## Order picking truck 1.2 ton



# BT optio L-series OSE120 OSE120P













#### Order picking truck

Truck specifications					OSE120	OSE120P
	1.1	Manufacturer			BT	ВТ
Identification	1.2	Model			OSE120	OSE120P
	1.3	Drive			Electric	Electric
	1.4	Operator type			Stand on	Stand on
	1.5	Load capacity/rated load	Q	kg	1200	1200
	1.6	Load centre	С	mm	1200	1200
	1.8	Load distance, back of fork to bogie wheel centre, short/long support arms	х	mm	858/973	858/973
	1.9	Wheelbase				
		short support arms, short/long chassis	у	mm	2042/2128	2042/2128
		long support arms, short/long chassis	y	mm	2157/2243	2157/2243
Weight	2.1	Service weight without battery, short/long chassis		kg	1184/1263	1184/1263
	2.2	Axle load, with load, drive/castor/fork wheels				
		short chassis		kg	798/302/913	798/302/913
		long chassis		kg	725/110/1138	725/110/1138
	2.3	Axle load, without load, drive/castor/fork wheels				
		short chassis		kg	545/407/246	545/407/246
		long chassis		kg	562/395/300	562/395/300
Wheels	3.1	Drive / castor / fork wheels			Vulkollan	Vulkollan
	3.2	Wheel size, front		mm	Ø 250 x 75	Ø 250 x 75
	3.3	Wheel size, rear		mm	Ø 85 x 74	Ø 85 x 74
	3.4	Additional wheels, dimensions		mm	Ø 150 x 78	Ø 150 x 78
	3.5	Wheels, number front / rear ( x =driven wheels)			1x+ 1/4	1x+ 1/4
Dimensions	4.2.1	Overall height	h <sub>15</sub>	mm	1370	1370
	4.4	Lift	h <sub>3</sub>	mm	715	715
		Lift height	h <sub>23</sub>	mm	800	800
	4.8	Stand height, min./max.	h <sub>7</sub>	mm	138	138/980
	4.15	Height, fork lowered	h <sub>13</sub>	mm	85	85
	4.19	Overall length, short/long chassis	I <sub>1</sub>	mm	2556/2642	2556/2642
	4.20	Length to face of forks, short/long chassis	I <sub>2</sub>	mm	1406/1492	1406/1492
	4.21	Overall width	b <sub>1</sub>	mm	790	790
	4.22	Fork dimensions	s/e/l	mm	70/180/1150	70/180/1150
	4.25	Width over forks	b <sub>5</sub>	mm	520-570	520-570
	4.31	Ground clearance		mm	23	23
	4.34	Aisle width for pallets 800 x 1200 lengthways	m <sub>1</sub>		2813	2813
	4.35	Turning radius	A <sub>st</sub>	mm	2013	2013
	4.33	short support arms, short/long chassis	۱۸/	mm	2271/2357	2271/2357
		long support arms, short/long chassis	W <sub>a</sub> W <sub>a</sub>	mm	2386/2472	2386/2472
	4.44	Clear width driver compartment entrance	I <sub>24</sub>	mm	450	450
Ē	5.1	Travel speed, with/without load	24	km/h	8/12	8/12
Performance data	5.2	Lift speed, with/without load		m/s	0,13/0,15	0,13/0,15
	5.3	Lowering speed, with/without load		m/s	0,22/0,18	0,22/0,18
	5.8	Max. gradeability, with/without load 1)		%	5/5	5/5
	5.10	Service brake		/0	Electromagnetic	Electromagnetic
Electric motor	6.1	Drive motor rating S2 60 min		kW	2,8	2,8
	6.2	Lift motor rating S3 7%		kW	2,0	2,0
	6.4					
		Battery voltage, nominal capacity K <sub>5</sub>		V/Ah	24/620	24/620
	6.5	Battery weight, min./max.		kg	239-501	239-501
	6.6	Energy consumption acc to VDI cycle 2)		kWh/h		DT D
Other	8.1	Type of drive control			BT Powerdrive	BT Powerdrive
	8.4	Sound level at the driver's ear according to EN 12 053		dB(A)	60	60

<sup>1)</sup> Measured according to company standard.

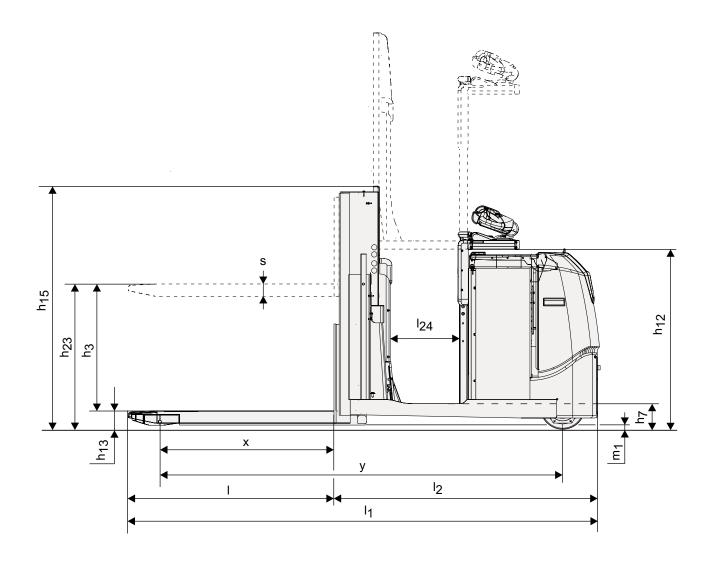
All data are based on table configuration. Other configurations may give other values. Truck performance and dimensions are nominal and subject to tolerances.

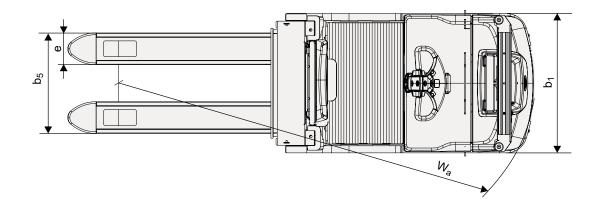
<sup>2)</sup> Contact your supplier for information.

BT products and specifications are subject to change without notice.

### **Dimensional drawings**

## вт optio





#### Truck features:

- High performance models
- High capacity, high lifting forks
- BT E-man steering concept
- Low step-in
- BT Powerdrive system
- Sensi-platform lift
  - including elevating controls (P-model)
- Integrated shrink film holder
- Streamlined administration
  - E-bar concept (option)
- Frequency adapted suspension (option)



