

Very narrow aisle truck 1.5 ton

BT vector

R-series

VRE150



Very Narrow Aisle truck

Truck specifications						VRE150
Identification	1.1	Manufacturer				BT
	1.2	Model				VRE150
	1.3	Drive				Electric
	1.4	Operator type				Seated
	1.5	Load capacity/rated load	Q	kg		1500
	1.6	Load centre	c	mm		600
	1.9	Wheelbase	y	mm		1692/1842/1992
Weight	2.1	Service weight including battery		kg		5029
	2.2	Axle load, with load, drive/support arm wheel		kg		728/5800
	2.3	Axle load, without load, drive/support arm wheel		kg		1437/3592
Wheels	3.1	Drive/support arm wheel				Vulkollan
	3.2	Wheel size, front		mm		Ø 230x85/Ø 230x110
	3.3	Wheel size, rear		mm		Ø 400x160
	3.5	Wheels, number front/rear (x=driven wheels)				4/1x
	3.6	Track width, front	b ₁₀	mm		1038/1148/1248
Dimensions	4.2	Height, mast lowered	h ₁	mm		3135 *
	4.3	Free lift	h ₂	mm		2090 *
	4.4	Lift	h ₃	mm		6020 *
		Lift height	h ₂₃	mm		6100 *
	4.5	Height, mast extended	h ₄	mm		7095 *
	4.7	Height of overhead guard	h ₆	mm		2261
	4.8	Seat height	h ₇	mm		1100
	4.15	Height of lowered forks	h ₁₃	mm		80
	4.19	Overall length	l ₁	mm		3175/3325/3471
	4.20	Length to face of forks	l ₂	mm		2955/3105/3255
	4.21	Overall width	b ₁	mm		1270/1420/1520
	4.22	Fork dimensions	s/e/l	mm		40/120/1200 *
	4.24	Fork-carriage width	b ₃	mm		800 *
	4.25	Width over forks	b ₅	mm		489-793 *
	4.31	Ground clearance, with load, below mast	m ₁	mm		70
	4.32	Ground clearance, centre of wheelbase	m ₂	mm		64
	4.34	Aisle width for pallets 800 x 1200 lengthways	A _{st}	mm		1660 *
	4.35	Turning radius	W _a	mm		1954/2104/2254
	4.38	Distance to swivelling fork pivot from centre of front axle	l ₈	mm		821
Performance data	5.1	Travel speed, with/without load		km/h		10,5/14,0
	5.2	Lift speed, with/without load		m/s		0,40/0,50
	5.3	Lowering speed, with/without load		m/s		0,50/0,48
	5.9	Acceleration time, with/without load (0-10m)		s		5,7/5,2
	5.10	Service brake				Electric
Electric motor	6.1	Drive motor rating S2 60 min		kW		7,5
	6.2	Lift motor rating S3 15%		kW		15,0
	6.4	Battery voltage, nominal capacity K _s		V/Ah		48/620
	6.5	Battery weight		kg		956
	6.6	Energy consumption acc to VDI cycle ¹⁾		kWh/h		
Other	8.1	Type of drive control				Variable AC
	8.4	Sound level at the driver's ear according to EN 12 053		dB(A)		65

