

DIESEL PLATFORM		SPECIFICATION				
Characteristics	1	Manufacturer	BALKANCAR RECORD JSC			
	2	Type			PR 20	PR 30
	3	Load capacity	Q	kg	2000	3000
	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	2 / 2x	
	8	Overall dimensions	L	Length	mm	3750
	9		B	Width	mm	1350
	10		$h_g$	Height of overhead guard	mm	2100
	11		AxBxH	Size of the gantry	mm	1450x1300x900
	12	Turning radius	Wa	Outer turning radius	mm	3605
	13	Speed		Travel with load / without load	km/h	18 / 20
	14	Rated drawbar pull		With load	kN	1-25
	15	Climbing ability		With nominal load / without load	%	35 / 36      30 / 32
Weight	16	Weight		Including battery acc. to ISO 5053–87	kg	2115
	17	Axle load		Front – load / without load	kg	1215 / 1120      1510 / 1120
	18			Rear – load / without load	kg	2900 / 995      3605 / 995
Chassis	19	Tyres		Number, front / rear		2 / 2
	20			Size, front		23x5
	21			Size, rear		8,15-15
	22	Wheelbase	Y		mm	2090
	23	Track width	$B_1$	Предна/задна	mm	995 / 990
	24	Ground clearance	$m_1$	Lowest point with load	mm	180
	25		$m_2$	Center of wheelbase with load	mm	200
	26	Service brake		Mech. / hydr. / pneum. / combined		Hydraulic
27	Parking brake		Hand / foot		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)
	32			Engine performance to DIN 70020	kW	42
	33			Rated speed to DIN 70020	$\text{min}^{-1}$	2200
	34			Number of cylinders/displacement	/ $\text{cm}^3$	4 / 3469
	35			Fuel consumption	l/h	3 (diesel)
36	Transmission		Type, speeds (forward/backward)		Hydrodynamic, 1/1	
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.

