

Order picking truck 1.2 ton

BT optio
L-series
OSE120CB



Order picking truck

Truck specifications						OSE120CB
Identification	1.1	Manufacturer				BT
	1.2	Model				OSE120CB
	1.3	Drive				Electric
	1.4	Operator type				Stand on
	1.5	Load capacity/rated load	Q	kg		1200
	1.6	Load centre	c	mm		500
	1.8	Load distance, back of fork to wheel centre	x	mm		73
	1.9	Wheelbase	y	mm		1448
Weight	2.1	Service weight without battery		kg		1599 ¹⁾
	2.2	Axle load, with load, drive/support arm wheels		kg		615/2725
	2.3	Axle load, without load, drive/support arm wheels		kg		1100/1038
Wheels	3.1	Drive/support arm wheels				Vulkollan
	3.2	Wheel size, front		mm		Ø250x100
	3.3	Wheel size, rear		mm		Ø175x75
Dimensions	4.2	Height, mast lowered	h_1	mm		1841
	4.4	Lift movement	h_3	mm		2650
		Lift height	h_{23}	mm		2700
	4.5	Height, mast extended	h_4	mm		3280
	4.7	Height of overhead guard	h_6	mm		2196
	4.8	Stand height	h_7	mm		130
	4.15	Height, fork lowered	h_{13}	mm		50
	4.19	Overall length	l_1	mm		2853
	4.20	Length to face of forks	l_2	mm		1703
	4.21	Overall width	b_1/b_2	mm		790/861
	4.22	Fork dimensions	s/e/l	mm		40/100/1150
	4.25	Width over forks	b_5	mm		250-570
	4.31	Ground clearance, below mast	m_1	mm		49
	4.32	Ground clearance, centre of wheelbase	m_2	mm		72
	4.34	Aisle width for pallets 800 x 1200 lengthways	A_{st}	mm		3170
	4.35	Turning radius	W_a	mm		1636
	4.44	Clear width driver compartment entrance	l_{24}	mm		450
Performance data	5.1	Travel speed, with/without load		km/h		7,0/12,0
	5.2	Lift speed, with/without load		m/s		0,12/0,27
	5.3	Lowering speed, with/without load		m/s		0,33/0,36
	5.8	Max. gradeability, with/without load ²⁾		%		9/13
	5.10	Service brake				Electromagnetic
Electric motor	6.1	Drive motor rating S2 60 min		kW		2,8
	6.2	Lift motor rating S3 6%		kW		2,2
	6.4	Battery voltage, nominal capacity K_s		V/Ah		24/465-620
	6.5	Battery weight, min./max.		kg		338/501
	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)		62

1) With small battery, add 125 kg counterweight.

2) Measured according to company standard.

3) Contact your supplier for information.

