



The VCE125ASF is a part of the Vector high performance combi-truck range. The shuttle fork unit offers maximum handling speed and efficiency in the minimum of space. A rated capacity of 1250 kg and lift heights up to 13.3 m cover most customer needs.



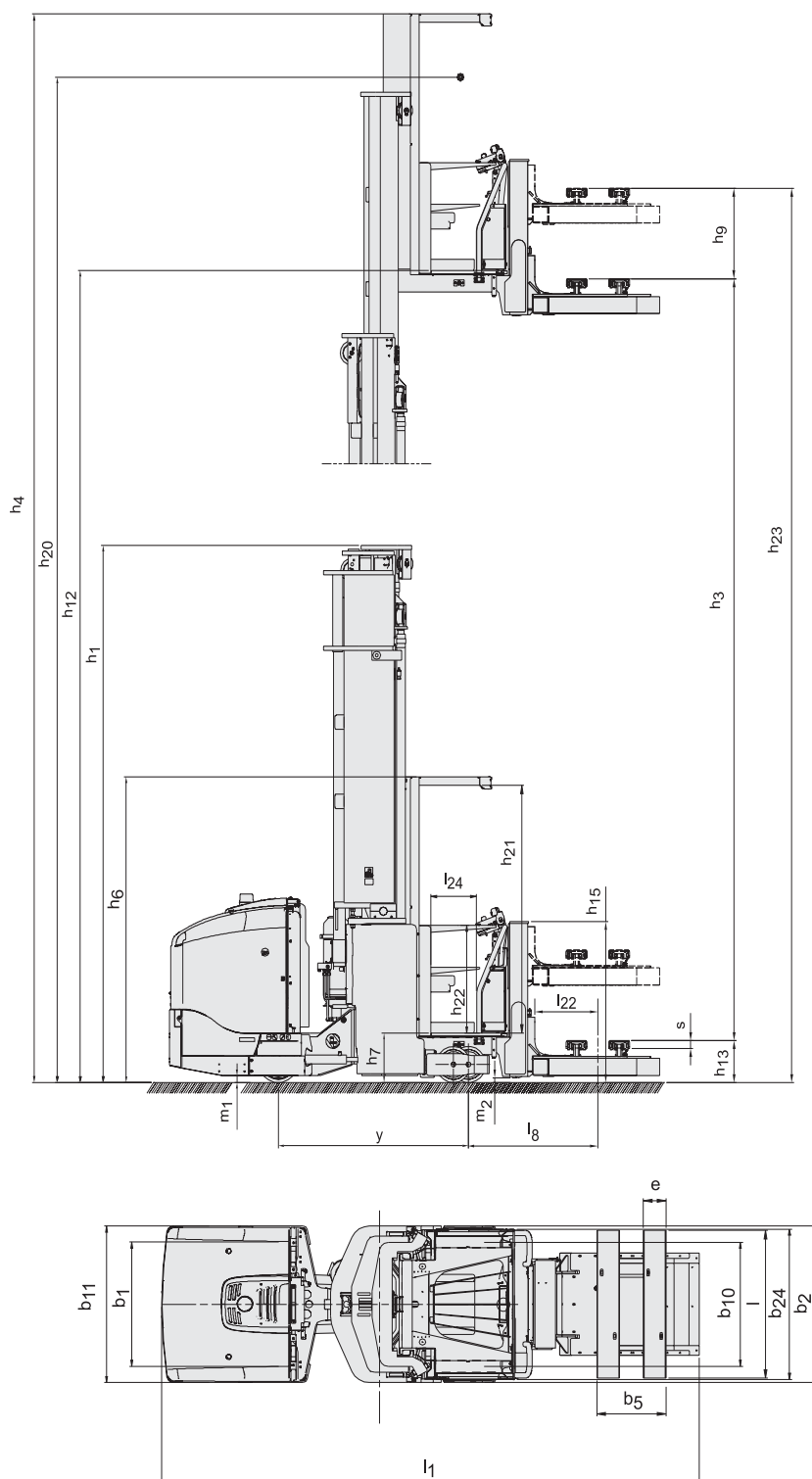
| Technical Details | VCE125ASF | |
|---|-----------|----------------------------------|
| Power unit | | electrical, battery |
| Operating type | | stand on/ride on |
| Rated capacity | kg | 1250 |
| Load centre | mm | 600 |
| Weight without battery ¹⁾ | kg | 7600 |
| Wheel type | | Vulkollan |
| Wheel dimension, fork side | mm | Ø 300 x 100 |
| Wheel dimension, drive wheel side | mm | Ø 350 x 128 |
| Number of wheels, fork side | | 4 |
| Number of wheels, drive wheel side | | 2 |
| Travel speed, without/with rated load | km/h | 12.0/10.0 |
| Service brake | | electric |
| Parking brake | | electro-mechanical |
| Main lifting speed, without/with rated load | m/s | 0.45/0.40 |
| Auxiliary lifting speed, without/with rated load | m/s | 0.25/0.20 |
| Combined lifting speed, without/with rated load | m/s | 0.60/0.70 |
| Main lowering speed, without/with rated load | m/s | 0.40/0.40 |
| Auxiliary lowering speed, without/with rated load | m/s | 0.30/0.30 |
| Combined lowering speed, without/with rated load | m/s | 0.60/0.60 |
| Drive motor rating (S2 60') | kW | 2 x 5.5 |
| Lift motor rating (S3 25%) | kW | 14.0 |
| Main lift, additional hydro-gas power | kW | 7.0 |
| Auxiliary motor rating (S3 20%) | kW | 7.6 |
| Battery weight | kg | 1790 |
| Battery (5h discharge) | V/Ah | 48/1200 |
| Battery (5h discharge) | kWh | 57.6 |
| Steering system | | electro-hydraulic power steering |
| Speed control | | Variable AC |

