



BTs concept using laser guided technology and teach-in programming allows driverless operation for repetitive movements of goods. Easy to install and easy to modify. BTs Autopilot will increase efficiency and save money.



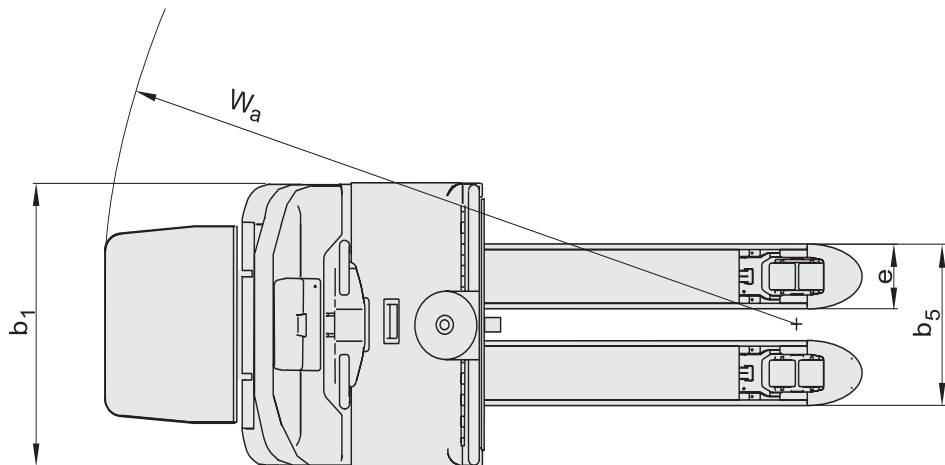
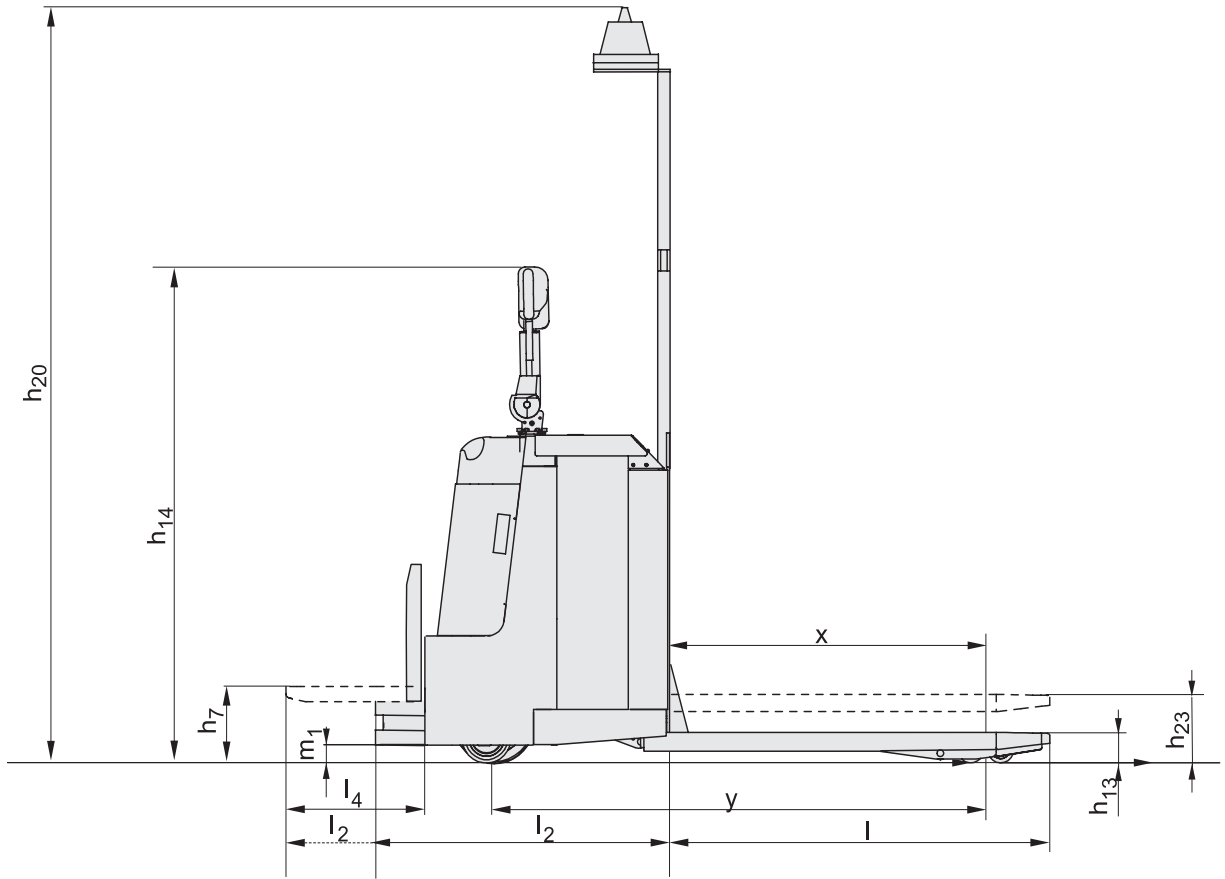
Technical Details		LAE240
Rated capacity	kg	2400
Load centre	mm	600
Weight without battery, min./max.	kg	670/690
Max. axle load drive wheel, without/with rated load	kg	459/835
Max. axle load castor wheel, without/with rated load	kg	370/449
Max. axle load fork wheels, without/with rated load	kg	212/2160
Castor wheels, Vulkollan	mm	Ø 150x50
Fork wheels, Vulkollan	mm	Ø 85x75
Drive wheel, Anti static, Vulkollan	mm	Ø 250x75
Service-/parking brake		1 stage electromagnetic brake
Travel speed, without/with rated load	km/h	6.0/6.0
Lift speed fork, without/with rated load	m/s	0.06/0.04
Lowering speed fork, without/with rated load	m/s	0.04/0.04
Gradient, without/with rated load	%	11.0/8.0
Drive motor/Intermittent rating	kW/%	2.5/60
Lift motor/Intermittent rating	kW/%	2.2/10
Steering system		manual/automatic
Speed control, number of steps		stepless

