbar pull	With load S <sub>2</sub> – 5 min					19			
	29	Climbing ability	With load/without load S <sub>2</sub> – 30 min					8 / 11	6 / 9		
30	With load/without load S <sub>2</sub> – 5 min					10 / 13	8 / 11				
30	Maximum climbing ability	With load/without load S <sub>2</sub> – 1 min					13 / 19	10 / 15			
Weight	31	Weight	Including battery acc. to ISO 5053 – 87					9800	10700	11030	
	32	Axle load	With load front/rear					13800 / 2000	15400 / 2300	16600 / 2420	
	33		Without load front/rear					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					1400 / 1400			
	39	Ground clearance	m <sub>1</sub>	Lowest point with load					200		
	40		m <sub>2</sub>	Center of wheelbase with load					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 <sub>2</sub> – 60 min					20 или 2x12			
	47		Lift motor performance at S <sub>4</sub> – 25%					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<sub>4</sub> 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.