1) Contact your supplier for information

* Other dimensions available

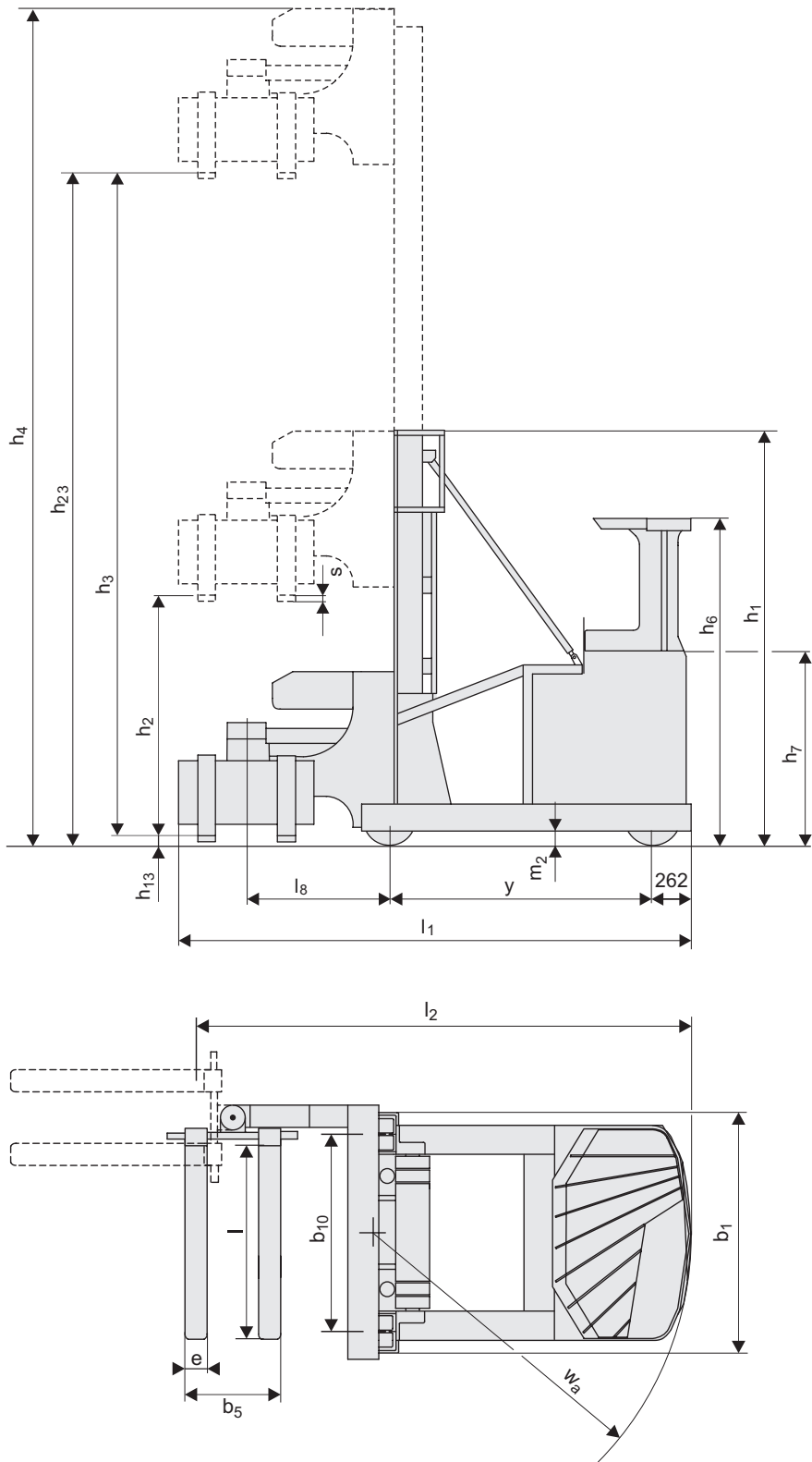
Truck performance and dimensions are nominal and subject to tolerances.

BT products and specifications are subject to change without notice.

Mast dimensions

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Mast				Triplex Hi-Lo										
VRE150	Lift height	h_{23}	mm	4300	4900	5500	6100	7000	7600	8200	8800	9400	10000	11000
	Lift	h_3	mm	4220	4820	5420	6020	6920	7520	8120	8720	9320	9920	10920
	Height, mast lowered	h_1	mm	2535	2735	2935	3135	3570	3770	3970	4170	4505	4705	5035
	Free lift	h_2	mm	1490	1690	1890	2090	2524	2724	2924	3124	3458	3658	3990
	Heigh, mast extended	h_4	mm	5295	5895	6495	7095	7995	8595	9195	9795	10395	10995	11995



Truck features:

- Total view concept
- Car pedal layout
- Automatic parking brake
- TLC, Transitional Lift Control
- 360° steering
- Simultaneous hydraulic control
- Single function levers or multi function control
- Heavy duty drive unit and gear box

