

LPE200

LPE240



The LPE trucks within the Orion Range are ideally suited for high performance applications regarding dock loading / cross-docking / horizontal transportation. Excellent man-machine interface combined with the LPE trucks dynamic characteristics provides a base for high productivity.



email: info@forstor.com.ua

site: www.forstor.com.ua

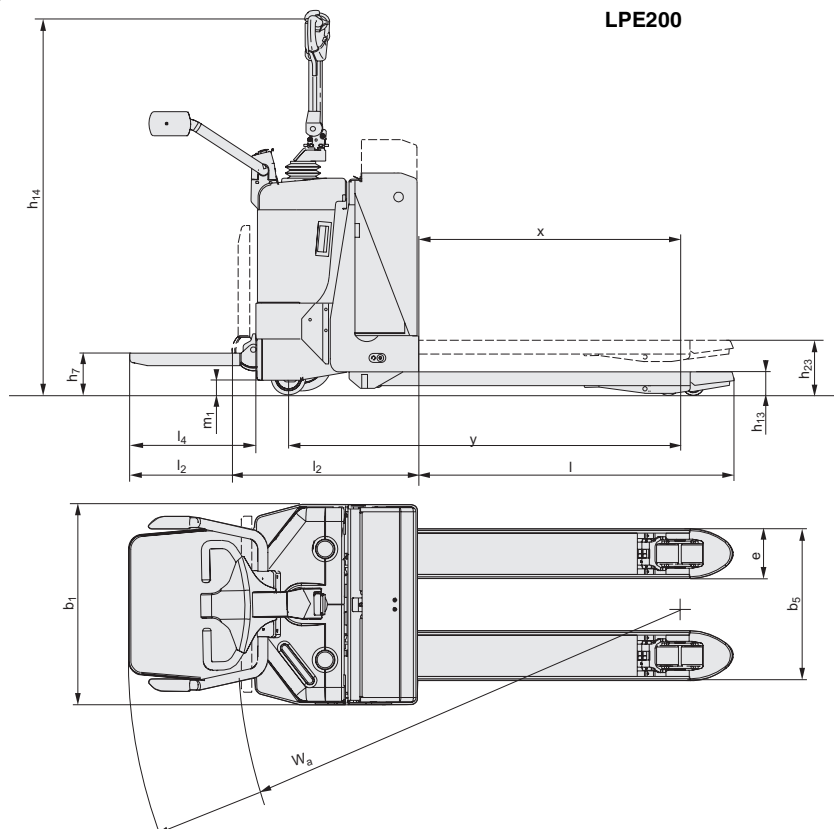


| Technical Details | | LPE200, 6 km/h | LPE200, High performance | LPE240 |
|---|------|-------------------|-----------------------------|-----------------------------|
| Rated capacity | kg | 2000 | 2000 | 2400 |
| Load centre | mm | 600 | 600 | 600 |
| Weight without battery | kg | 405 | 420 | 730 |
| Max. axle load drive wheel, without/with rated load | kg | 350/550 | 350/550 | 510/835 |
| Max. axle load castor wheels, without/with rated load | kg | 60+60/205+205 | 70+70/215+215 | 150+150/295+295 |
| Max. axle load fork wheels, without/with rated load | kg | 65+65/820+820 | 65+65/820+820 | 105+105/1075+1075 |
| Castor wheels, polyurethane | mm | Ø 125x50 | Ø 125x50 | Ø 150x50 |
| Fork wheels, single or bogie, Vulkollan | mm | Ø 85 | Ø 85 | Ø 85x75 ¹⁾ |
| Drive wheel, Vulkollan ²⁾ | mm | Ø 215x70 | Ø 215x70 | Ø 250x75, 250x105 |
| Travel speed, without/with 1000kg/with rated load | km/h | 6.0/—/6.0 | 8.5/—/7.5 | 12.0/12.0/8.0 ³⁾ |
| Lift speed fork, without/with rated load | m/s | 0.07/0.05 | 0.07/0.05 | 0.06/0.04 |
| Lowering speed fork, without/with rated load | m/s | 0.09/0.08 | 0.09/0.08 | 0.04/0.04 |
| Gradient, without/with rated load | % | 18/8 | 18/8 | 15/8 |
| Service-/parking brake | | electric | electric | electric |
| Drive motor/Intermittent rating | kW/% | 1.2/60 | 1.7/60 | 2.5/60 |
| Lift motor/Intermittent rating | kW/% | 2.2/10 | 2.2/10 | 2.2/10 |
| Steering system | | steering arm | steering arm | steering arm |
| Speed control, number of steps | | stepless | stepless | stepless |
| Steering arc | ° | 200 | 200 | 180 |