1) $h_{23} = 9280$ mm

| Dimensions, mm | VCE125ASF | |
|-----------------|---|-----------------|
| y | Wheel base | 1655 |
| b ₁₀ | Track width fork side c/c | 1008/1158/1258 |
| b ₁₁ | Track width rear c/c | 1010 |
| h ₉ | Auxiliary lift movement | 750 |
| h ₁₃ | Height of lowered fork | 350 |
| h ₁₅ | Height of auxiliary lift mast | 1340 |
| l ₁ | Total truck length, without/with load | 4267/4067 |
| l ₂ | Truck length, rear end to centre of forks | 3616 |
| l ₈ | Front axle to boom pivot | 1127/1327/1427 |
| l ₂₂ | Fork carrier back to c/c fork | 550/600/650/750 |
| l ₂₄ | Entrance width, min./max. | 400/620 |
| b ₁ | Chassis width, back | 1270 |
| b ₂ | Chassis width, front | 1270/1420/1520 |
| b ₂₄ | Cab width | 1220-1570 |
| s | Fork thickness | 65 |
| e | Fork width | 180 |
| l | Fork length | 1200-1450 |
| b ₅ | Width across fork | 550 |
| m ₁ | Floor clearance | 60 |
| m ₂ | Floor clearance under auxiliary mast | 40 |
| W _a | Turning radius | 1698 |
| h ₆ | Height of cab | 2544 |
| h ₂₁ | Height of cab inside | 2062 |
| h ₂₂ | Height of cab sides | 900 |
| h ₇ | Instep height | 412 |

| Mast, mm | | VCE125ASF | | | | | | | | | |
|-----------------------|--|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| h₁₂ | Platform height | 4100 | 4700 | 5300 | 6050 | 7400 | 8600 | 9800 | 11000 | 11600 | 12650 |
| h₃ | Lift movement | 3690 | 4290 | 4920 | 5640 | 6990 | 8190 | 9380 | 10590 | 11190 | 12240 |
| h₂₀ | Picking height | 5700 | 6300 | 6900 | 7650 | 9000 | 10200 | 11400 | 12600 | 13200 | 14250 |
| Standard Auxiliary | | | | | | | | | | | |
| h₂₃ | Total lift height ²⁾ | 4790 | 5390 | 5990 | 6740 | 8090 | 9290 | 10490 | 11690 | 12290 | 13340 |
| h₁ | Height of truck, min. | 2790 | 2960 | 3160 | 3460 | 3960 | 4460 | 4960 | 5460 | 5660 | 6040 |
| h₄ | Height of truck, max. | 6230 | 6830 | 7430 | 8180 | 9530 | 10730 | 11930 | 13130 | 13730 | 14780 |

2) $h_{23} = h_3 + h_9 + h_{13}$



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. Datas are based on VDI 2198.



- Articulated steering for maximum use of storage space, fast aisle changes and ease of driving.
- Twin drive units and low truck weight gives fast acceleration and quick braking.
- An advanced lift system combines proven regenerative technologies with a unique load balance system.
- A clear-view cab lets the operator easily see the forks, load and racking.
- An Integrated Control Panel gives the operator full fingertip control of the truck.

| Truck features | VCE125ASF |
|-------------------------------------|-----------|
| BT Advanced lifting system (ALS) | S |
| Elevating platform | S |
| Wire/rail guidance | O |
| Controls and instruments | |
| Electronic height indicator | S |
| Power/electronic steering | S |
| Steering direction indicator | S |
| Sideshift | O |
| Camera/monitor system | O |
| Driving features | |
| Automatic deceleration | S |
| Electronic braking system | S |
| Electronic speed control | S |
| Safety features | |
| Automatic parking brake | S |
| BT Optipace system | S |
| Clear view mast | S |
| Electronic support arm brakes | O |
| Drivers compartment features | |
| Adjustable seat | S |
| Adjustable steering wheel | S |
| Low step-in | S |
| Writing table | O |
| Maintenance features | |
| Fault diagnosis facility | S |
| History fault log | S |
| Battery management features | |
| Battery status indicator | S |
| Battery discharge prevention system | S |
| Sideways battery change | S |
| Special applications | |
| Coldstore version | O |

S = Standard feature

O = Optional feature

— = Not available