Order picking truck 1.8 -2.0 ton

OPTIO

L-series

OSE200X

OSE180XP

Order picking truck

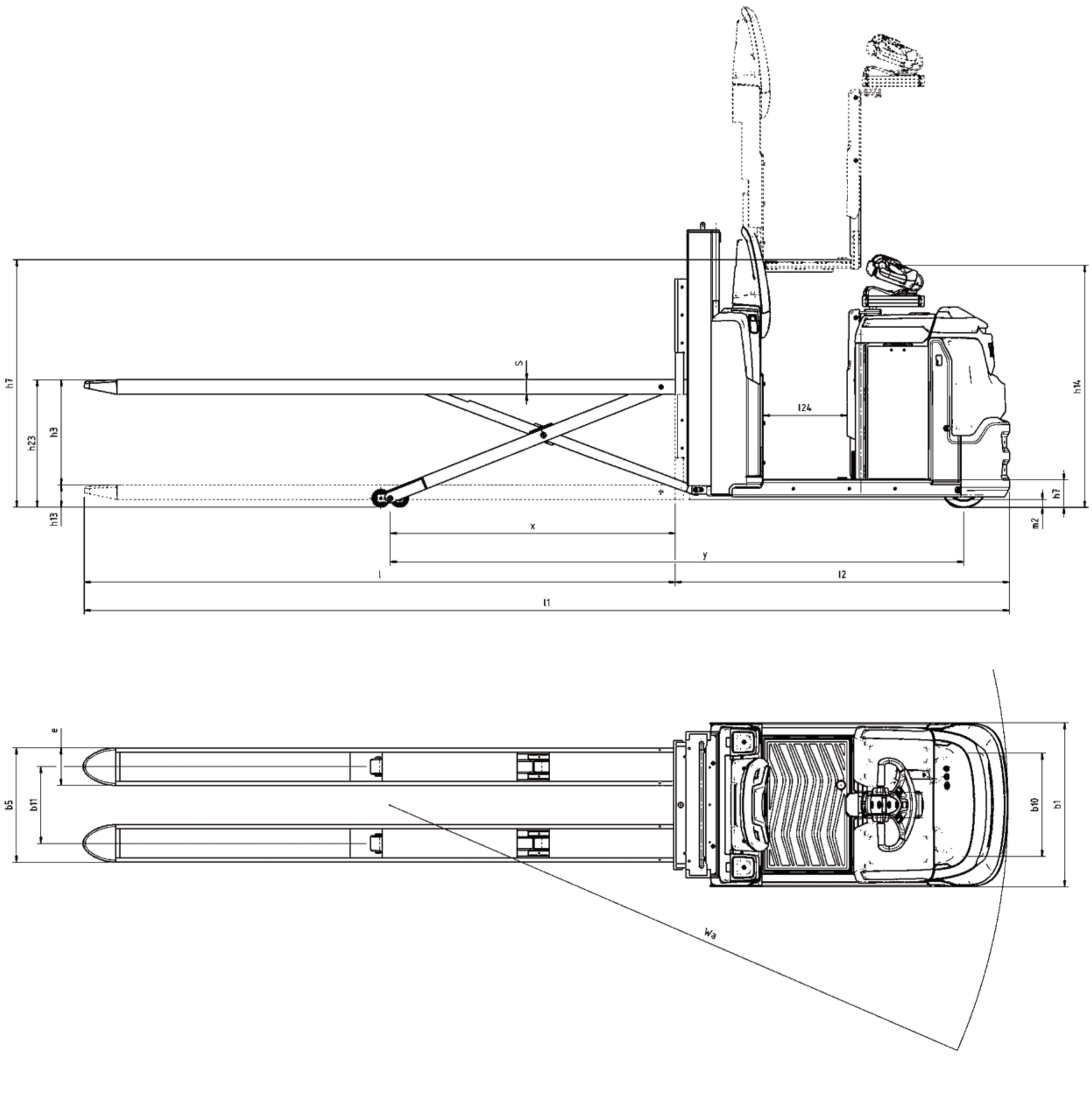
Truck specifications					OSE200X	OSE180XP
Identification	1.1	Manufacturer			Toyota	Toyota
	1.2	Model			OSE200X	OSE180XP
	1.3	Drive			Electric	Electric
	1.4	Operator type			Stand on	Stand on
	1.5	Load capacity/rated load	Q	kg	2000*	1800
	1.6	Load centre	c	mm	1200	1200
	1.8	Load distance, centre of support arm wheel to face of fork (raised/lowered forks)	x	mm	1295*/1485*	1295*/1485*
	1.9	Wheelbase (raised/lowered forks)	y	mm	2590*/2778*	2590*/2778*
Weight	2.1	Service weight including battery		kg	1080*	1210*
	2.2	Axle load, with load, front/rear		kg	900*/2180*	940*/2070*
	2.3	Axle load, without load, front/rear		kg	700*/380*	760*/450*
Wheels	3.1	Drive/castor/fork wheel			Polyurethane	Polyurethane
	3.2	Wheel size, front (drive)		mm	Ø 230x82	Ø 230x82
	3.3	Wheel size, rear		mm	Ø 85x74	Ø 85x74
	3.4	Additional wheel size(castor)		mm	Ø 150x78	Ø 150x78
	3.5	Wheels, number front/rear (x=driven wheels)			1x + 1/4	1x + 1/4
	3.6	Track width, front	b_{10}	mm	495	495
	3.7	Track width, rear	b_{11}	mm	370	370
Dimensions	4.4	Lift	h_3	mm	710	710
		Lift height	h_{23}	mm	800	800
	4.8	Stand height	h_7	mm	130	130/1195
	4.9	Height of tiller in drive position	h_{14}	mm	TBD	TBD
	4.15	Height, fork lowered	h_{13}	mm	90	90
	4.19	Overall length	l_1	mm	3867*	3867*
	4.20	Length to face of forks	l_2	mm	1517*	1517*
	4.21	Overall width	b_1	mm	790	790
	4.22	Fork dimensions	s/e/l	mm	70/180/2350*	70/180/2350*
	4.25	Width over forks	b_5	mm	550*	550*
	4.32	Ground clearance, center of wheelbase	m_2	mm	22	22
	4.34	Aisle width for pallets 800 × 1200	A_{st}	mm	4213*	4213*
	4.35	Turning radius	W_a	mm	2927*	2927*
