

RECORD 1S			SPECIFICATION VDI 2198							
Characteristics	1	Manufacturer		BALKANCAR RECORD						
	2	Type				DV 1630.30.227 S	DV 1632.30.227 S	DV 1636.30.227 S	DV 1638.30.227 S	
	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				
	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	2660	2750	2950	3130	
	30	Axle load		With load front/rear	kg	3460/450	3760/490	4180/520	4600/530	
	31			Without load front/rear	kg	1420/1240	1120/1630	1220/1730	1300/1830	
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 / 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		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 D2011L03 (diesel)				
	45			Engine performance to DIN 70020	kW	34,5				
	46			Rated speed to DIN70020	min ⁻¹	2600				
	47			Number of cylinders/displacement	cm ³	3/2332				
	48			Fuel consumption	l/h	3 (diesel)				
	49	Transmission		Type, speeds (forward/backward)		Hydrodynamic 6861 S3, 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

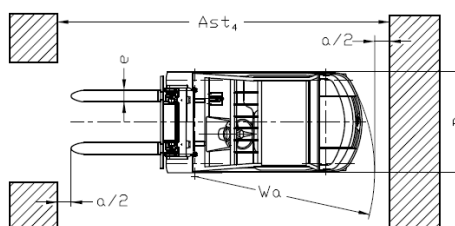
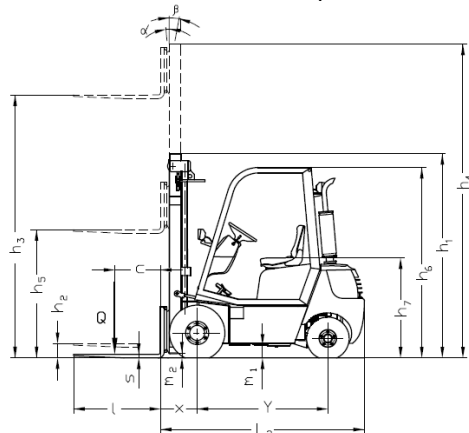
* Forklifts in accordance with BDS EN 1726-1

* 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.

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	4	Load center	C	Load center to fork face	mm	500			
	5	Drive unit		Battery / diesel / LPG		Diesel			
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	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)		DEUTZ D2011L03 (diesel)			
	45			Engine performance to DIN 70020	kW	34,5			
	46			Rated speed to DIN70020	min ⁻¹	2600			
	47			Number of cylinders/displacement	cm ³	3/2332			
	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				

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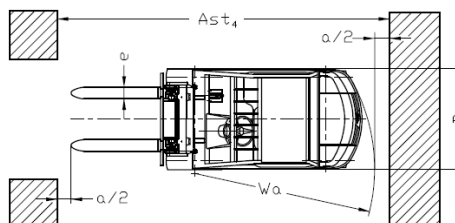
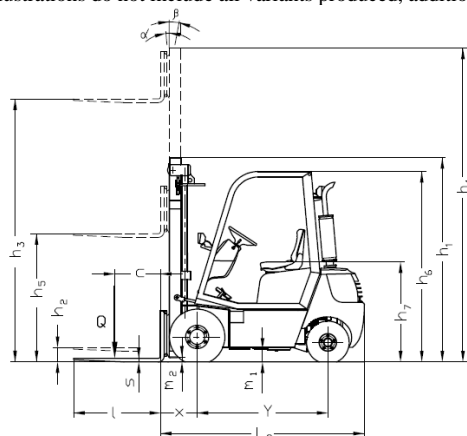
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MAST

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