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

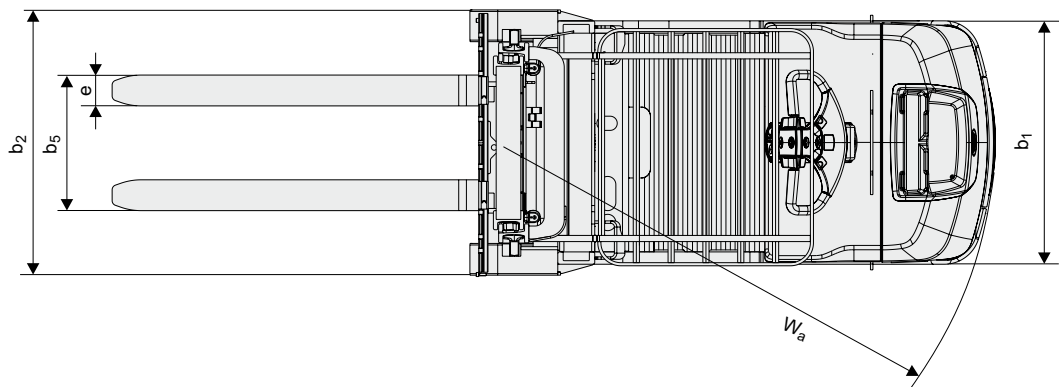
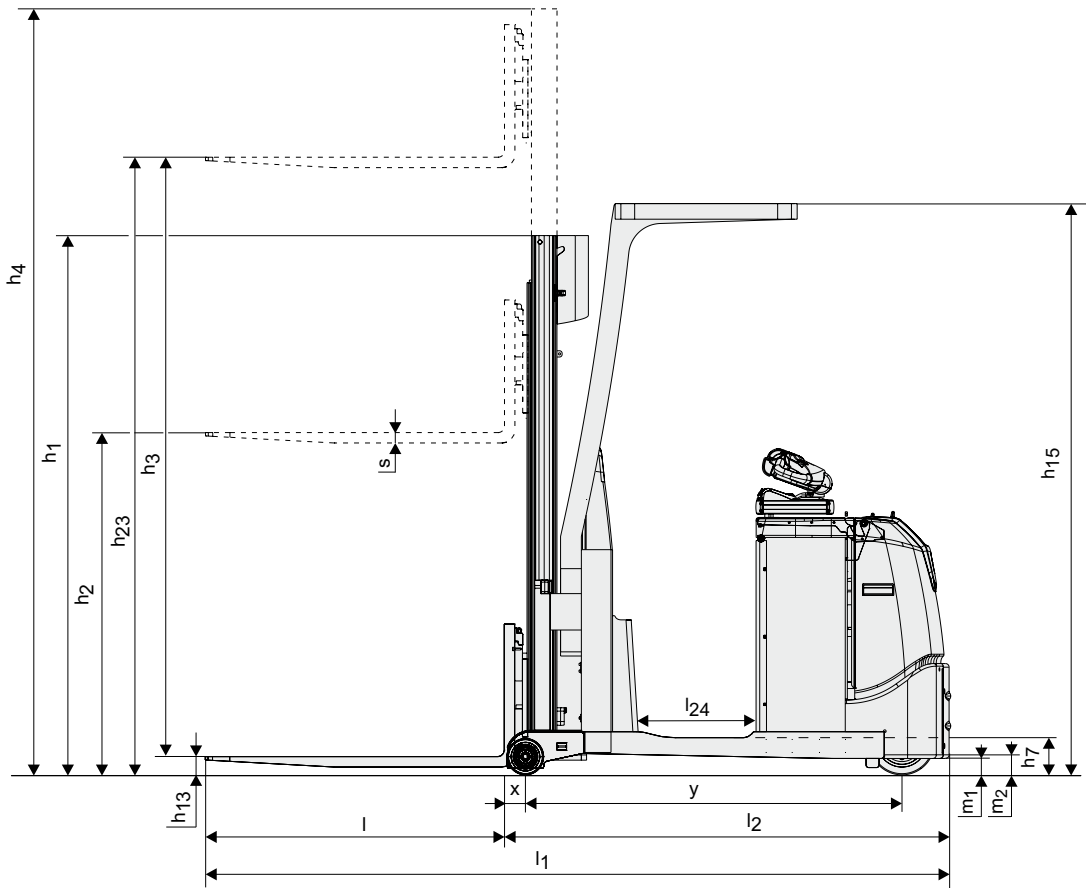
Truck performance and dimensions are nominal and subject to tolerances.

BT products and specifications are subject to change without notice.

Mast dimensions

BT optio

OSE120CB			Simplex			Duplex Tele					Duplex HiLo				
h_{23}	Lift height ($h_{13}+h_3$)	mm	1400	1700	1800	2700	2900	3300	3700	4150	2700	2900	3300	3700	4150
h_3	Lift	mm	1350	1650	1750	2650	2850	3250	3650	4100	2650	2850	3250	3650	4100
h_1	Height, mast lowered	mm	1820	2120	2220	1841	1941	2141	2341	2475	1836	1936	2136	2336	2561
h_2	Free lift	mm	1400	1700	1800	110	110	110	110	110	1396	1496	1696	1896	2121
h_4	Height, mast extended	mm	1980	2280	2380	3280	3480	3880	4280	4720	3280	3480	3880	4280	4720



Truck features:

- High performance models
- BT E-man steering concept
- Low step-in
- Stacking possibilities
- 2-step lowering system
- BT Powerdrive system
- Integrated shrink film holder
- Streamlined administration
 - E-bar concept (option)
- Frequency adapted suspension (option)

