



Pedestrian Pallet Truck walkie application — heavy duty

The ORION Range with modern styling is ideally suited for high performance walkie applications regarding loading / unloading and horizontal transportation. LWE200 is a very strong and robust truck that can travel 6 km/h with/without load. Narrow chassis with castor wheels fully rotating within the chassis profile.

- The **comfortable steering arm**, with its modern design, facilitates one hand operation — either left or right hand. The display on the handle gives useful information.
- The **BT Castorlink system** ensures superb stability and secure driving due to connected, spring mounted castor wheels together with a fixed drive wheel.
- The **BT POWERDRIVE system**. The unique integration of contactless controls, CAN-Bus communication and a separately excited drivemotor gives many advantages. The contactless controls give smooth and effortless driving. The CAN-Bus communication provides quick, reliable transmission and only a few communication cables are needed. The separately excited drivemotor allows easy programming of its performance — top speed, acceleration and automatic speed reduction — to suit the application.
- Choice of having **PIN Code** (up to 100) instead of key. Provides access control. Each code can store individual parameters to meet the driver's skill / environment.
- **CLICK-2-CREEP**. Drive mode for safe manoeuvring in very tight situations.
- **Regenerative braking**, energy back to the battery.
- High battery capacities — six different **battery compartments** — together with battery shift towards the side, enables up to two-shift operations.



Technical Details		LWE200
Rated capacity	kg	2000
Load centre	mm	600
Weight without battery	kg	340
Max. axle pressure drive wheel, without/with rated load	kg	295/755
Max. axle pressure castor wheels, without/with rated load	kg	2x75/2x75
Max. axle pressure fork wheels, without/with rated load	kg	55+55/810+810
Castor wheels, polyurethane	mm	Ø 125x40
Fork wheels, single/bogie, Vulkollan	mm	Ø 85/Ø 85
Drive wheel, Vulkollan	mm	Ø 215x70
Travel speed, without/with rated load	km/h	6/6
Lift speed, without/with rated load	m/s	0.07/0.05
Lowering speed, without/with rated load	m/s	0.08/0.07
Gradient, without/with rated load	%	18/9
Service-/parking brake		electromagnetic brake
Drive motor/Intermittent rating	kW/%	1.2/60
Lift motor/Intermittent rating	kW/%	2.2/10
Steering system		steering arm
Speed control, number of steps		transistor, stepless
Steering arc	°	200

Dimensions, mm		LWE200
x	Back of fork to bogie wheel centre (l=1150 mm, fork raised)	892
h ₂₃	Total lift height	205
h ₁₄	Height of handle in neutral pos.	1270
h ₁₃	Height of lowered fork	85
e	Fork width	180
l	Fork length	800/900/950/1000/1050/1100/1150/1200/1450/ 1550/2150/2350
b ₅	Width across fork	450/520/536/550/685
m ₁	Floor clearance	30

Data is based on standard battery compartment, medium size, l=1150mm

Dimensions — standard battery compartment		Battery compartment			
		Small ¹⁾	Medium ²⁾	Large	
y	Wheel base, fork raised/lowered	mm	1274/1334	1307/1373	1355/1421
l ₂	Truck length incl. back of fork	mm	519	590	638
b ₁	Chassis, width	mm	726	726	726
A _{st}	Aisle width, min (Pallet 800x1200 mm)	mm	1919	1990	2038
W _a	Turning radius	mm	1443	1489	1530
	Battery capacity, min./max.	Ah	120/160	180/240	280/320
	Voltage	V	24	24	24
	Battery weight, min./max.	kg	120/165	150/210	220/250

1) Only available with forks e = 156mm, x, y, l, m₁, W_a, A_{st} = according to LWE180 Product Information sheet

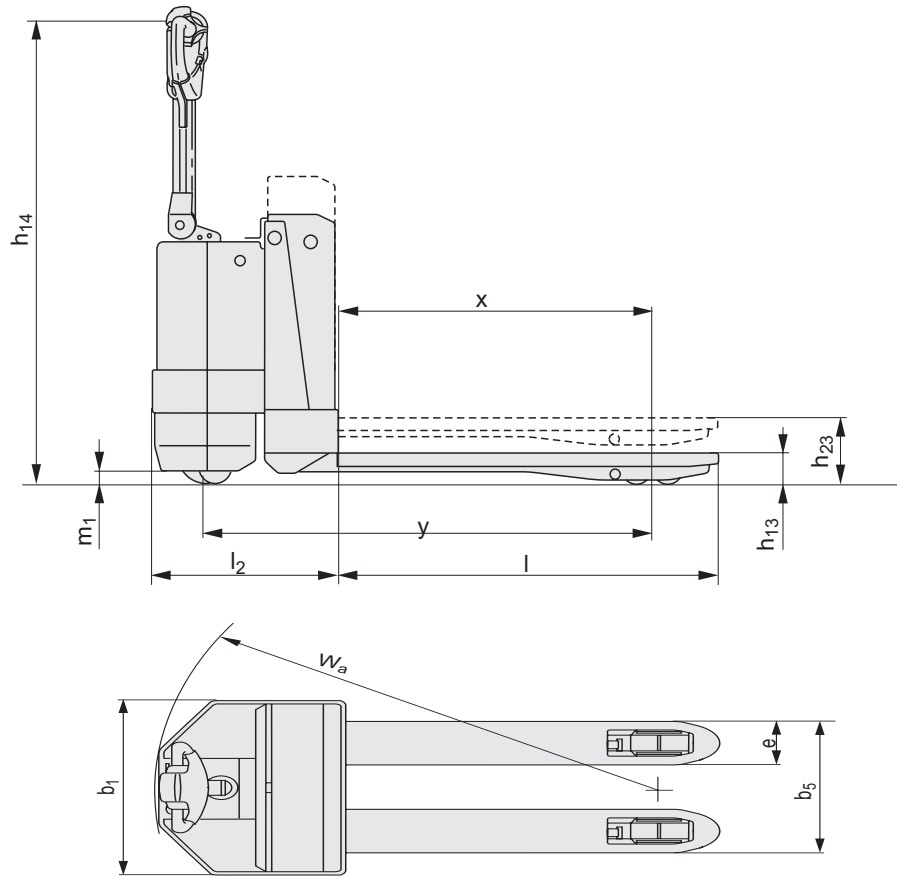
2) Also available with forks e = 156mm, x, y, l, m₁, W_a, A_{st} = according to LWE180 Product Information sheet

