

SPE200
SPE200L

SPE200 and SPE200L are high capacity stackers built for horizontal transport and stacking in applications that require durable trucks with a high safety level.



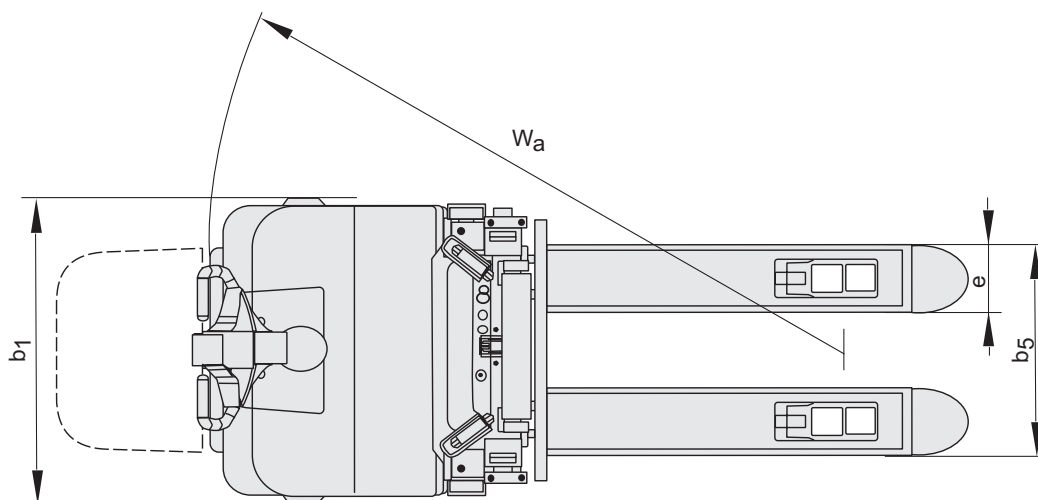
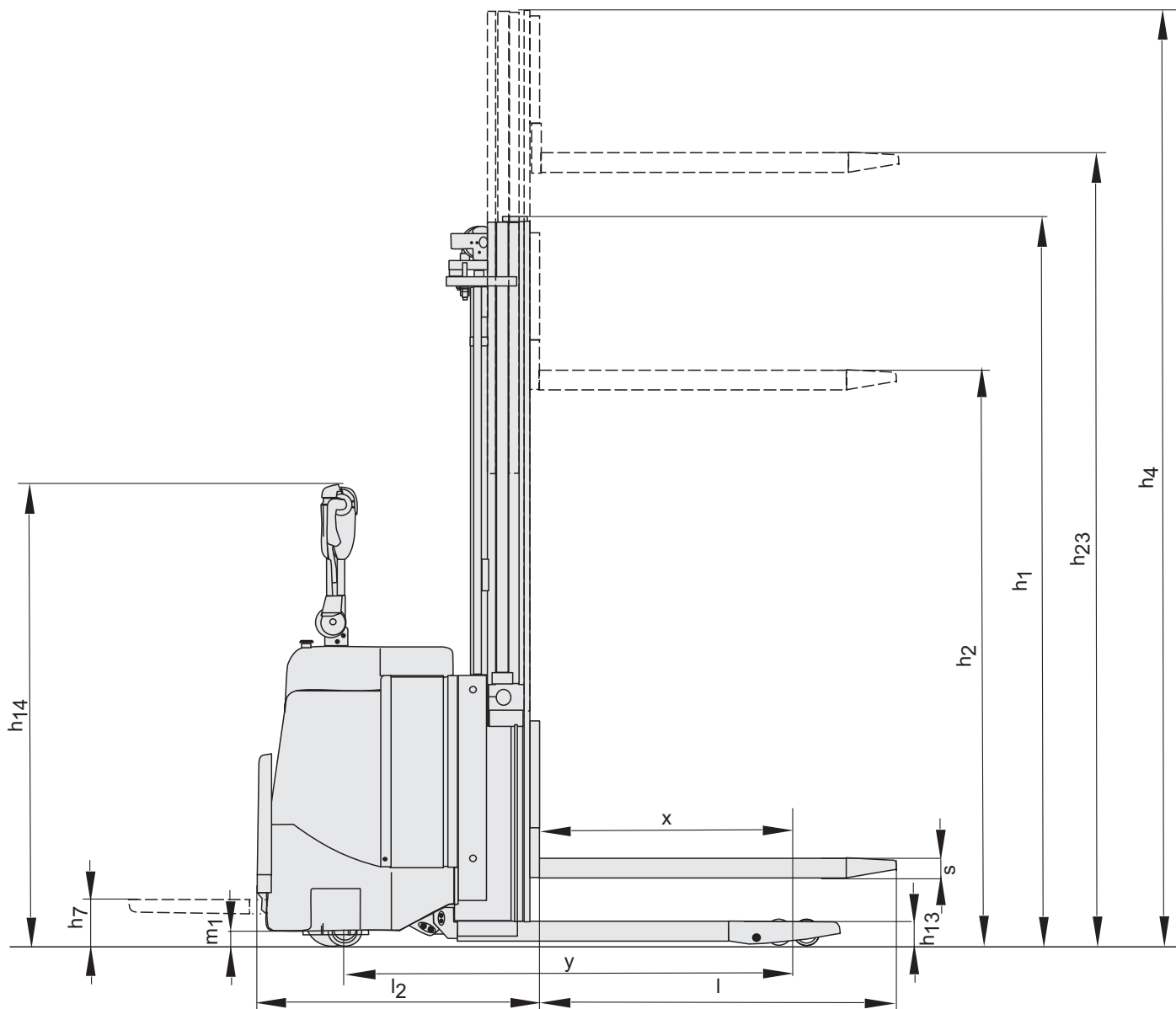
| Technical Details | | SPE200 | SPE200L |
|--|------|-------------------------------|-------------------------------|
| Operating type | | pedestrian | pedestrian |
| Rated capacity | kg | 2000 | 2000 |
| Rated capacity, support arm lift | kg | — | 2000 |
| Load centre | mm | 600 | 600 |
| Max. axle load drive wheel, without/with rated load/ with rated load on support arms | kg | 400/595/— | 400/595/595 |
| Max. axle load castor wheels, without/with rated load/ with rated load on support arms | kg | 670/665/— | 690/685/685 |
| Max. axle load support arm wheels, without/with rated load/ with rated load on support arms | kg | 410/2220/— | 410/2220/2220 |
| Travel speed | km/h | 6 | 6 |
| Lift speed, without/with rated load | m/s | 0,22/0,13 | 0,22/0,13 |
| Lowering speed, without/with rated load | m/s | 0,25/0,44 | 0,25/0,44 |
| Gradient, without/with rated load | % | 12/10 | 12/10 |
| Service-/parking brake | | 1 stage electromagnetic brake | 1 stage electromagnetic brake |
| Drive motor/Intermittent rating (S2 60') | kW | 1,7 | 1,7 |
| Lift motor/ Intermittent rating (S3 11%) | kW | 3 | 3 |
| Steering system | | steering arm | steering arm |
| Speed control | | transistor, stepless | transistor, stepless |
| Steering arc | ° | 180 | 180 |