| Dimensions, mm | | LPE200 | LPE240 |
|-----------------|--|---|--|
| h ₂₃ | Total lift height | 205 | 210 ⁴⁾ |
| x | Front axle to fork front face, fork raised | 892 | 909 ⁴⁾ |
| h ₂₃ | Total lift height | — | 225 ⁵⁾ |
| x | Front axle to fork front face, fork raised | — | 886 ⁵⁾ |
| h ₇ | Platform height | 150 | 184 |
| h ₁₄ | Height of handle in neutral pos. | 1370 | 1450 |
| h ₁₃ | Height of lowered fork | 85 | 85 |
| e | Fork width | 180 | 180 |
| l | Fork length | 800/1000/1150/1200/1450/1550/1950/ 2150/2350 | 800/950/1000/1150/1200/1450/1550/ 1950/2000/2150/2350 |
| b ₅ | Width across fork | 450/520/536/550/570/685 | 450/520/536/550/685 |
| l ₄ | Platform length | 458 | 422 |
| m ₁ | Floor clearance | 30 | 55 |

- 1) Single wheels upto and including l=1450 mm
- 2) Other alternatives available
- 3) With rated load, small battery compartment: Travel speed = 8.5 km/h
- 4) Pallet handling
- 5) Roll cage handling

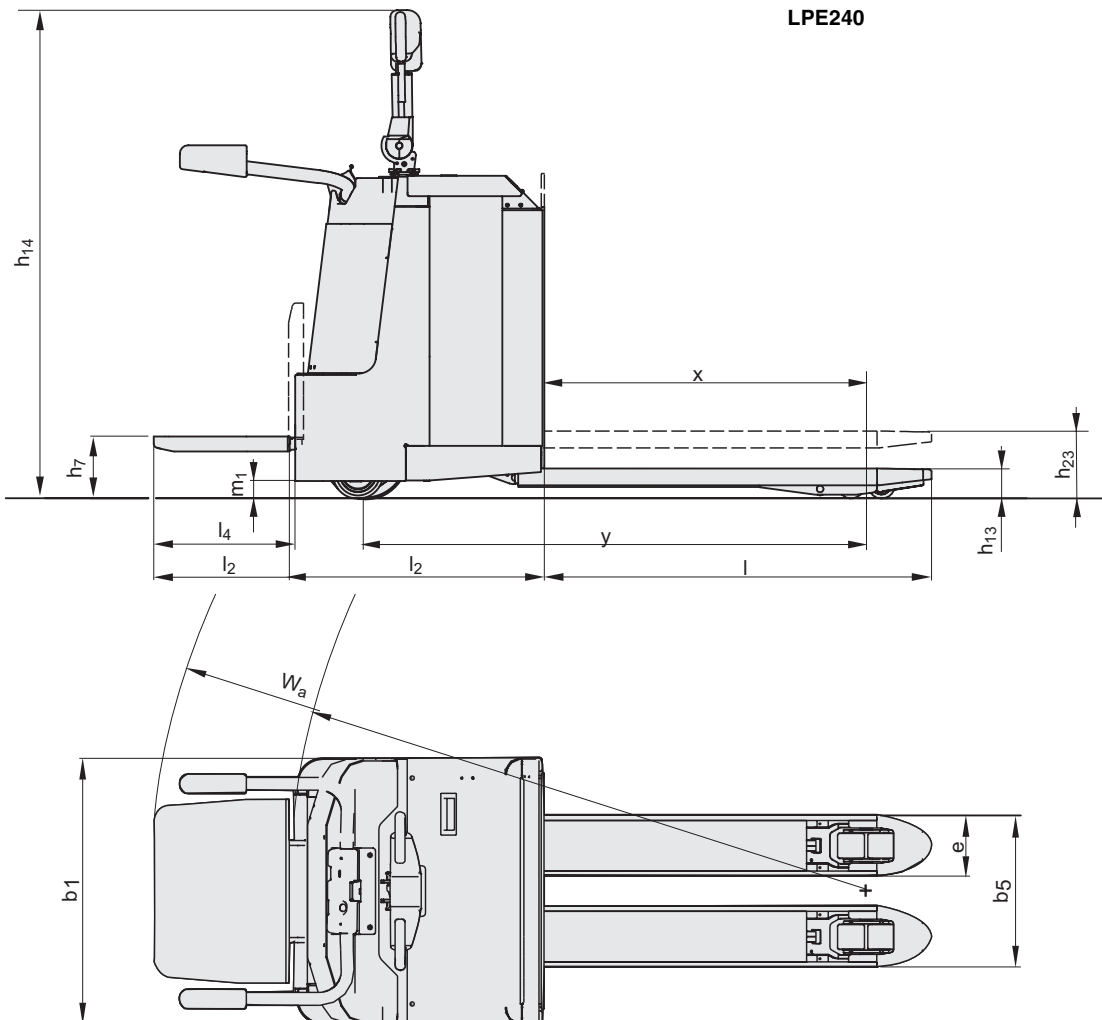
Data is based on standard battery compartment, medium size, l=1150 mm



