

Order picking truck 2.5 ton

BT optio

L-series

OSE250

Remote drive



Order picking truck

Truck specifications						OSE250
Identification	1.1	Manufacturer				BT
	1.2	Model				OSE250, Remote drive
	1.3	Drive				Electric
	1.4	Operator type				Stand on
	1.5	Load capacity/rated load	Q	kg		2500
	1.6	Load centre	c	mm		1200
	1.8	Load distance, back of fork to bogie wheel centre, raised/lowered support arms	x	mm		1690/1780
	1.9	Wheelbase, raised/lowered support arms	y	mm		2884/2970
Weight	2.1	Service weight without battery, short/long chassis		kg		1201/1225
	2.2	Axle load, with load, drive/castor/fork wheels				
		short chassis		kg		780/836/943
		long chassis		kg		680/673/1144
	2.3	Axle load, without load, drive/castor/fork wheels				
		short chassis		kg		597/500/339
Wheels		long chassis		kg		746/570/293
	3.1	Drive/castor/fork wheels				Vulkollan ©
	3.2	Wheel size, front		mm		Ø 250x105
	3.3	Wheel size, rear		mm		Ø 85x75
	3.4	Additional wheels (dimensions)		mm		Ø 150x75
Dimensions	3.5	Wheels, number front/rear (x =driven wheels)		mm		1x+1/4
	4.2.1	Overall height	h_{15}	mm		2000
	4.4	Lift	h_3	mm		150
		Lift height	h_{23}	mm		235
	4.8	Stand height, min./max.	h_7	mm		138
	4.15	Height, fork lowered	h_{13}	mm		85
	4.19	Overall length, short/long chassis	l_1	mm		3854/3940
	4.20	Length to face of forks, short/long chassis	l_2	mm		1414/1500
	4.21	Overall width	b_1	mm		790
	4.22	Fork dimensions	s/e/l	mm		50/180/2400
	4.25	Width over forks	b_5	mm		550
	4.31	Ground clearance	m_1	mm		40
	4.34	Aisle width for pallets 800 x 1200 lengthways	A_{st}	mm		—
	4.35	Turning radius, short/long chassis	W_a	mm		—
	4.44	Clear width driver compartment entrance	l_{24}	mm		450
Performance data	5.1	Travel speed, with/without load ¹⁾		km/h		8,0/12,0
	5.1.1	Travel speed with remote drive		km/h		4,0/4,0
	5.2	Lift speed, with/without load		m/s		0,07/0,09
	5.3	Lowering speed, with/without load		m/s		0,06/0,06
	5.8	Max. gradeability, with/without load ²⁾		%		8/13
	5.10	Service brake				Electromagnetic
Electric motor	6.1	Drive motor rating S2 60 min		kW		2,8
	6.2	Lift motor rating S3 7%		kW		2,0
	6.4	Battery voltage, nominal capacity K_s		V/Ah		24/310-620
	6.5	Battery weight, min./max.		kg		239/501
	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)		63

1) Values are for 620 Ah battery. Other batteries will give other results..

2) Measured according to company standard.

