

Order picking truck 1.0 ton



BT optio

L-series

OSE100

OSE100W



Order picking truck

Truck specifications					OSE100	OSE100W
Identification	1.1	Manufacturer			Toyota	Toyota
	1.2	Model			OSE100	OSE100W
	1.3	Drive			Electric	Electric
	1.4	Operator type			Stand on	Stand on
	1.5	Load capacity/rated load	Q	kg	1000	1000
	1.6	Load centre	c	mm	600	600
	1.8	Load distance, back of fork to wheel centre	x	mm	158	110
	1.9	Wheelbase	y	mm	1351	1300
	Weight	2.1	Service weight without battery		kg	1294
2.2		Axle load, with load, drive/support arm wheels		kg	550/1149	558/1112
2.3		Axle load, without load, drive/support arm wheels		kg	1113/365	1105/338
Wheels	3.1	Drive / castor / fork wheels			Polyurethane	Polyurethane
	3.2	Wheel size, front		mm	250 x 92	250 x 92
	3.3	Wheel size, rear		mm	140 x 80	140 x 80
	3.4	Additional wheels, dimensions		mm	—	—
	3.5	Wheels, number front/rear (x = driven wheels)		mm	1x/2	1x/2
Dimensions	4.2	Height, mast lowered	h_1	mm	1550	1550
	4.4	Lift movement	h_3	mm	1020	1020
		Lift height	h_{23}	mm	1880	1100
	4.5	Height, mast extended	h_4	mm	2570	2570
	4.8	Stand height	h_7	mm	180	180
	4.11	Additional lift	h_9	mm	780	—
	4.14	Stand height, elevated	h_{12}	mm	1200	1200
	4.15	Height, fork lowered	h_{13}	mm	80	80
	4.19	Overall length	l_1	mm	2840	2744
	4.20	Length to face of forks	l_2	mm	1690	1594
	4.21	Overall width	b_1	mm	790	790
	4.22	Fork dimensions	s/e/l	mm	62/115/1150	62/115/1150
	4.25	Width over forks	b_5	mm	300-750	560, 655, 776
	4.32	Ground clearance, centre of wheelbase	m_2	mm	70	70
4.35	Turning radius	W_a	mm	1540	1490	
4.44	Clear width driver compartment entrance	l_{24}	mm	490	—	
Performance data	5.1	Travel speed, with/without load *		km/h	7,0/12,0	8,0/12,0
	5.2	Lift speed, with/without load		m/s	0,12/0,19	0,12/0,19
	5.3	Lowering speed, with/without load		m/s	0,33/0,36	0,33/0,36
	5.8	Max. gradeability, with/without load ²⁾		%	9/13	9/13
	5.10	Service brake			Electromagnetic	Electromagnetic
Electric motor	6.1	Drive motor rating S2 60 min		kW	2,8	2,8
	6.2	Lift motor rating S3 5%		kW	2,2	2,2
	6.4	Battery voltage, nominal capacity K_5		V/Ah	24/465, 620	24/465, 620
	6.5	Battery weight, min./max.		kg	475-530	470-530
	6.6	Energy consumption acc to VDI cycle ³⁾		kWh/h		
	Other	8.1	Type of drive control			BT Powerdrive
8.4		Sound level at the driver's ear according to EN 12 053		dB(A)	60	60

1) With small battery, add 125 kg counterweight.

2) Measured according to company standard.

3) Contact your supplier for information.

* Travel speed in fork direction: 6,0/10,5 km/h for all models.