| Dimensions, mm | | SPE200 | SPE200L |
|-----------------|---|--------------------|--------------------|
| x | Back of fork to bogie wheel centre, fork raised | 781 | 720 |
| y | Wheel base, fork raised/lowered | 1440 | 1421/1481 |
| | Drive wheel movement up/down | 15/30 | 15/30 |
| | Drive wheel, Powerfriction ¹⁾ | Ø 215 | Ø 215 |
| | Castor wheels, Vulkollan | Ø 125x50 | Ø 125x50 |
| | Support arm wheels, bogie, Vulkollan | Ø 85x75 | Ø 85x75 |
| h ₇ | Platform height | 150 | 150 |
| l ₄ | Platform length | 400 | 400 |
| h ₁₄ | Height of handle in neutral pos. | 1435 ²⁾ | 1435 ²⁾ |
| h ₁₃ | Height of lowered fork | 90 | 90 |
| l ₂ | Truck length incl. fork face, without/with platform up/down | 882/912/1339 | 923/953/1380 |
| b ₁ | Chassis, width | 850/1150 | 850/1150 |
| s | Fork thickness | 70 | 70 |
| e | Fork width | 180 | 180 |
| l | Fork length | 1150 | 1150 |
| b ₅ | Width across fork | 570 | 570 |
| m ₁ | Floor clearance | 24 | 24 |
| A _{st} | Aisle width, without/platform up/down | 2640/2490/2917 | 2534/2464/2691 |
| W _a | Turning radius, without/with platform up/down | 1681/1711/2138 | 1709/1739/2166 |