Dimensions — sideway exchange battery compartment		Battery compartment			
		Medium	Large	DIN	
y	Wheel base, fork raised/lowered	mm	1339/1405	1389/1455	1439/1505
l ₂	Truck length incl. back of fork	mm	622	672	722
b ₁	Chassis, width	mm	755	755	755
A _{st}	Aisle width, min (Pallet 800x1200 mm)	mm	2022	2072	2122
W _a	Turning radius	mm	1514	1564	1614
	Battery capacity, min./max.	Ah	180/240	280/320	240/330
	Voltage	V	24	24	24
	Battery weight, min./max.	kg	150/210	220/250	220/300

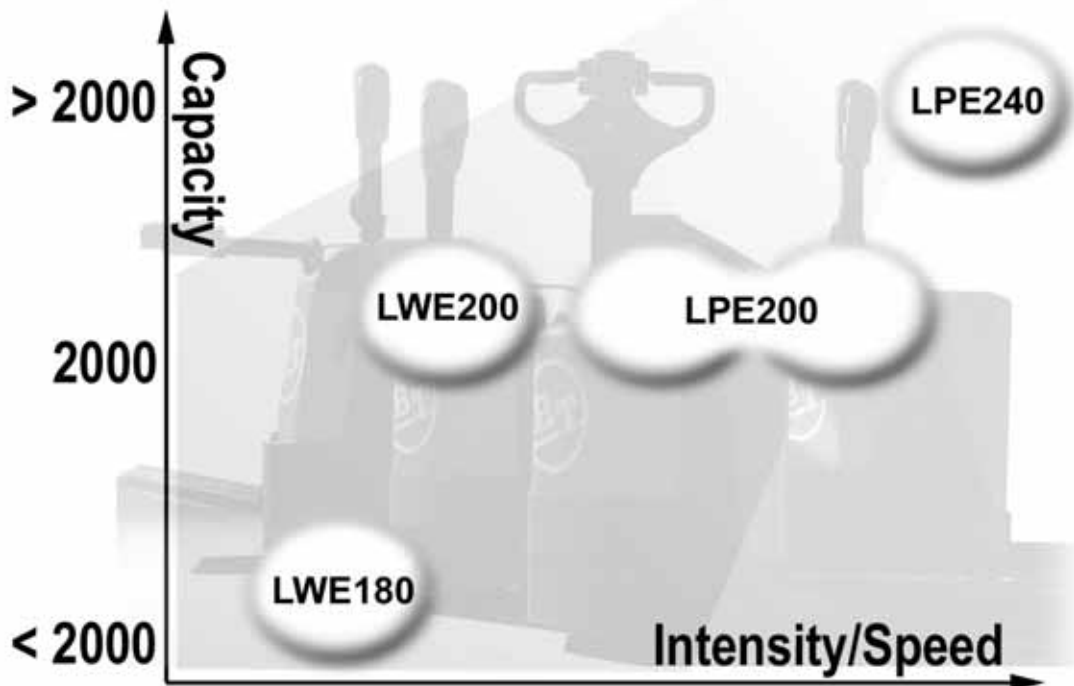
Performance may vary due to motor and system efficiency tolerance and represents nominal values obtained under typical operating conditions.

BT Products AB products and specifications are subject to change without notice.

All data is based on VDI 2198.



ORION Range





Options

- **Load support**
To provide additional safety for load and operator.
- **Built-in charger**
The additional feature of a built-in charger placed in front of the electrical panel. Does not reduce the battery capacity.
- **Turtle button**
Programmable function for reduced speed.
- **Climber skids**
Allow effective pallet entry/exit regardless of pallet type.
- **Writing table**
For A4-size paper.
- **Cold store specification**
For operation in temperatures down to -35° C.
- **Battery change device**
For fast and easy battery exchange.
- **Battery change table**
For fast exchange of batteries toward the side.



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