

RECORD 2S			SPECIFICATION VDI 2198			
Characteristics	1	Manufacturer		BALKANCAR RECORD		
	2	Type			DV 1798.30.249S	
	3	Load capacity	Q	kg	5000	
	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 <sub>3</sub>	Lift height	mm	3000 <sup>1)</sup>
	10		h <sub>2</sub>	Free lift	mm	60 <sup>1)</sup>
	11		h <sub>5</sub>	Extended free lift	mm	– <sup>1)</sup>
	12	Fork carriage		According to DIN 15137		4 A
	13	Fork dimensions	s/e/l	Thickness / width / length	mm	45x130x1150 <sup>2)</sup>
	14	Tilt angle	α/β	Forward / backward	(°)	5°±1° / 10°±1°
	15	Overall dimensions	L <sub>2</sub>	Length	mm	3200
	16		B	Width	mm	1300
	17		h <sub>1</sub>	Height, mast lowered	mm	2320 <sup>1)</sup>
	18		h <sub>4</sub>	Height, mast extended	mm	3815 <sup>1)</sup>
	19		h <sub>6</sub>	Height of overhead guard	mm	2260
	20		h <sub>7</sub>	Height of seat	mm	1150
	21	Turning radius	W <sub>a</sub>	Outer turning radius	mm	2950
	22	Load distance	X	Front axle center to fork face	mm	555
23	Aisle width	Ast <sub>4</sub>	For pallets 800x1200 For pallets 1000x1200	mm	4750 4950	
Performance	24	Speed		Travel with load/without load	km/h	I – 20; II – 22
	25			Lifting with load/without load	m/s	0,3 / 0,4
	26			Lowering with load/without load	m/s	0,5 / 0,35
	27	Rated drawbar pull		With load	kN	28
	28	Climbing ability		With load/without load	%	22 / 24
Weight	29	Weight		Including battery acc. to ISO 5053 – 87	kg	6210
	30	Axle load		With load front / rear	kg	10270 / 940
	31			Without load front / rear	kg	2980 / 3230
Chassis	32	Tyres		Number, front / rear		2 / 2
	33			Size, front		250-15
	34			Size, rear		6,50-10
	35	Wheelbase	Y		mm	2060
	36	Track width		Front / rear	mm	1050 / 965
	37	Ground clearance	m <sub>1</sub>	Lowest point with load	mm	140
	38		m <sub>2</sub>	Center of wheelbase with load	mm	218
	39	Service brake		Mech./hydr./pneum./combined		Hydraulic
	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)		DEUTZ D2011 L04 W
	45			Engine performance to DIN 70020	kW	47,5
	46			Rated speed to DIN 70020	min <sup>-1</sup>	2600
	47			Number of cylinders/displacement	cm <sup>3</sup>	4 / 3619
	48			Fuel consumption	l/h	4 (diesel)
	49	Transmission		Type, speeds (forward / backward)		Hydrodynamic 6870 S3, 2/1
	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  $h_4$  does not include a load backrest. When a backrest is fitted add + 680 mm.

2) Recommended fork dimensions

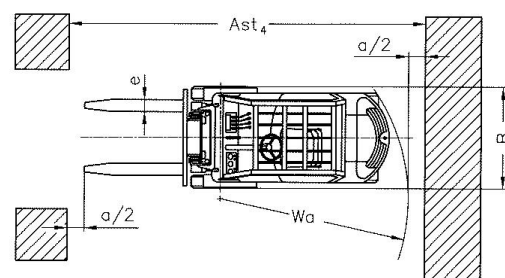
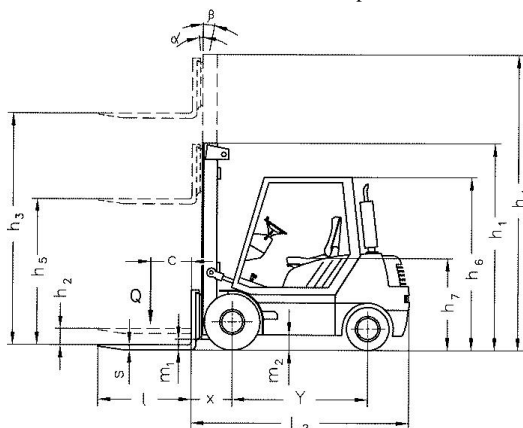
\* Forklifts in accordance with BDS EN 1726-1

\* Other variants of specifications and characteristics are possible.

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49		Transmission		Type, speeds (forward / backward)		Hydrodynamic 10VC; 2 / 2
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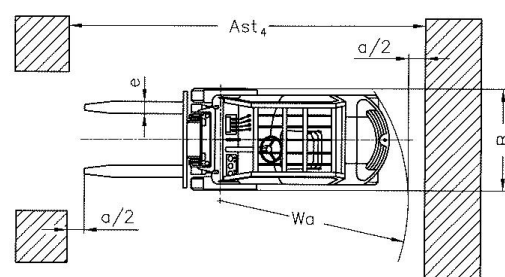
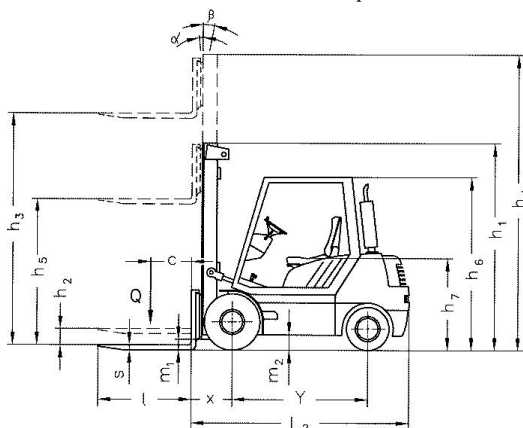
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MAST				
TYPE	LIFT HEIGHT $h_3$	HEIGHT, MAST LOWERED $h_1$	HEIGHT, MAST EXTENDED $h_4$	FREE LIFT $h_2/h_5$

### **SIMPLEX – 5,0 t FORKLIFT**

(Two masts, Free lift)

30 S	3000	2320	3815	60
40 S	4000	2820	4815	60
45 S	4500	3070	5315	60

### **DUPLEX – 5,0 t FORKLIFT**

(Two masts, Extended free lift)

28 D	2800	2190	3590	1400
30 D	3000	2290	3790	1500
33 D	3300	2440	4100	1660

### **TRIPLEX – 5,0 t FORKLIFT**

(Three masts, Extended free lift)

42 T	4200	2100	4916	1400
45 T	4500	2240	5240	1500
48 T	4800	2340	5540	1600
52 T	5200	2490	5970	1740
56 T	5600	2590	6316	1850
64 T	6400	2840	7100	2130