Data is based on small size battery compartment, b₁ = 1150 mm, Duplex Hi-Lo
Large battery compartment = +98 mm and +30 kg

| Mast, mm | | | Duplex Tele | | | | | Duplex Hi-Lo | | | | |
|-----------------------|--|-----------|-----------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|
| h₂₃ | Total lift height | mm | 2150 | 2700 | 3150 | 3550 | 3950 | 2150 | 2700 | 3150 | 3550 | 3950 |
| h ₁ | Height of mast, min. ³⁾ | mm | 1745 | 2020 | 2245 | 2445 | 2645 | 1745 | 2020 | 2245 | 2445 | 2645 |
| h ₂ | Free lift ³⁾ | mm | — | — | — | — | — | 1140 | 1415 | 1640 | 1840 | 2040 |
| h ₄ | Height of mast, max. | mm | 2800 | 3350 | 3800 | 4200 | 4600 | 2800 | 3350 | 3800 | 4200 | 4600 |
| | Weight without battery ⁴⁾ | kg | 1030 | 1060 | 1110 | 1150 | 1160 | 1040 | 1070 | 1120 | 1160 | 1170 |
| | Battery (5h discharge), min./max. V/Ah | | 24/180—440 | | | | | | | | | |
| | Battery weight, min./max. | kg | 200—250/300—370 | | | | | | | | | |

- 1) Other alternatives available
- 2) Height of handle in neutral position without platform = 1580 mm,
in normal driving position = 1040 mm.
- 3) +120 mm with raised support arms
- 4) Platform weight 30 kg



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 2000 kg stackers are available in two models. One with fixed support arms for handling on even surfaces. The other model, with elevating support arms, can be used on ramps and uneven surfaces and also for double pallet handling.
- 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.
- 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 Sensi-lift function offer precise and intuitive control of the lift and lowering speeds.
- 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.
- Two different battery compartments provide the truck with excellent flexibility.

| Truck features | SPE200 | SPE200L |
|---|--------|---------|
| BT Powerdrive System | S | S |
| Choice of chassis widths | O | O |
| Elevating support arms | — | S |
| Powertrak traction system | S | S |
| Controls and instrument | | |
| Information display | S | S |
| Power/Electronic steering | O | O |
| Sensi-lift | S | S |
| Temporary speed reduction (turtle button) | O | O |
| Tiller arm steering | S | S |
| Driving features | | |
| 180° steering | S | S |
| Electronic braking system | S | S |
| Electronic speed control | S | S |
| Flip-down driver platform | S | S |
| Safety features | | |
| BT Access Control | S | S |
| Load support | O | O |
| Programmable performance | S | S |
| Maintenance features | | |
| Easy access for maintenance | S | S |
| Fault diagnosis facility | S | S |
| Battery management features | | |
| Battery change facility | O | O |
| Battery status indicator | S | S |
| Heavy duty battery compartments | S | S |
| Sideways battery change | O | O |

S = Standard feature

O = Optional feature

— = Not available

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