		Clear width driver compartment entrance	l_{24}	mm	458	420
Performance data	5.1	Travel speed, with/without load forward		km/h	7/10,5	7/10,5
		Travel speed, with/without load, backwards		km/h	6/10,5	6/10,5
	5.2	Lift speed, with /without load		m/s	0,07/ 0,09	0,07/ 0,09
	5.3	Lowering speed, with/without load		m/s	0,12/ 0,1	0,12/ 0,1
	5.8	Max. gradeability, with/without load		%	5/5	5/5
	5.9	Acceleration time (over 10 m) (without/ with load)		s	4,4/6,4	4,4/6,4
	5.10	Service brake			Electromagnetic	Electromagnetic
Electric motor	6.1	Drive motor rating (S2)		kW	2,8	2,8
	6.2	Lift motor rating (S3 7%)		kW	2,0	2,0
	6.4	Battery voltage, nominal capacity K_5		V/Ah	24/300*	24/300*
	6.5	Battery weight (min/max)		kg	190/285*	190/285*
	6.6	Energy consumption acc to EN16796		kWh/h	0,42	TBD
	6.7	Turnover output		t/h	244	TBD
	6.8	Energy consumption at turnover output		kWh/h	1,24	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)	TBD	TBD

**) Further alternatives are available and will produce other values. Data is based on a configuration with Fork length 2350mm, Fork width 550mm, Small battery compartment, Lead acid battery.*

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

OPTIO



Truck features:

- High performance models
- Ergonomic picking height with lifting forks
- Optimized stability with scissor lift
- E-man steering concept
- Low step-in
- Wide operator space
- Multiple storage compartments
- Platform lift model
- Integrated warning lights (option)
- Integrated daytime running lights (option)
- Walkie buttons (option)
- T-mote (option)
- Vibration damped floor (option)
- E-bar option for easy access to picking devices
- Easy battery access
- Wide battery range with Lead-Acid and Li-Ion