

DIESEL PLATFORM			SPECIFICATION					
Characteristics	1	Manufacturer	BALKANCAR RECORD JSC					
	2	Type			MPR 20	MPR 30	MPR 50	
	3	Load capacity	Q		kg	2000	3000	5000
	4	Drive unit		Battery / diesel / LPG		diesel		
	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		2x / 2x		2x / 4x
	8	Overall dimensions	L	Length	mm	3960		5920
	9		B	Width	mm	1800		2250
	10		h <sub>6</sub>	Height of overhead guard	mm	2395		
	11		AxB xH	Size of the gantry	mm	1730x1730 x1070		3500x2250 x1070
	12	Turning radius	Wa	Outer turning radius	mm	4450		5270
	13	Speed		Travel with load / without load	km/h	35 / 35		
	14	Rated drawbar pull		With load	kN	29	32	40
	15	Climbing ability		With nominal load / without load	%	40 / 45		35 / 40
Weight	16	Weight		Including battery acc. to ISO5053- 87	kg	3030		3850
	17	Axle load		Front – load / without load	kg	1845/1790	2000/1790	2900/2000
	18			Rear – load / without load	kg	3180/1240	4030/1240	5900/1900
Chassis	19	Tyres		Number, front / rear		2 / 2		2 / 4
	20			Size, front		8,25-20		
	21			Size, rear		8,25-20		
	22	Wheelbase	Y		mm	2175		3000
	23	Track width	B <sub>1</sub>	Предна/задна	mm	1440 / 1440		1440/1600
	24	Ground clearance	m <sub>1</sub>	Lowest point with load	mm	325		
	25		m <sub>2</sub>	Center of wheelbase with load	mm	335		
26	Service brake		Mech/ hydr/pneum/combined		Hydraulic			
27	Parking brake		Hand / foot		Electro-hydraulic			
Drive	28	Battery		Type		Starter		
	29			Voltage/rated capacity	V/Ah	12 / 95		
	30			Weight	kg	27		
	31	Internal combustion engine		Manufacturer, type (diesel/LPG)		TOYOTA 3Z (diesel)		DEUTZ D 2011L04W
	32			Engine performance to DIN 70020	kW	42		47,5
	33			Rated speed to DIN 70020	min <sup>-1</sup>	2200		2600
	34			Number of cylinders/displacement	/ cm <sup>3</sup>	4 / 3469		4/3620
	35			Fuel consumption	l/h	3 l/h (diesel)		3,5 l/h (diesel)
	36	Transmission		Type, speeds (forward/backward)		Hydrodynamic T12000, 3 / 3		
	37	Clutch coupling		Type		Hydro transformer		
38	Noise level		Average value at operator's ear	dB(A)	80			

\* 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.

