

VRE150

Specifications						VRE150
Identification	1.1	Manufacturer				Toyota
	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)		mm		4/1x
	3.6	Track width, front	b ₁₀	mm		1038/1148/1248
	Dimensions	4.2	Height, mast lowered	h ₁	mm	
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		3175/3325/3475
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			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 800x1200 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 according to VDI cycle ¹⁾		kWh/h		
	Other	8.1	Type of drive control			
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.

Mast dimensions

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
	Height, mast extended	h_4	mm	5295	5895	6495	7095	7995	8595	9195	9795	10395	10995	11995

