

# VCE150A

Specifications						VCE150A
Identification	1.1	Manufacturer				Toyota
	1.2	Model				VCE150A
	1.3	Drive				Electric
	1.4	Operator type				Stand on/Seated
	1.5	Load capacity/rated load	Q	kg		1500
	1.6	Load centre	c	mm		600
	1.9	Wheelbase	y	mm		1655
Weight	2.1	Service weight without battery		kg		6920 *
	2.2	Axle load, with load, drive/support arm wheel		kg		4303/5795
	2.3	Axle load, without load, drive/support arm wheel		kg		5182/3415
Wheels	3.1	Drive/support arm wheel				Vulkollan
	3.2	Wheel size, front		mm		Ø 300x100
	3.3	Wheel size, rear		mm		Ø 350x128
	3.5	Wheels, number front/rear (x = driven wheels)				4/2x
	3.6	Track width, front	b <sub>10</sub>	mm		1258 *
	3.7	Track width, rear	b <sub>11</sub>	mm		1010
	Dimensions	4.2	Height, mast lowered	h <sub>1</sub>	mm	
4.4		Lift movement	h <sub>3</sub>	mm		8190 *
		Total lift height	h <sub>23</sub>	mm		10250 *
4.5		Height, mast extended	h <sub>4</sub>	mm		11040 *
4.7		Height of overhead guard	h <sub>6</sub>	mm		2544
4.8		Step-in height	h <sub>7</sub>	mm		412
4.11		Additional lift	h <sub>9</sub>	mm		1990 *
4.14		Platform height, elevated	h <sub>12</sub>	mm		8600 *
4.15		Height of lowered forks	h <sub>13</sub>	mm		80
		Height of auxiliary lift mast	h <sub>15</sub>	mm		2780 *
4.19		Overall length	l <sub>1</sub>	mm		3846
4.20		Length to face of forks	l <sub>2</sub>	mm		3616
4.21		Overall width	b <sub>1</sub> /b <sub>2</sub>	mm		1270/1520 *
4.22		Fork dimensions	s/e/l	mm		40/120/1200 *
4.25		Width over forks	b <sub>5</sub>	mm		793 *
4.31		Ground clearance, with load, below mast	m <sub>1</sub>	mm		60
		Turning radius		mm		1698
4.38	Distance front axle to boom pivot	l <sub>8</sub>	mm		828 *	
Performance data	5.1	Travel speed, with/without load		km/h		10,0/12,0
	5.2	Lift speed, with/without load		m/s		0,40/0,45
	5.3	Lowering speed, with/without load		m/s		0,40/0,40
	5.10	Service brake				Electric
	5.11	Parking brake				Electro-mechanical
Electric motor	6.1	Drive motor rating S2 60 min		kW		2x5,5
	6.2	Lift motor rating S3 25%		kW		14,5
	6.4	Battery voltage, nominal capacity K <sub>s</sub>		V/Ah		48/1240
	6.5	Battery weight		kg		1790
	Other	8.1	Type of drive control			

\* Other dimensions available.

### Mast dimensions

Mast				Triplex Tele										
VCE150A	Platform height	$h_{12}$	mm	4100	4700	5300	6050	7400	8600	9800	11000	11600	12650	14050
	Lift	$h_3$	mm	3680	4280	4910	5630	6980	8190	9380	10580	11180	12230	
	Total lift height <sup>1)2)</sup>	$h_{23}$	mm	5750	6350	6950	7700	9050	10250	11450	12650	13250	14300	—
	Total lift height <sup>1)3)</sup>	$h_{23}$	mm	—	—	7490	8240	9590	10790	11990	13190	13790	14840	—
	Total lift height <sup>1)4)</sup>	$h_{23}$	mm	—	—	—	—	—	—	—	—	—	—	16800
	Picking height	$h_{28}$	mm	5700	6300	6900	7650	9000	10200	11400	12600	13200	14250	15650
	Height, mast lowered <sup>2)</sup>	$h_1$	mm	2790	2960	3160	3460	3960	4460	4960	5460	5660	6040	—
	Height, mast lowered <sup>3)</sup>	$h_1$	mm	—	—	3320	3460	3960	4460	4960	5460	5660	6040	—
	Height, mast lowered <sup>4)</sup>	$h_1$	mm	—	—	—	—	—	—	—	—	—	—	6200
	Height, mast extended <sup>2)</sup>	$h_4$	mm	6540	7140	7740	8490	9840	11040	12240	13440	14040	15090	—
	Height, mast extended <sup>4)</sup>	$h_4$	mm	—	—	—	—	—	—	—	—	—	—	17590

1)  $h_{23} = h_3 + h_9 + h_{13}$

2) Auxiliary mast  $h_9 = 1990$  mm

3) Auxiliary mast  $h_9 = 2530$  mm

4) Auxiliary mast  $h_9 = 3090$  mm

