Very narrow aisle truck 1.25 ton

BT vector

A-series

VCE125ASF

TOYOTA

MATERIAL HANDLING

www.toyota-forklifts.eu

Very Narrow Aisle truck

Truck specifications					VCE125ASF
Identification	1.1	Manufacturer			Toyota
	1.2	Model			VCE125ASF
	1.3	Drive			Electric
	1.4	Operator type			Stand on/Seated
	1.5	Load capacity/rated load	Q	kg	1250
	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	5650/4200
	2.3	Axle load, without load, drive/support arm wheel		kg	3400/5200
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_{10}	mm	1008*
	3.7	Track width, rear	b_{11}	mm	1010
Dimensions	4.2	Height, mast lowered	h_1	mm	4460*
	4.4	Lift movement	h_3	mm	8190*
		Total lift height	h_{23}	mm	9290*
	4.5	Height, mast extended	h_4	mm	11040*
	4.7	Height of overhead guard	h_6	mm	2544
	4.8	Step-in height	h_7	mm	412
	4.11	Additional lift	h_9	mm	750
	4.14	Platform height, elevated	h_{12}	mm	5300*
	4.15	Height of lowered forks	h_{13}	mm	350
		Height of auxiliary lift mast	h_{15}	mm	1340
	4.19	Overall length	l_1	mm	4067*
	4.20	Length to face of forks	l_2	mm	3616
	4.21	Overall width	b_1/b_2	mm	1270/1270*
	4.22	Fork dimensions	s/e/l	mm	65/180/1200
	4.25	Width over forks	b_5	mm	550
	4.31	Ground clearance, with load, below mast	m_1	mm	60
		Turning radius		mm	1698
	4.38	Distance to centre of forks	l_8	mm	1127*
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	14,0
	6.4	Battery voltage, nominal capacity K_5		V/Ah	48/1240
	6.5	Battery weight		kg	1790
Other	8.1	Type of drive control			Variable AC

* Other dimensions available.

All data are based on table configuration. Other configurations may give other values.
Truck performance and dimensions are nominal and subject to tolerances.
Toyota Material Handling products and specifications are subject to change without notice.