Dimensions, mm		LAE240
x	Front axle to fork front face, fork raised/lowered	860/980
h ₂₃	Total lift height	225
h ₂₀	Total height with scanner	2245
h ₂₁	Laser scanner beam height	2222
h ₇	Platform height	230
h ₁₄	Height of handle in neutral pos.	1450
h ₁₃	Height of lowered fork	85
b ₁	Chassis, width	790
e	Fork width	180
l	Fork length	1200
b ₅	Width across fork, min./max.	550/685
l ₄	Platform length	438
m ₁	Floor clearance	55

Data is based on small size battery compartment

Technical Details		Battery compartment		
		Small	Medium	
y	Wheel base, fork raised/lowered	mm	1363/1483	1449/1569
A _{st}	Aisle width, min., platform up/down. Pallet 800x1200 mm	mm	2421/2683	2567/2769
W _a	Turning radius, platform up/down	mm	1880/2143	1964/2229
l ₂	Truck length incl. back of fork, platform up/down	mm	901/1175	985/1261
	Battery capacity	Ah	450	600
	Voltage	V	24	24
	Battery weight	kg	380	500

Truck performance and dimensions are nominal and subject to tolerances.
BT Products AB products and specifications are subject to change without notice.
All data is based on VDI 2198.





The basic approach to Autopilot is simplicity and flexibility! Using a standard truck, giving it the capability to run in both manual as well as automatic mode.

- The Autopilot is based on a BT LPE240 Pallet Truck with Danaher components.
- The Teach-In system is used to program drive routes and different type of stations and events. The Autopilot routes are literally recorded while walking with the truck.
- The routes and load stations are memorized and stored in the on board computer, the layout can be transferred to other trucks and may be changed or updated quickly and easily.
- Autopilot can handle up to 112 orders in a standard setup.
- Autopilot has a personnel safety system. This system will create safety fields which are proportional to speed and steering angle, where it either will slow down or bring the truck to stop if a person or object is in the path.

Truck features	LAE240
BT Powerdrive System	S
Powertrak traction system	S
Controls and instrument	
Fingertip controls	S
Power/Electronic steering	S
Tiller arm steering	S
Driving features	
Electronic braking system	S
Electronic regenerative brakes	S
Flip-down driver platform	S
Safety features	
Automatic parking brake	S
Emergency collision button	S
Emergency cut-off	S
Maintenance features	
Easy access for maintenance	S
Fault diagnosis facility	S
Historic fault log	S
Lubrications points	S
Battery management features	
Battery change facility	S
Battery status indicator	S
Heavy duty battery compartments	S
Sideways battery change	S
Special applications	
Remote call system	O
Semi-automatic function	S
Traffic control	O

S = Standard feature

O = Optional feature

— = Not available