

RECORD 1S			SPECIFICATION VDI 2198						
Characteristics	1	Manufacturer	BALKANCAR RECORD						
	2	Type			DV 1630.30.5MC S	DV 1632.30.5MC S	DV 1636.30.5MC S	DV 1638.30.5MC S	
	3	Load capacity	Q	kg	1250	1500	1750	2000	
	4	Load center	C	mm	500				
	5	Drive unit	Battery / diesel / LPG		Diesel				
	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		2x / 2				
Dimensions	9	Lift	h ₃	Lift height	mm	3000 ¹⁾			
	10		h ₂	Free lift	mm	80 ¹⁾			
	11		h ₅	Extended free lift	mm	– ¹⁾			
	12	Fork carriage	According to DIN 15137		2A				
	13	Fork dimensions	s/e/l	Thickness / width / length	mm	40 x 80 x 1150 ²⁾			
	14	Tilt angle	α/β	Forward / backward	(°)	5°±1° / 10°±1°			
	15	Overall dimensions	L ₂	Length	mm	2150	2200	2230	2290
	16		B	Width	mm	1180			
	17		h ₁	Height, mast lowered	mm	2080 ¹⁾			
	18		h ₄	Height, mast extended	mm	3540 ¹⁾			
	19		h ₆	Height of overhead guard	mm	2080			
	20		h ₇	Height of seat	mm	1006			
	21	Turning radius	Wa	Outer radius	mm	1900	1950	2015	2080
	22	Load distance	X	Front axle center to fork face	mm	402			
	23	Aisle width	Ast ₄	For pallets 800x1200 For pallets 1000x1200	mm	3650 3850	3700 3900	3765 3965	3830 4030
Performance	24	Speed		Travel with load/without load	km/h	15 / 16			
	25			Lifting with load/without load	m/s	0,5 / 0,6			
	26			Lowering with load/without load	m/s	0,4 / 0,3			
	27	Rated drawbar pull		With load	kN	16			
28	Climbing ability		With load/without load	%	22 / 24				
Weight	29	Weight		Including battery acc. to ISO 5053–87	kg	2440	2530	2730	2910
	30	Axle load		With load front/rear	kg	3300/390	3610/420	4030/450	4450/460
	31			Without load front/rear	kg	1000/1440	990/1540	1090/1640	1170/1740
Chassis	32	Tyres		Number, front/rear		2 / 2			
	33			Size, front		23x9-10			
	34			Size, rear		5,00-8			
	35	Wheelbase	Y	mm	1420				
	36	Track width		mm	970 / 910				
	37	Ground clearance	m ₁	Lowest point with load	mm	120			
	38		m ₂	Center of wheelbase with load	mm	140			
	39	Service brake		Mech./hydr./pneum./combined		Wet disk type			
40	Parking brake		Hand/foot		Hand				
Drive	41	Battery		Type		Starter			
	42			Voltage/rated capacity	V/Ah	12/88			
	43			Weight	kg	22			
	44	Internal combustion engine		Manufacturer, type (diesel/LPG)		TOYOTA 3Z (diesel)			
	45			Engine performance to DIN 70020	kW	42			
	46			Rated speed to DIN70020	min ⁻¹	2200			
	47			Number of cylinders/displacement	cm ³	4 / 3620			
	48			Fuel consumption	l/h	3 (diesel)			
	49	Transmission		Type, speeds (forward/backward)		Hydrodynamic 10DA, 1/1			
	50	Clutch coupling		Type		Hydro transformer			
51	Working pressure		For attachments	MPa	14				
52	Noise level		Average value at operator's ear	dB(A)	85				

1) For other lift heights refer to MAST table.

Size h₄ does not include a load backrest. When a backrest is fitted add + 680 mm.

2) Recommended fork dimensions

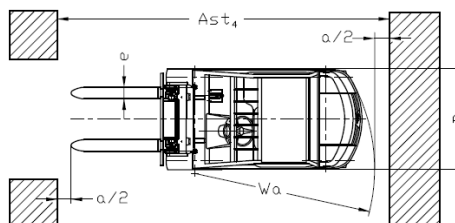
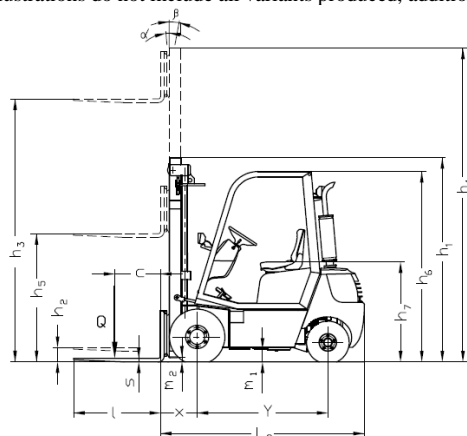
* Forklifts in accordance with BDS EN 1726-1

* 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.

* The pictures and illustrations do not include all variants produced, additional equipment and accessories.



MAST

TYPE	LIFT HEIGHT h_3	HEIGHT, MAST LOWERED h_1	HEIGHT, MAST EXTENDED h_4	FREE LIFT h_2/h_5
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SIMPLEX – 1,25/1,5/1,75/2,0 t FORKLIFT

(Two masts, Free lift)

30 S	3000	2080	3540	80
40 S	4000	2620	4555	130

DUPLEX – 1,25/1,5/1,75/2,0 t FORKLIFT

(Two masts, Extended free lift)

30 D	3000	2080	3580	1500
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TRIPLEX – 1,25/1,5/1,75/2,0 t FORKLIFT

(Three masts, Extended free lift)

42 T	4200	2080	4790	1480
45 T	4500	2220	5220	1600
50 T	5000	2370	5670	1740
54 T	5400	2470	5990	1880