

ELECTRIC REACH TRUCK			SPECIFICATION VDI 2198			
Characteristics	1	Manufacturer	BALKANCAR RECORD			
	2	Type			ERR631.42.225T	ERR634.42.225T
	3	Load capacity	Q	kg	1400	1600
	4	Load center	C	mm	500	
	5	Drive unit	Battery/diesel/LPG		Battery	
	6	Type of operation	Pedestrian/rider seated/stand-on		Rider seated	
	7	Tyres	V – Vulkollan		V / V	
	8	Wheels (x–driven)	Number, front/rear		2 / 1 x	
Dimensions	9	Lift	h ₃	Lift height	mm	4200 ¹⁾
	10		h ₂	Free lift	mm	–
	11		h ₅	Extended free lift	mm	1480 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	(°)	2°±1°/ 3°±1°
	15	Overall dimensions	l ₂	Length to fork face	mm	1240
	16		l ₁	Overall length	mm	2390
	17		l ₄	Reach travel	mm	500
	18		l ₇	Length of chassis	mm	1690
	19		B	Width	mm	1285
	20		h ₁	Height, mast lowered	mm	2100 ¹⁾
	21		h ₄	Height, mast extended	mm	4820 ¹⁾
	22		h ₆	Height of overhead guard	mm	2145
	23		h ₇	Height of seat	mm	960
	24	Turning radius	W _a	Outer radius	mm	1650
	25	Load distance	X ₁	Load distance center of load wheel to face fork	mm	272
	26		X ₂	Load distance center of load wheel to face fork	mm	228
	27	Aisle width	Ast ₄	For pallets 800x1200	mm	2800
Performance	28	Speed		Travel with load/without load	km/h	9 / 10
	29			Lifting with load/without load	m/s	0,23 / 0,28
	30			Lowering with load/without load	m/s	0,3 / 0,4
	31			Reach speed with/without load	m/s	0,1 / 0,1
Weight	32	Climbing ability		With load	%	10 / 12
	33	Weight		Including battery acc. to ISO 5053 – 87	kg	3245
	34	Axle load		Without load, drive/support	kg	1924/2x660
	35			Fork outreached with load, drive/support	kg	585/2x2165
	36			Fork retracted with load, drive/support	kg	1650/2x1485
Chassis	37	Tyres		Number, front/rear		2 / 1
	38			Size, front (DxB)		285 x 100
	39			Size, rear (DxB)		305 x 140
	40	Wheelbase	Y	mm		1330
	41	Track width		Front	mm	1160
	42	Ground clearance	m ₁	Lowest point with load	mm	65
	43		m ₂	Center of wheelbase with load	mm	65
	44	Service brake	Mech./hydr./pneum./combined		Hydraulic	
Drive	45	Parking brake	Hand		Electromagnetic	
	46	Battery		Type		Panzer
	47			Voltage/rated capacity (after 5 hour of work)	V/Ah	48/420
	48			Weight	kg	590
	50	Electric motors		Drive motor performance (S ₂ – 60 min)	kW	5
	51			Lift motor performance (S ₄ – 25%)	kW	9
	52	Drive control	Type		Impulse regulator	
	53	Working pressure		For attachments	MPa	14
	54	Noise level		Average value at operator's ear	dB(A)	70...72

1) For other lift heights refer to MAST table.

Size h₄ does not include a load backrest. When a backrest is fitted add + 420 mm.

2) Recommended fork dimensions

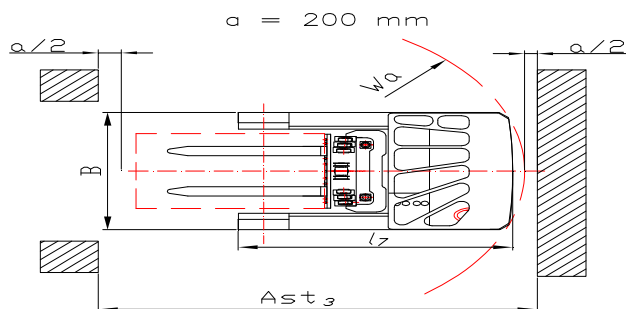
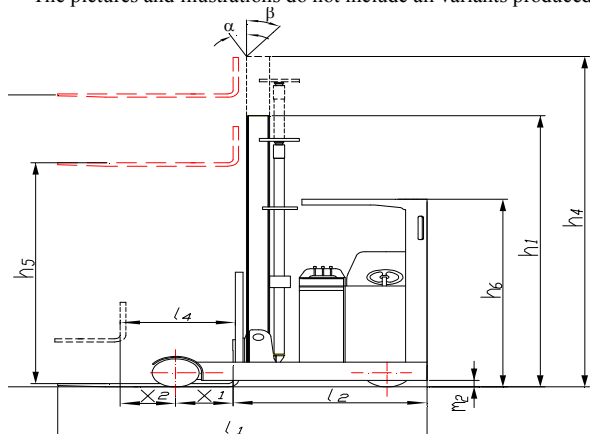
* Electric forklifts in accordance with BDS EN 1726-2

* Other variants of specifications, characteristics and batteries 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.



MAST				
TYPE	LIFT HEIGHT h ₃	HEIGHT, MAST LOWERED h ₁	HEIGHT, MAST EXTENDED h ₄	FREE LIFT h ₂ /h ₅

TRIPLEX - 1,4 t ELECTRIC REACH TRUCK
(Three masts, Extended free lift)

42 T	4200	2100	4820	1480
45 T	4500	2240	5240	1600
48 T	4800	2310	5450	1660
52 T	5200	2440	5840	1800
56 T	5600	2590	6290	1940
64 T	6400	2840	7040	2200

TRIPLEX - 1,6 t ELECTRIC REACH TRUCK
(Three masts, Extended free lift)

42 T	4200	2100	4820	1480
45 T	4500	2240	5240	1600
48 T	4800	2310	5450	1660
52 T	5200	2440	5840	1800
56 T	5600	2590	6290	1940