| Dimensions — standard battery compartment | | | LPE200 | | LPE240 | |
|---|---|----|---------------------|-----------|---------------------|-----------|
| | | | Battery compartment | | Battery compartment | |
| | | | Medium | Large | Small | Medium |
| y | Wheel base, fork raised/lowered | mm | 1313/1377 | 1361/1425 | 1605/1725 | 1691/1811 |
| l_2 | Truck length incl. back of fork, platform up/down | mm | 677/1051 | 725/1099 | 745/1167 | 831/1253 |
| b_1 | Chassis, width | mm | 726 | 726 | 790 | 790 |
| A_{st} | Aisle width, min., platform up/down Pallet 800x1200 mm | mm | 2013/2387 | 2061/2435 | 2265/2687 | 2351/2773 |
| W_a | Turning radius, platform up/down | mm | 1569/1943 | 1617/1991 | 1725/2147 | 1811/2233 |
| | Battery capacity, min./max. | Ah | 180/240 | 280/320 | 300/465 | 300/620 |
| | Voltage | V | 24 | 24 | 24 | 24 |
| | Battery weight, min./max. | kg | 150/210 | 200/250 | 250/380 | 250/380 |

| Dimensions — sideway exchange battery compartment | | | LPE200 | | |
|--|---|----|---------------------|-----------|-----------|
| | | | Battery compartment | | |
| | | | Medium | Large | DIN |
| y | Wheel base, fork raised/lowered | mm | 1345/1409 | 1395/1459 | 1445/1509 |
| l_2 | Truck length incl. back of fork, platform up/down | mm | 709/1083 | 759/1133 | 809/1183 |
| b_1 | Chassis, width | mm | 755 | 755 | 755 |
| A_{st} | Aisle width, min., platform up/down Pallet 800x1200 mm | mm | 2109/2483 | 2159/2533 | 2209/2583 |
| W_a | Turning radius, platform up/down | mm | 1665/2039 | 1715/2089 | 1765/2139 |
| | Battery capacity, min./max. | Ah | 210/240 | 280/320 | 240/330 |
| | Voltage | V | 24 | 24 | 24 |
| | Battery weight, min./max. | kg | 150/210 | 220/250 | 210/300 |

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 truck is equipped with Powertrak drive unit configuration — a BT patent. The drive wheel pressure is constantly adjusted due to the weight of the load. The result is optimal traction and minimum steering force.
- Integrated spring loaded, foldable platform together with stable and comfortable gates provides safe high speed operation and maximum efficiency.
- 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 Powerdrive system provides smooth and effortless driving, quick reliable information and easy programmable performance of the truck – to suit the driver and application.
- Individual driver parameters, top speed, acceleration and automatic speed reduction, to meet driver skills can be programmed via the key pad (no tool needed).

| Truck features | LPE200 | LPE240 |
|-------------------------------------|--------|--------|
| BT Powerdrive System | S | S |
| Climber wheels | O | O |
| Powertrak traction system | S | S |
| Controls and instrument | | |
| Fingertip controls | S | S |
| Information display | S | S |
| Driving features | | |
| Electronic braking system | S | S |
| Electronic regenerative brakes | S | S |
| Electronic speed control | S | S |
| Safety features | | |
| Automatic parking brake | S | S |
| Driver detection system | S | S |
| Fixed sideguards | O | O |
| Folding sideguards | O | S |
| Load support | O | O |
| 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 |
| Lubrication points | S | S |
| Battery management features | | |
| Battery change facility | O | O |
| Battery status indicator | S | S |
| Built-in charger | O | — |
| Heavy duty battery compartments | — | S |
| Sideways battery change | O | O |

S = Standard feature

O = Optional feature

— = Not available