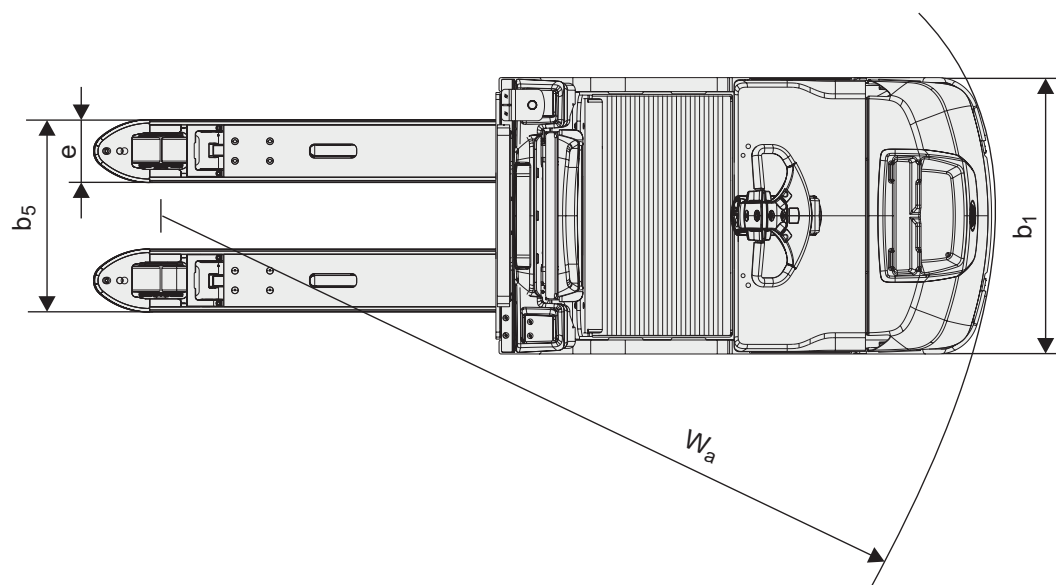
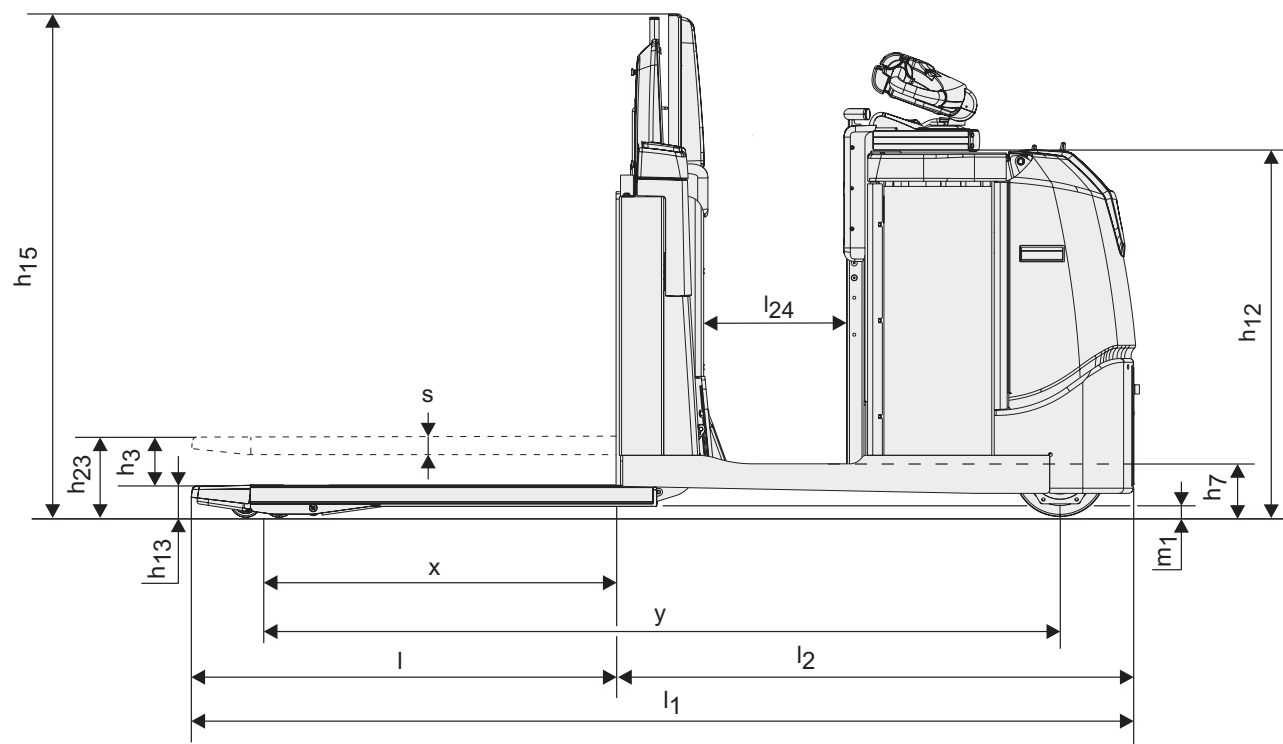
3) Contact your supplier for information.

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.

Dimensional drawings



Truck features:

- High performance models
- Low step-in
- Hands-free remote drive feature (incl. safety scanner, warning light & remote control to operate the truck remotely). The remote drive feature includes proximity to rack function, travel path correction and change of side when inside aisle.
- BT Powerdrive system
- BT E-man steering concept
- Integrated shrink film holder
- Streamlined administration
 - E-bar concept (option)