Mast dimensions

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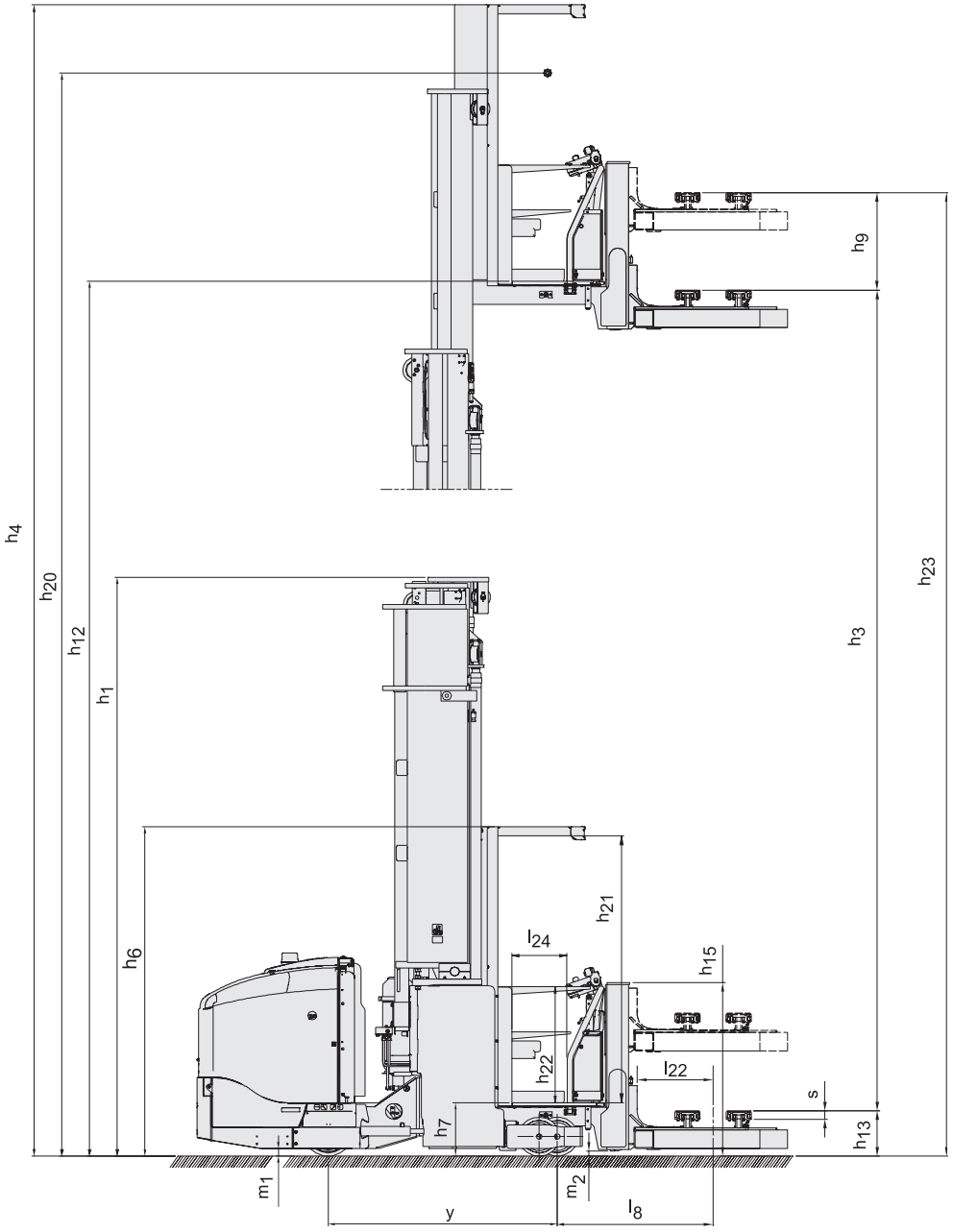
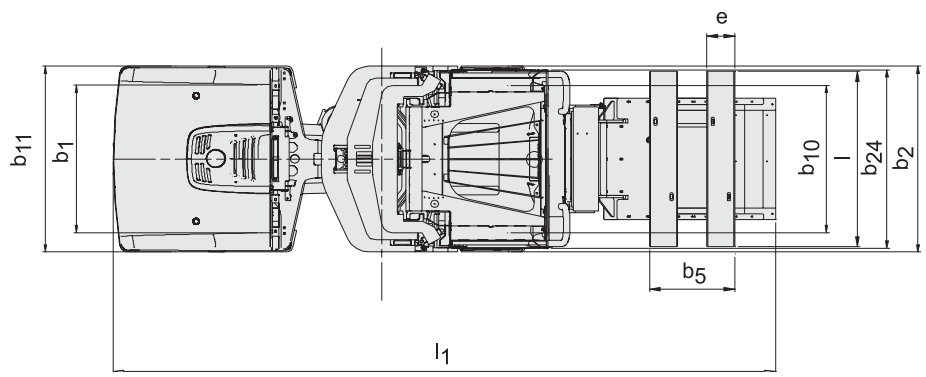
Mast				Triplex Tele									
VCE125ASF	Platform height	h_{12}	mm	4100	4700	5300	6050	7400	8600	9800	11000	11600	12650
	Lift	h_3	mm	3690	4290	4920	5640	6990	8190	9380	10590	11190	12240
	Total lift height [1) 2)]	h_{23}	mm	4790	5390	5990	6740	8090	9290	10490	11690	12290	13340
	Picking height	h_{28}	mm	5700	6300	6900	7650	9000	10200	11400	12600	13200	14250
	Height, mast lowered [2)]	h_1	mm	2790	2960	3160	3460	3960	4460	4960	5460	5660	6040
	Height, mast extended	h_4	mm	6230	6830	7430	8180	9530	10730	11930	13130	13730	14780

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

2) Auxilary mast h_9 = 750 mm





Truck features:

- BT Advanced Lifting System (ALS)
- BT Optipace system
- Wire/rail guidance
- Automatic parking brake
- Camera/monitor system
- Clear view mast
- Adjustable seat
- Coldstore version

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