

RECORD 2E			SPECIFICATION VDI 2198		
Characteristics	1	Manufacturer	BALKANCAR RECORD		
	2	Type			ДВ 1792.30.5MC E
	3	Load capacity	Q		3500
	4	Load center	C	Load center to fork face	kg 500
	5	Drive unit		Battery / diesel / LPG	mm 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 <sub>3</sub>	Lift height	mm 3000 <sup>1)</sup>
	10		h <sub>2</sub>	Free lift	mm 95 <sup>1)</sup>
	11		h <sub>5</sub>	Extended free lift	mm 1 <sup>1)</sup>
	12	Fork carriage		According to DIN 15137	3A
	13	Fork dimensions	s/e/l	Thickness / width / length	mm 45x120x1150 <sup>2)</sup>
	14	Tilt angle	α/β	Forward / backward	(°) 5°±1°/10°±1°
	15	Overall dimensions	L <sub>2</sub>	Length	mm 2700
	16		B	Width	mm 1200
	17		h <sub>1</sub>	Height, mast lowered	mm 2100 <sup>1)</sup>
	18		h <sub>4</sub>	Height, mast extended	mm 3585 <sup>1)</sup>
	19		h <sub>6</sub>	Height of overhead guard	mm 2180
	20		h <sub>7</sub>	Height of seat	mm 1120
	21	Turning radius	Wa	Outer radius	mm 2500
	22	Load distance	X	Front axle center to fork face	mm 505
	23	Aisle width	Ast <sub>4</sub>	For pallets 800x1200 For pallets 1000x1200	mm 3890 4090
Performance	24	Speed		Travel with load/without load	km/h 17 / 18
	25			Lifting with load/without load	m/s 0,4 / 0,5
	26			Lowering with load/without load	m/s 0,4 / 0,3
	27	Rated drawbar pull		With load	kN 21
	28	Climbing ability		With load/without load	% 25 / 27
Weight	29	Weight		Including battery acc. to ISO 5053–87	kg 4680
	30	Axle load		With load front/rear	kg 7500/680
	31			Without load front/rear	kg 1960/2720
Chassis	32	Tyres		Number, front/rear	2 / 2
	33			Size, front	8,15-15
	34			Size, rear	6,50-10
	35	Wheelbase	Y		mm 1740
	36	Track width		Front/rear	mm 980 / 960
	37	Ground clearance	m <sub>1</sub>	Lowest point with load	mm 120
	38		m <sub>2</sub>	Center of wheelbase with load	mm 170
	39	Service brake		Mech./hydr./pneum./combined	Hydraulic disk brake
	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
	45			Engine performance to DIN 70020	kW 42
	46			Rated speed to DIN70020	min <sup>-1</sup> 2200
	47			Number of cylinders/displacement	cm <sup>3</sup> 4 / 3450
	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) 80

1) For other lift heights refer to MAST table.

Size h<sub>4</sub> does not include a load backrest. When a backrest is fitted add + 680 mm.

2) Recommended fork dimensions

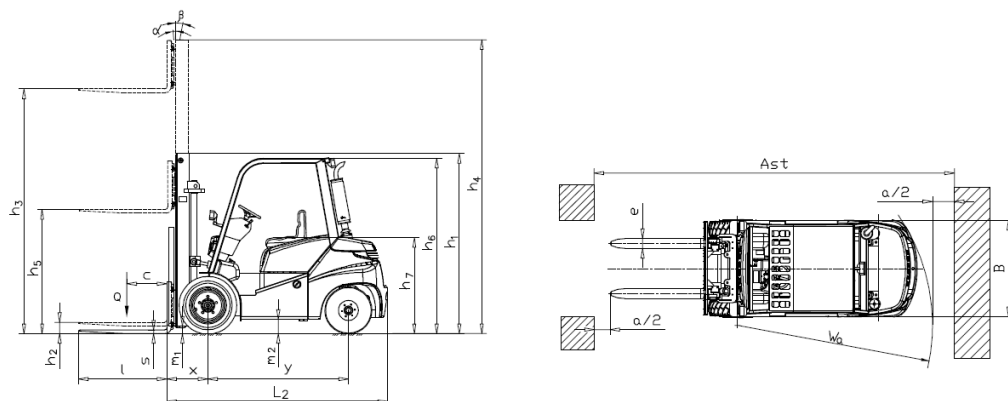
\* Forklifts in accordance with BDS EN 1726-1

\* 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 $h_2/h_5$

#### SIMPLEX – 3,5 t FORKLIFT

(Two masts, Free lift)

30 S	3000	2100	3585	95
40 S	4000	2590	4545	95
45 S	4500	2840	5045	95

#### DUPLEX – 3,5 t FORKLIFT

(Two masts, Extended free lift)

30 D	3000	2100	3630	1500
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#### TRIPLEX – 3,5 t FORKLIFT

(Three masts, Extended free lift)

42 T	4200	2100	4920	1400
45 T	4500	2240	5240	1500
48 T	4800	2340	5540	1600
52 T	5200	2490	5970	1740
56 T	5600	2590	6320	1850
64 T	6400	2840	7100	2130