Order picking truck 1.0 ton

OPTIO

L-series

OSE100

OSE100W















TOYOTA
MATERIAL HANDLING

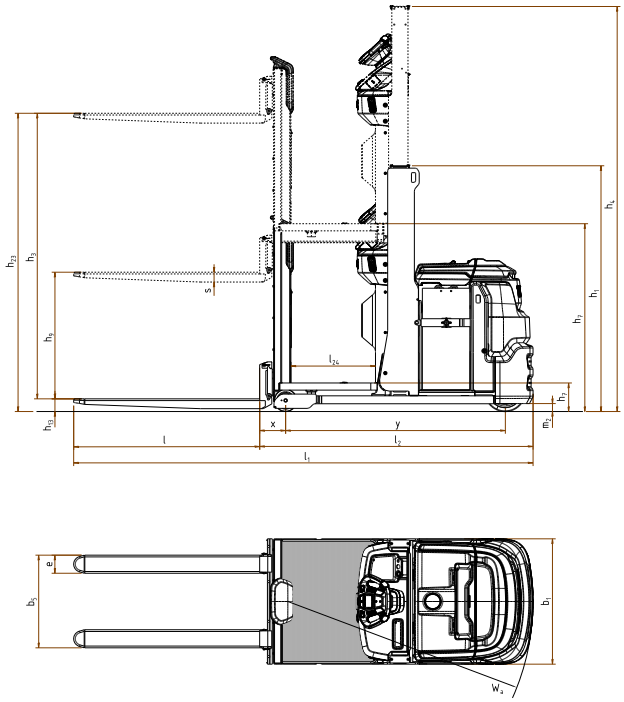
Order picking truck

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, centre of wheel to fork	x	mm	160	123
	1.9	Wheelbase	y	mm	1357	1307
Weight	2.1	Service weight including battery		kg	1660	1560
	2.2	Axle load, with load, front/rear		kg	430/2230	430/2110
	2.3	Axle load, without load, front/rear		kg	1010/650	980/560
Wheels	3.1	Wheels			Polyurethane	Polyurethane
	3.2	Wheel size, front (drive)		mm	Ø 250 x 92	Ø 250 x 92
	3.3	Wheel size, rear		mm	Ø 140 x 80	Ø 140 x 80
	3.5	Wheels, number front/rear (x = driven wheels)		mm	1x/2	1x/2
	3.7	Track width, rear		mm	670	670
Dimensions	4.2	Height, mast lowered	h_1	mm	1550	1550
	4.4	Lift movement	h_3	mm	1780	1015
		Lift height	h_{23}	mm	1860	1095
	4.5	Height, mast extended	h_4	mm	2565	2565
	4.6	Initial lift	h_5	mm	TBD	
	4.8	Stand height	h_7	mm	180	180
	4.14	Stand height, elevated	l_2	mm	1195	1195
	4.15	Height, fork lowered	h_{13}	mm	80	80
	4.19	Overall length	l_1	mm	2840	2750
	4.20	Length to face of forks	l_2	mm	1690	1603
	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	50	50
	4.35	Turning radius	W_a	mm	1530	1480
		Clear width driver compartment entrance	l_{24}	mm	520	—
Performance data	5.1	Travel speed, with/without load forward		km/h	7,0/12,0	8,0/12,0
	5.2	Lift speed, with/without load		m/s	0,13/0,23	0,13/0,23
	5.3	Lowering speed, with/without load		m/s	0,29/0,14	0,29/0,14
	5.8	Max. gradeability, with/without load [2)]		%	TBD	TBD
	5.9	Acceleration time (over 10m) (without/with load)		s	5,0/6,7	5,0/6,7
Electric motor	5.10	Service brake			Electromagnetic	Electromagnetic
	6.1	Drive motor rating S2 60 min		kW	2,8	2,8
	6.2	Lift motor rating S3 7%		kW	2,2	2,2
	6.4	Battery voltage, nominal capacity K_5		V/Ah	24/500*	24/500*
	6.5	Battery weight		kg	345-383*	345-383*
	6.6	Energy consumption acc to ISO23308		kWh/h	0,34	TBD
	6.7	Turnover output		t/h	40,9	TBD
	6.8	Energy consumption at turnover output		kWh/h	1,47	TBD
Other	8.1	Type of drive control			Variable AC	Variable AC
	10.7	Sound level at the driver's ear according to EN12053		dB(A)	56	56

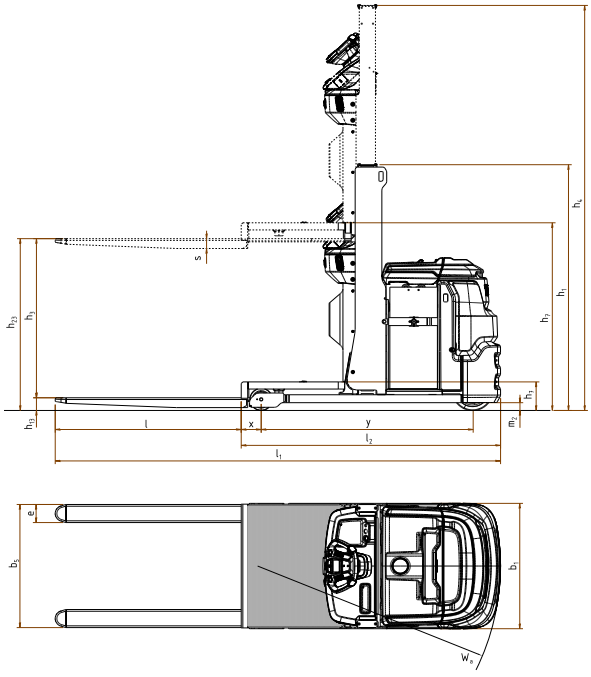
* Further alternatives are available and will produce other values. Data is based on a configuration with Fork length 1150mm , Large battery , Lead acid battery
Truck performance and dimensions are nominal and subject to tolerances.
Toyota Material Handling Manufacturing Sweden AB products and specifications are subject to change without notice.

Dimensional drawings

OSE100



OSE100W



Truck features:

- High performance models
- Low energy consumption
- Man-up possibilities
- E-man and E-Steer steering concept
- Low step-in
- Wide operator space
- Multiple storage compartments
- Integrated warning lights (option)
- Integrated daytime running lights (option)
- Walkie buttons (option)
- E-bar option for easy access to picking devices
- Low noise level
- Easy battery access
- Wide battery range with Lead-Acid and Li-Ion

TOYOTA
MATERIAL HANDLING