

RECORD 1S

SPECIFICATION VDI 2198

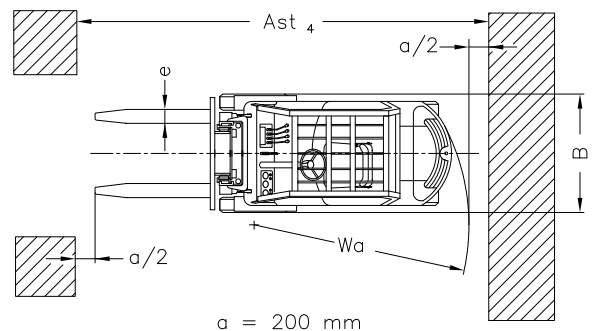
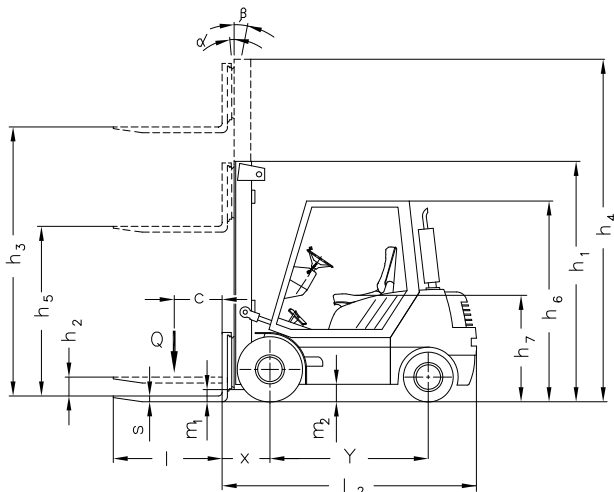
RECORD 1S		SPECIFICATION VDI 2198							
Characteristics	1	Manufacturer	BALKANCAR RECORD						
	2	Type			DV1630.33.017S GV3630.33.017S ¹⁾	DV1632.33.017S GV3632.33.017S ¹⁾	DV1636.33.017S GV3636.33.017S ¹⁾	DV1638.33.017S GV3638.33.017S ¹⁾	
	3	Load capacity	Q	kg	1250	1500	1750	2000	
	4	Load center	C	Load center to fork face	mm	500			
	5	Drive unit		Battery/diesel/LPG		Diesel/LPG			
	6	Type of operation		Pedestrian/Rider seated/Stand-on		Rider seated			
	7	Tyres		L – pneumatic; SE – superelastic, front/rear		L/L (SE/SE)			
	8	Wheels (x–driven)		Number, front/rear		2x/2			
Dimensions	9	Lift	h ₃	Lift height	mm	3300 ²⁾			
	10		h ₂	Free lift	mm	90 ²⁾			
	11		h ₅	Extended free lift	mm	– ²⁾			
	12	Fork carriage		According to DIN 15137, class/type		2A			
	13	Fork dimensions	s/e/l	Thickness/width/length	mm	40 x 80 x 1150 ³⁾			
	14	Tilt angle	α/β	Forward/backward	(°)	5°±1°/10°±1°			
	15	Overall dimensions	L ₂	Length	mm	2150	2189	2230	2290
	16		B	Width	mm	1180			
	17		h ₁	Height, mast lowered	mm	2270 ²⁾			
	18		h ₄	Height, mast extended	mm	3875 ²⁾			
	19		h ₆	Height of overhead guard	mm	2080			
	20		h ₇	Height of seat	mm	1006			
	21		Turning radius	Wa	Outer turning radius	mm	1900	1950	2015
	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	20/21			
	25			Lifting with load/without load	m/s	0,26/0,31			
	26			Lowering with load/without load	m/s	0,3/0,3			
	27	Rated drawbar pull		With load	kN	14			
28	Climbing ability		With load/without load	%	25/28			24/26	
Weight	29	Weight		Including battery acc. to ISO 5053 – 87	kg	2680	2850	3000	3260
	30	Axle load		With load, front/rear	kg	3490/450	3750/600	4280/600	4620/660
	31			Without load, front/rear	kg	1440/1240	1250/1600	1355/1645	1400/1860
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		Front/rear	mm	970/911			
	37	Ground clearance	m ₁	Beneath mast with load	mm	120			
	38		m ₂	Center of wheelbase with load	mm	140			
	39	Service brake		Mech./hydr./pneum./combined		Hydraulic			
	40	Parking brake		Hand/foot		Hand			
	Drive	41	Battery		Type		Panzer		
42				Voltage/rated capacity (5h)	V/Ah	12/88			
43				Weight	kg	26			
44		Internal combustion engine		Manufacturer, type (diesel/LPG)		VAMO D2500K/G2500K ¹⁾			
45				Engine performance to DIN 70020	kW	33,5 (diesel)/31 (LPG)			
46				Rated speed to DIN70020	min ⁻¹	2250			
47				Number of cylinders/displacement	cm ³	3/2500			
48				Fuel consumption	l/h	3 (diesel)/5 (LPG)			
49			Transmission		Type, speeds (forward/backward)		Hydrodynamic 6861.2-05, 1/1		
50		Clutch coupling		Type		Hydro transformer			
51	Operating pressure		For attachments	MPa	14				
52	Noise level		Average value at operator's ear	dB(A)	85				

1) Other combinations of engine and transmission are optional.

2) For other lift heights refer to MAST table.

3) Recommended fork dimensions

* Forklifts in accordance with BDS EN 1726-2



a = 200 mm

MAST

TYPE	LIFT HEIGHT h_3	HEIGHT, MAST LOWERED h_1	HEIGHT, MAST EXTENDED h_4	FREE LIFT h_2/h_5
------	----------------------	----------------------------------	-----------------------------------	------------------------

SIMPLEX – 1,25/1,5/1,75/2,0 t FORKLIFT

(Two masts, Free lift)

33 S	3300	2270	3875	90
40 S	4000	2620	4575	90

DUPLEX – 1,25/1,5/1,75/2,0 t FORKLIFT

(Two masts, Extended free lift)

28 D	2800	2000	3400	14 00
30 D	3000	2100	3600	1500

TRIPLEX – 1,25/1,5/1,75/2,0 t FORKLIFT

(Three masts, Extended free lift)

42 T	4200	2070	4790	1480
45 T	4500	2220	5220	1600
50 T	5000	2370	5670	1740
54 T	5400	2470	5990	1880
60 T	6000	2670	6590	2080