

RECORD 2S			SPECIFICATION VDI 2198					
Characteristics	1	Manufacturer	BALKANCAR RECORD					
	2	Type			DV 1786.30.5MC S	DV 1788.30.5MC S	DV 1792.30.5MC S	
	3	Load capacity	Q		kg	2500	3000	3500
	4	Load center	C	Load center to fork face	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		h ₃	Lift height	mm	3000 ¹⁾		
	10	Lift	h ₂	Free lift	mm	120 ¹⁾	95 ¹⁾	
	11		h ₅	Extended free lift	mm	– ¹⁾		
	12	Fork carriage		According to DIN 15137		2A	3A	
	13	Fork dimensions	s/e/l	Thickness / width / length	mm	40 x 100 x 1150 ²⁾	45 x 120 x 1150 ²⁾	
	14	Tilt angle	α/β	Forward / backward	(°)	5°±1° / 12°±1°		
	15	Overall dimensions	L ₂	Length	mm	2630	2750	2800
	16		B	Width	mm	1200		
	17		h ₁	Height, mast lowered	mm	2100 ¹⁾		
	18		h ₄	Height, mast extended	mm	3545 ¹⁾	3585 ¹⁾	
	19		h ₆	Height of overhead guard	mm	2220		
	20		h ₇	Height of seat	mm	1120		
	21	Turning radius	Wa	Outer radius	mm	2310	2350	2470
	22	Load distance	X	Front axle center to fork face	mm	468	498	
	23	Aisle width	Ast ₄	For pallets 800x1200 For pallets 1000x1200	mm	3835 4035	3895 4095	3960 4160
Performance	24			Travel with load/without load	km/h	20/20		
	25	Speed		Lifting with load/without load	m/s	0,3/0,4		
	26			Lowering with load/without load	m/s	0,5/0,4		
	27	Rated drawbar pull		With load	kN	18	16	
28	Climbing ability		With load/without load	%	24/25	22/24		
Weight	29	Weight		Including battery acc. to ISO 5053–87	kg	3740	4360	4530
	30	Axle load		With load front/rear	kg	5520/720	6680/680	7230/800
	31			Without load front/rear	kg	1600/2140	1910/2450	1930/2600
Chassis	32			Number, front/rear		2 / 2		
	33	Tyres		Size, front		7,00-12	8,15-15	
	34			Size, rear		6,00-9	6,50-10	
	35	Wheelbase	Y		mm	1650	1760	
	36	Track width		Front/rear	mm	964/961	991/961	
	37	Ground clearance	m ₁	Lowest point with load	mm	120		
	38		m ₂	Center of wheelbase with load	mm	170		
	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)	80			

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.

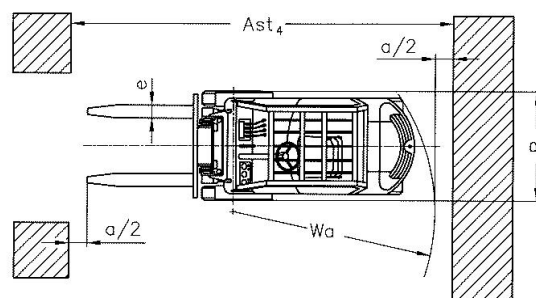
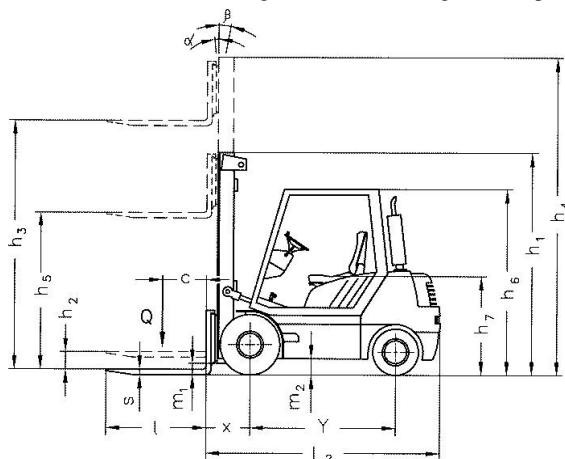
2) Recommended fork dimensions

* 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.



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 – 2,5 t FORKLIFT

(Two masts, Free lift)

30 S	3000	2100	3545	120
40 S	4000	2590	4545	120
45 S	4500	2840	5045	120

DUPLEX – 2,5 t FORKLIFT

(Two masts, Extended free lift)

30 D	3000	2100	3600	1500
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TRIPLEX – 2,5 t FORKLIFT

(Three masts, Extended free lift)

42 T	4200	2100	4820	1360
45 T	4500	2240	5240	1500
48 T	4800	2310	5450	1570
52 T	5200	2440	5840	1700
56 T	5600	2590	6290	1850
64 T	6400	2840	7040	2100

SIMPLEX – 3,0 / 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 – 3,0 / 3,5 t FORKLIFT

(Two masts, Extended free lift)

30 D	3000	2100	3630	1500
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TRIPLEX – 3,0 / 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