

RECORD 2S			SPECIFICATION VDI 2198						
Characteristics	1	Manufacturer		BALKANCAR RECORD					
	2	Type			DV1786.30.221S	DV1788.30.223S	DV1792.30.223S	DV1794.30.224S	
	3	Load capacity	Q	kg	2500	3000	3500	4000	
	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	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	40x100x1150 ²⁾	45x120x1150 ²⁾		
	14	Tilt angle	α/β	Forward / backward	(°)	5°±1° / 12°±1°			
	15	Overall dimensions	L ₂	Length	mm	2630	2750	2800	2900
	16		B	Width	mm	1200		1300	
	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	2350	2470	2500	2590
	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	3895 4095	3960 4160	3990 4190	4620 4820
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		12
28	Climbing ability		With load/without load	%	24/25	22/24		20/22	
Weight	29	Weight		Including battery acc. to ISO 5053–87	kg	3740	4560	4730	5520
	30	Axle load		With load front/rear	kg	5520/720	6750/810	7330/900	8520/1000
	31			Without load front/rear	kg	1600/2140	2090/2470	2030/2700	2600/2920
Chassis	32			Number, front/rear		2 / 2			
	33	Tyres		Size, front		7,00-12	8,15-15		250-15
	34			Size, rear		6,00-9	6,50-10		
	35	Wheelbase	Y		mm	1650	1760		1830
	36	Track width		Front/rear	mm	964/961	991/961		1050/961
	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		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 D2011L04W (diesel)			
45				Engine performance to DIN 70020	kW	47,5			
46				Rated speed to DIN70020	min ⁻¹	2600			
47				Number of cylinders/displacement	cm ³	4/3620			
48				Fuel consumption	l/h	3,5 (diesel)			
49			Transmission		Type, speeds (forward/backward)		Hydrodynamic 6860 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

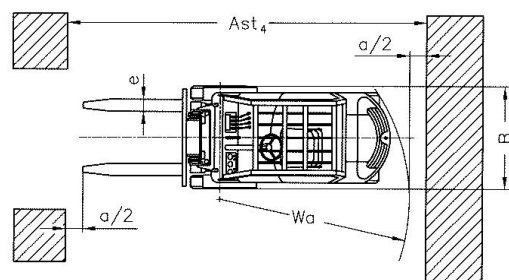
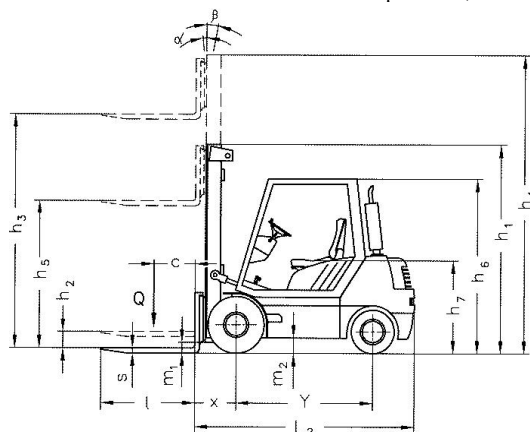
* Forklifts in accordance with BDS EN 1726-1

* 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.

* 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.



RECORD 2S			SPECIFICATION VDI 2198						
Characteristics	1	Manufacturer	BALKANCAR RECORD						
	2	Type			DV 1786.30.2MC S	DV 1788.30.2MC S	DV 1792.30.2MC S	DV 1794.30.2MC S	
	3	Load capacity	Q		kg	2500	3000	3500	4000
	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	2900
	16		B	Width	mm	1200			1300
	17		h ₁	Height, mast lowered	mm	2100 ¹⁾			
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	19		h ₆	Height of overhead guard	mm	2220			
	20		h ₇	Height of seat	mm	1120			
	21	Turning radius	W _a	Outer radius	mm	2350	2470	2500	2590
	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	3895 4095	3960 4160	3990 4190	4620 4820
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		12
Weight	28	Climbing ability		With load/without load	%	24/25	22/24		20/22
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	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			Type		Starter			
	42	Battery		Voltage/rated capacity	V/Ah	12/88			
	43			Weight	kg	22			
	44	Internal combustion engine		Manufacturer, type (diesel/LPG)		DEUTZ D2011L04W			
	45			Engine performance to DIN 70020	kW	47,5			
	46			Rated speed to DIN70020	min ⁻¹	2600			
	47			Number of cylinders/displacement	cm ³	4/3620			
	48			Fuel consumption	l/h	3,5 (diesel)			
	49	Transmission		Type		Hydrodynamic			
				Speeds (forward/backward)		10DA, 1/1		10VC, 2/2	
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.

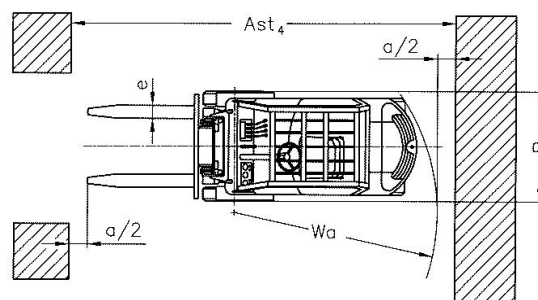
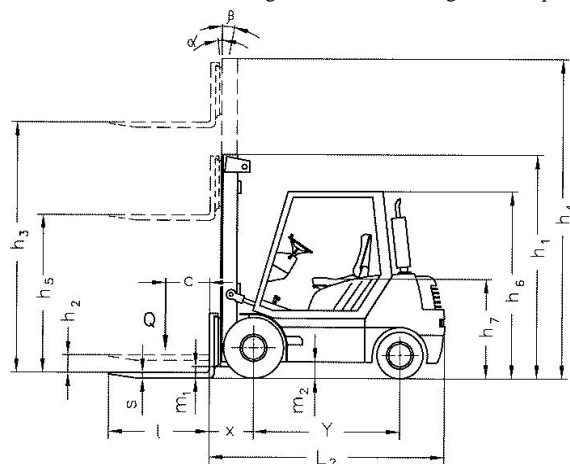
2) Recommended fork dimensions

* Forklifts in accordance with BDS EN 1726-1

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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 – 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 – 3,0/3,5/4,0 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 – 3,0/3,5/4,0 t FORKLIFT

(Two masts, Extended free lift)

30 D	3000	2100	3630	1500
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TRIPLEX – 3,0/3,5/4,0 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