



The LWE trucks — within the Orion Range — are very well suited for walkie applications regarding loading / unloading and horizontal pallet movement. The chassis width from 726 mm – combined with a 200°+ steering arc – provides excellent manoeuvrability.



Technical Details		LWE180	LWE200
Rated capacity	kg	1800	2000
Load centre	mm	600	600
Weight without battery	kg	310	350
Max. axle load drive wheel, without/with rated load	kg	275/680	295/755
Max. axle load castor wheels, without/with rated load	kg	2x75/2x75	2x75/2x75
Max. axle load fork wheels, without/with rated load	kg	45+45/740+740	55+55/810+810
Castor wheels, Vulkollan	mm	Ø 125x40	Ø 125x40
Fork wheels, single or bogie, Vulkollan	mm	Ø 85/Ø 85	Ø 85/Ø 85
Drive wheel, Vulkollan ¹⁾	mm	Ø 215x70	Ø 215x70
Travel speed, without/with rated load	km/h	6/6	6/6
Lift speed, without/with rated load	m/s	0.05/0.04	0.07/0.05
Lowering speed, without/with rated load	m/s	0.05/0.04	0.08/0.07
Gradient, without/with rated load	%	18/9	18/9
Service-/parking brake		electrical	electrical
Drive motor/Intermittent rating	kW/%	1.0/60	1.2/60
Lift motor/Intermittent rating	kW/%	1.2/10	2.2/10
Steering system		steering arm	steering arm
Speed control, number of steps		transistor, stepless	transistor, stepless
Steering arc	°	200	200

Dimensions, mm		LWE180	LWE200
x	Back of fork to bogie wheel centre, fork raised	924	892
h ₂₃	Total lift height	205	205
h ₁₄	Height of handle in neutral pos.	1270	1270
h ₁₃	Height of lowered fork	85	85
e	Fork width	156	180
l	Fork length	810/910/965/1000/ 1120/1150/1200/ 1370/1450/1520	800/900/950/1000/ 1050/1100/1150/ 1200/1450/1550/ 2000/2150/2350
b ₅	Width across fork	450/520/536/550/685	450/520/536/550/685
m ₁	Floor clearance	40	30

1) Other alternatives available

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

Dimensions — Standard battery compartment				LWE180		LWE200		
				Battery compartment		Battery compartment		
				Small	Medium	Small ¹⁾	Medium ²⁾	Large
y	Wheel base, fork raised/lowered (l=1150)	mm		1274/1334	1320/1380	1274/1334	1307/1373	1355/1421
l ₂	Truck length incl. back of fork	mm		519	565	519	590	638
b ₁	Chassis, width	mm		726	726	726	726	726
A _{st}	Aisle width, min (Pallet 800x1200 mm)	mm		1919	1965	1919	1990	2038
W _a	Turning radius, fork raised	mm		1443	1489	1443	1489	1530
	Battery capacity, min./max.	Ah		120/160	180/240	120/160	180/240	280/320
	Voltage	V		24	24	24	24	24
	Battery weight, min./max.	kg		120/165	150/210	120/165	150/210	220/250

1) Only available with forks e = 156 mm

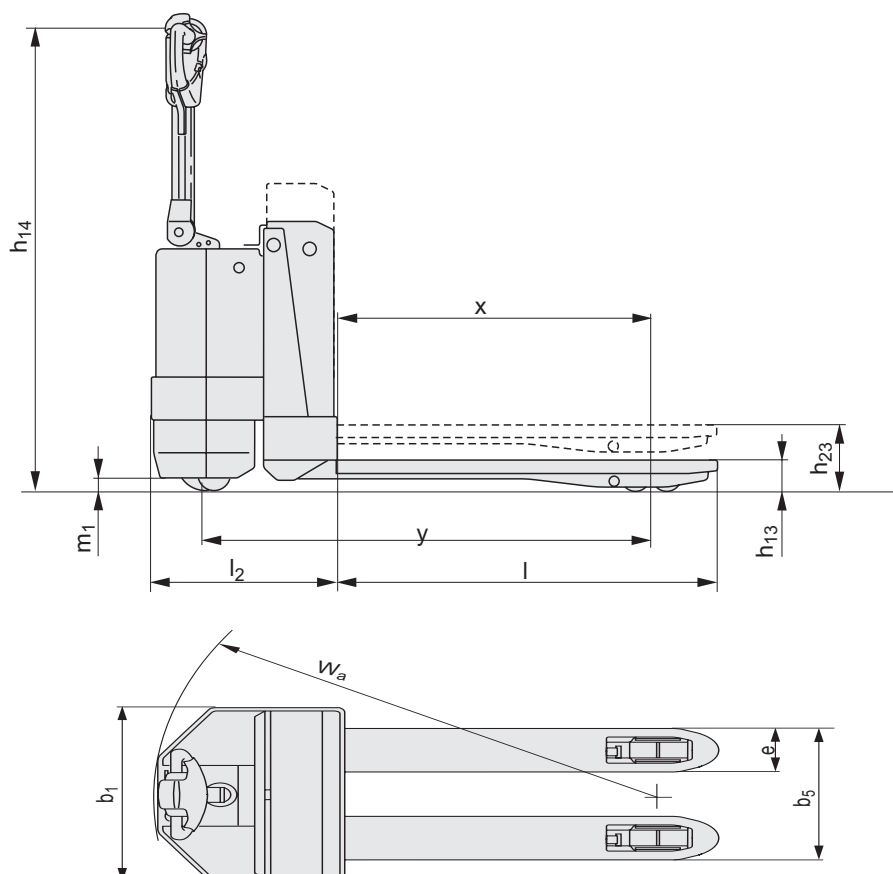
2) Also available with forks e = 156 mm

Dimensions — Sideway exchange battery compartment				LWE200		
				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, fork raised	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.





- The comfortable steering arm, with its modern design, facilitates one hand operation. The lift, lowering and driving functions are ergonomically placed on the steering arm and can be operated by finger tip force.
- The BT Castorlink system ensures superb stability and secure driving.
- The BT Powerdrive system provides reliability and simplicity. Can-bus technology means fewer parts and reliable transmission of data. A Pin code start up procedure offers higher operational safety by stopping unauthorised driving.
- Individual driver parameters, top speed, acceleration and automatic speed reduction, to meet driver skills can be programmed via the key pad (no tool needed).
- Click-2-creep. Drive mode for safe manoeuvring in very tight situations.

Truck features	LWE180	LWE200
BT Powerdrive System	S	S
Castorlink system	S	S
Climber wheels	O	O
Compact version	S	S
Controls and instrument		
Click-2-creep	S	S
Fingertip controls	S	S
Information display	S	S
Temporary speed reduction (turtle button)	O	O
Driving features		
Electronic braking system	S	S
Electronic regenerative brakes	S	S
Electronic speed control	S	S
Safety features		
Automatic parking brake	S	S
BT Access Control	O	O
Load support	O	O
Programmable performance	S	S
Drivers compartment features		
Writing table	O	O
Maintenance features		
Easy access for maintenance	S	S
Fault diagnosis facility	S	S
Historic fault log	S	S
Battery management features		
Battery change facility	O	O
Battery status indicator	S	S
Built-in charger	O	O
Sideways battery change	—	O

S = Standard feature

O = Optional feature

— = Not available