

ELECTRIC TOW TRACTOR			SPECIFICATION VDI 2198						
			BALKANCAR RECORD JSC						
Characteristics	1	Manufacturer							
	2	Type			ETT 1.25	ETT 2.5	ETT 3.5	ETT 4.5	
	3	Load capacity	Q		kg	125	250	350	450
	4	Drive unit		Battery / diesel / LPG	Battery				
	5	Type of operation		Pedestrian / rider seated / standon	Rider seated				
	6	Tyres		L – pneumatic; SE – superelastic	L / L				
	7	Wheels (x–driven)		Number, front/rear	2 / 2x				
Dimensions	8	Overall dimensions	L	Length	mm	2450	2450	3150	3150
	9		B	Width	mm	1000	1000	1300	1300
	10		h	Height of seat	mm	830	830	955	955
	11		h ₃	Height of overhead guard	mm	1800	1800	1955	1955
	12		h ₂	Height of the drawbar	mm	375	375	375	375
	13		Turning radius	Wa	Outer turning radius	mm	2200	2200	2740
	14	Width on working aisle	a ₂	When rotating of 90 ° passage	mm	2000	2000	2800	2800
Performance	15	Speed		Travel with load / without load	km/h	7 / 10	8 / 12	12 / 13	9 / 10
	16	Climbing ability		With nominal load / without load	%	20	27	35	35
Weight	17	Weight		Including battery acc. to ISO 5053-87	kg	1500	2250	3100	3410
	18	Axle load		Without load front / rear	kg	650 / 850	960 / 1290	1350 / 1750	1418 / 1992
Chassis	19	Tyres		Number, front / rear		2 / 2	2 / 2	2 / 2	2 / 2
	20			Size, front		18x7-8	18x7-8	6.50-10	6.50-10
	21			Size, rear		18x7-8	18x7-8	23x9-10	23x9-10
	22		Y		mm	1200	1200	1400	1400
	23	Wheelbase	B ₁ /B ₂	Front / rear	mm	790 / 910	790 / 910	1100 / 1100	1100 / 1100
	24	Track width	m ₁	Lowest point with load	mm	90	90	120	120
	25	Ground clearance	m ₂	Center of wheelbase with load	mm	150	150	290	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 / 220Ah	48V / 260Ah	80V / 320Ah	80V / 320Ah
	30			Weight	kg	510	510	750	750
	31	Electric motors		Manufacturer, type	"AMRE" Italy				
	32			Drive motor performance (S ₂ – 60 min)	kW	3	7	9	12
	33			Servo steering motor performance (S ₄ –25%)	kW	1			
	34	Drive control		Type	Impulse regulator "CURTIS"				
35	Noise level		Average value at operator's ear	dB(A)	60				

* ELECTRIC TOW TRACTOR in accordance with BDS EN 1726-1.

* 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.

