

ELECTRIC TOW TRACTOR			SPECIFICATION VDI 2198					
			BALKANCAR RECORD JSC					
Characteristics	1	Manufacturer						
	2	Type						
	3	Drawbar pull	Q	kg	250	350	450	
	4	Drive unit	Battery / diesel / LPG					
	5	Type of operation	Pedestrian / rider seated / standon					
	6	Tyres	L – pneumatic; SE – superelastic					
	7	Wheels (x–driven)	Number, front/rear					
Dimensions	8	Overall dimensions	L	Length	mm	2450	3150	3150
	9		B	Width	mm	1000	1300	1300
	10		h	Height of seat	mm	830	955	955
	11		h ₃	Height of overhead guard	mm	1800	1955	1955
	12		h ₂	Height of the drawbar	mm	375	375	375
	13	Turning radius	Wa	Outer turning radius	mm	2200	2740	2740
	14	Width on working aisle	a ₂	When rotating of 90 ° passage	mm	2000	2800	2800
Performance	15	Speed	Travel with load / without load		km/h	8 / 12	12 / 13	9 / 10
	16	Climbing ability	With nominal load / without load		%	27	35	35
Weight	17	Weight	Including battery acc. to ISO 5053-87		kg	2250	3100	3410
	18	Axle load	Without load front / rear		kg	960 / 1290	1350/1750	1418/1992
Chassis	19	Tyres	Number, front / rear		2 / 2			
	20		Size, front		18x7-8	6.50-10		
	21		Size, rear		18x7-8	23x9-10		
	22	Y			mm	1200	1400	
	23	Wheelbase	B ₁ / B ₂	Front / rear	mm	790 / 910	1100 / 1100	
	24	Track width	m ₁	Lowest point with load	mm	90	120	
	25	Ground clearance	m ₂	Center of wheelbase with load	mm	150	290	
	26	Service brake	Mech. / hydr. / pneum. / combined					Hydraulic
27	Parking brake	Hand / foot					Hand	
Drive	28	Battery	Type		Panzer			
	29		Voltage / rated capacity (after 5 hour of work)		V/Ah	48V/260Ah	80V / 320Ah	
	30		Weight		kg	510	750	
	31	Electric motors	Manufacturer, type		“AMRE” Italy			
	32		Drive motor performance (S ₂ – 60 min)		kW	7	9	12
	33		Servo steering motor performance (S ₄ –25%)		kW	1		
	34		Drive control		Type			
35	Noise level	Average value at operator’s ear		dB(A)	60			

* ELECTRIC TOW TRACTOR in accordance with BDS ISO 3691-1.

* Other variants of specifications and characteristics 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.