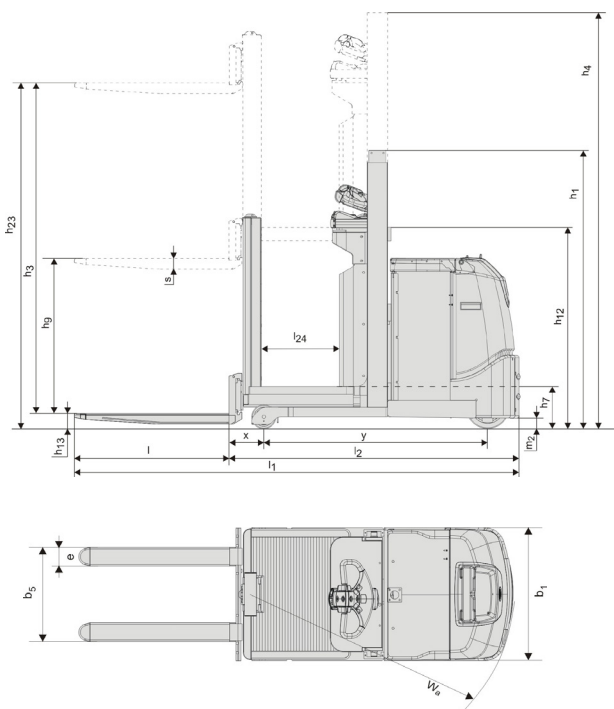
All data are based on table configuration. Other configurations may give other values.

Truck performance and dimensions are nominal and subject to tolerances.

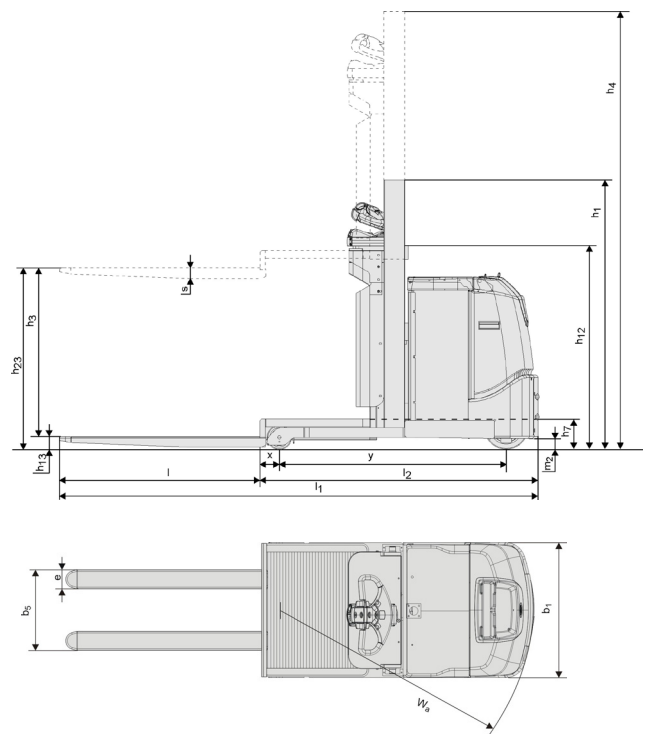
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Dimensional drawings

OSE100

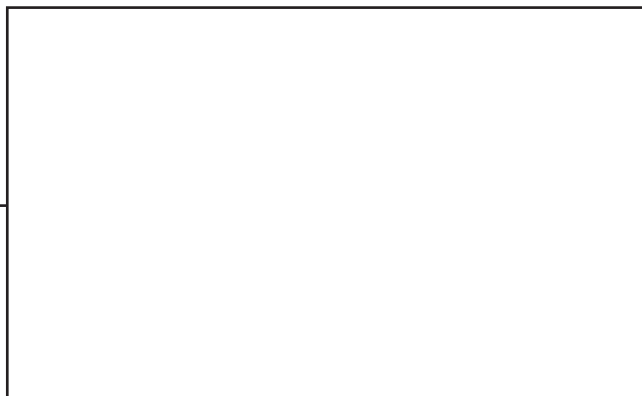


OSE100W



Truck features:

- High performance models
- BT E-man steering concept
- Low step-in
- Man-up possibilities
- BT Powerdrive system
- Integrated shrink film holder
- Streamlined administration
 - E-bar concept (option)



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