

Automated load carrier

TOYOTA autoshuttle

PAE150



TOYOTA

MATERIAL HANDLING

Automated load carrier

Shuttle specifications					PAE150			
Pallet size *				mm	800x1200	1000x1200	1200x1200	1200x1000
Identification	1.1	Manufacturer			Toyota	Toyota	Toyota	Toyota
	1.2	Model			PAE150	PAE150	PAE150	PAE150
	1.3	Drive			Electric	Electric	Electric	Electric
	1.4	Operator type			Remote carrier	Remote carrier	Remote carrier	Remote carrier
	1.5	Load capacity/rated load	Q	kg	1500	1500	1500	1500
	1.6	Load center	c	mm	413	513	613	613
	1.7	Wheelbase	y	mm	708	908	1108	1108
Weight	2.1	Service weight including battery		kg	206	224	241	224
Wheels	3.1	Drive wheel			Vulkollan	Vulkollan	Vulkollan	Vulkollan
	3.2	Wheels size, front		mm	Ø110x50	Ø110x50	Ø110x50	Ø110x50
	3.3	Wheel size, rear		mm	Ø110x50	Ø110x50	Ø110x50	Ø110x50
	3.5	Wheels, number front/rear (x = driven wheels)			2x/2x	2x/2x	2x/2x	2x/2x
Dimensions	4.2	Overall height	h_1	mm	167	167	167	167
	4.4	Lift height	h_3	mm	42	42	42	42
	4.19	Overall length	l_1	mm	915	1115	1315	1315
	4.21	Overall width across chassis	b_1	mm	875	875	875	735
	4.22	Lift surface dimensions	e/l	mm	990/825	990/1025	990/1225	850/1225
	4.27	Overall width guide rolls	b_6		1041	1041	1041	901
		Height to drive wheels	h_a	mm	46	46	46	46
		Height between guide wheels and drive wheels	h_b	mm	45	45	45	45
		Pallet width	b_{12}	mm	800	1000	1200	1200
		Pallet length	l_6	mm	1200	1200	1200	1000
Performance	5.1	Travel speed, with/without load		m/s	1,1/1,1	1,1/1,1	1,1/1,1	1,1/1,1
	5.2	Lift speed, with/without rated load		s	3,0/3,0	3,0/3,0	3,0/3,0	3,0/3,0
	5.3	Lowering speed, with/without rated load		s	1,0/1,0	1,0/1,0	1,0/1,0	1,0/1,0
Electric motor	6.1	Drive motor rating (S1)		kW	0,5	0,5	0,5	0,5
	6.2	Lift motor rating (S3 10%)		kW	0,4	0,4	0,4	0,4
	6.4	Battery voltage, nominal capacity K_5		V/Ah	24/56	24/56	24/56	24/56
	6.5	Battery weight		kg	24x2	24x2	24x2	24x2
Other	8.1	Type of drive control			Variable DC	Variable DC	Variable DC	Variable DC
Radio transmitter		Frequency		MHz	433	433	433	433
		Power supply		V/mA	—	—	—	—
		Battery			2xLR6	2xLR6	2xLR6	2xLR6

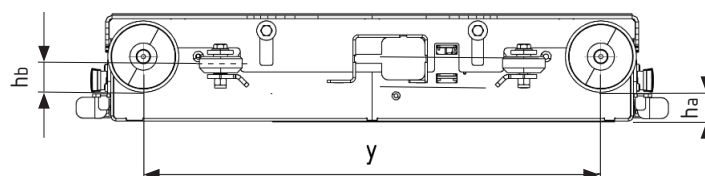
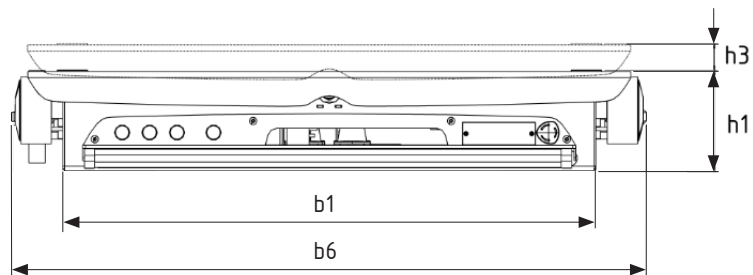
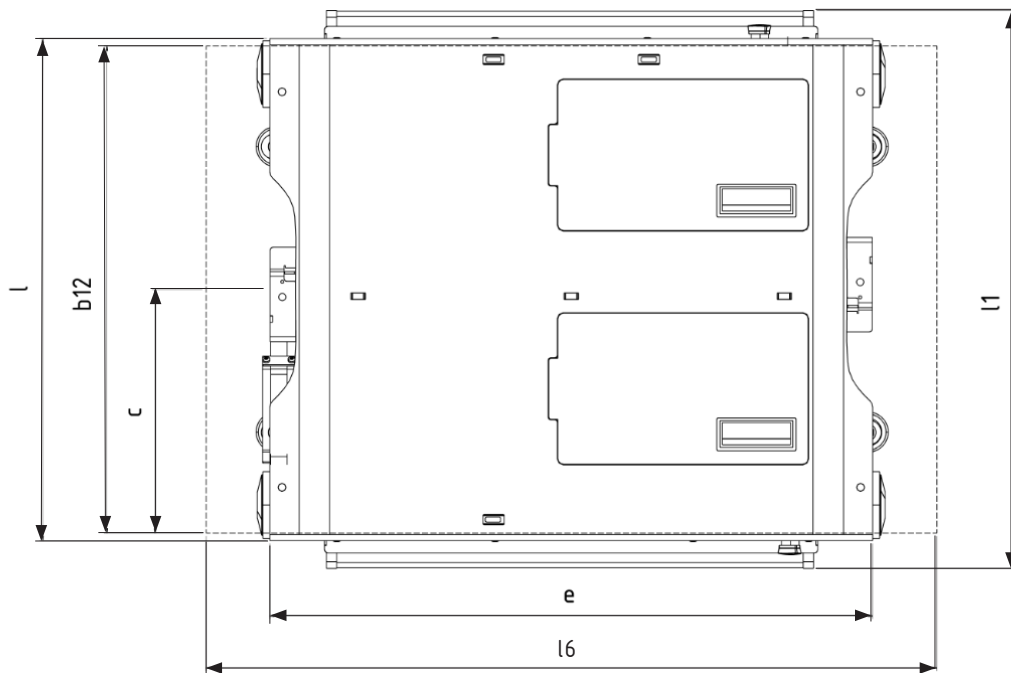
*) Other alternatives available

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 Manufacturing Sweden AB products and specifications are subject to change without notice.

Dimensional drawings



Shuttle system features:

- Toyota TPS Quality
- Optimised Storage Capacity
- Maximum Productivity
- Flexibility wide range
- Laser scanner safety system
- 8 hour operation
- Inventory function
- Coldstore application



TP-Technical Publications, Sweden — 748080-040 TMHE, version 9, 2019-01-16

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