

VRE125SF

Specifications						VRE125SF
Identification	1.1	Manufacturer				Toyota
	1.2	Model				VRE125SF
	1.3	Drive				Electric
	1.4	Operator type				Seated
	1.5	Load capacity/rated load	Q	kg		1250
	1.6	Load centre	c	mm		600
	1.8	Load distance, centre of support arm wheel to face of forks	x	mm		
	1.9	Wheelbase	y	mm		2137/2537
Weight	2.1	Service weight including battery		kg		4630
	2.2	Axle load, with load, drive/support arm wheel		kg		2411/3477
	2.3	Axle load, without load, drive/support arm wheel		kg		1983/2647
Wheels	3.1	Drive/support arm wheel				
	3.2	Wheel size, front		mm		Ø 230x110
	3.3	Wheel size, rear		mm		Ø 400x160
	3.4	Additional wheels (dimensions)		mm		
	3.5	Wheels, number front/rear (x = driven wheels)		mm		4/1x
	3.6	Track width, front	b ₁₀	mm		1220
	3.7	Track width, rear	b ₁₁	mm		
Dimensions	4.2	Height, mast lowered	h ₁	mm		3135 *
	4.3	Free lift	h ₂	mm		2090 *
	4.4	Lift	h ₃	mm		6035 *
		Lift height	h ₂₃	mm		6400 *
	4.5	Height, mast extended	h ₄	mm		7965 *
	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		365
	4.19	Overall length	l ₁	mm		2740/3140
	4.21	Overall width	b ₁	mm		1375/1490
	4.22	Fork dimensions	s/e/l	mm		75/180/1200 *
	4.25	Width over forks	b ₅	mm		550
	4.31	Ground clearance, with load, below mast	m ₁	mm		70
	4.32	Ground clearance, centre of wheelbase	m ₂	mm		60
	4.34	Aisle width for pallets 800x1200 lengthways	A _{st}	mm		1450 *
	4.35	Turning radius	W _a	mm		2389/2789
Performance data	5.1	Travel speed, with/without load		km/h		11,2/14,0
	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
	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				Variable AC
	8.4	Sound level at the driver's ear according to EN 12 053		dB(A)		61

1) Contact your supplier for information.

* Other dimensions available.

Mast dimensions

Mast				Triplex Hi-Lo										
VRE125SF	Lift height	h_{23}	mm	4600	5200	5800	6400	7300	7900	8500	9100	9700	10300	11300
	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	5265	5865	6465	7065	7965	8565	9165	9765	10365	10965	11965

