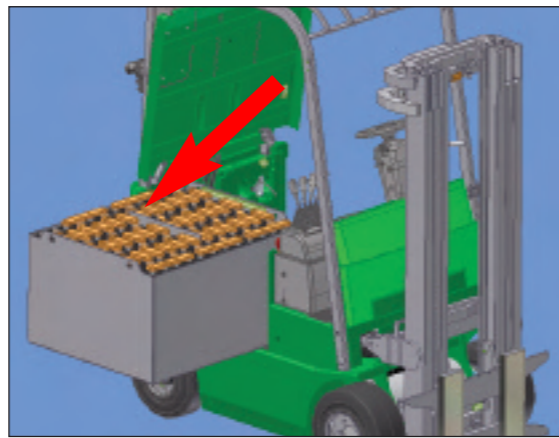




The ergonomic cab features the highest standards in operator comfort, safety and ease of access. The proportional electronic controls integrated in the new (optional) armrest enable the operator to manage all the hydraulic functions by simply moving the Mini-Joystick or Fingertips levers.



The cenTAURO range is available with new-concept 2 or 3 stage masts. The high visibility masts offer excellent visibility thanks to the placing of the lifting cylinders, in line with the mast profiles.



The optional lateral battery extraction allows battery change times to be minimised, optimising the truck's productivity.

At Your Local Dealer

Options

- Electronic Fingertips / Mini-Joystick controls fitted on the armrest.
- Foldable armrests.
- Lateral battery extraction.
- Cab.
- Working lights.

Cesab Ltd:

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cenTAURO 80 250 300

The new CESAB cenTAURO 80 250 300 AC Technology range is an extremely compact four wheel truck combining excellent manoeuvrability with all the advantages of AC motor control technology. The range comprises models with lifting capacities from 2500 Kg to 3000 Kg and lift heights up to 6100 mm.

Lifting and hydraulic functions are powerful and progressive thanks to a high power AC hydraulic pump motor enabling frequent lifting to high levels.

AC technology utilises components that are designed to cope with rapid direction changes ensuring smooth acceleration and braking and outstanding efficiency. AC technology also provides exceptional driver control on ramps and gradients with electronic braking eliminating roll back without the need for engaging the brakes. The CAN-BUS system simplifies the electrical system by significantly reducing the wiring and increases the flexibility of the truck control system. Low power consumption and the capability for using high capacity batteries gives the range exceptional autonomy of operation.

The new concept steering axle makes acute steering angles possible and is mounted on silent blocks for improved operator comfort and quieter operation.

Operator comfort is maximised with the standard fitment of a fully adjustable, full suspension seat together with an adjustable steering column. The park brake lever is within easy reach and the raised driving position provides the operator with excellent visibility of the load and the area around the truck for safe manoeuvring.

The AC drive technology also comes into effect during braking, increasing the lifetime of components and considerably reducing braking system servicing costs.

Compact electric counterbalanced trucks

Easy to handle,
great visibility in use

AC Technology



VDI 2198

| | | CESAB | CESAB |
|--------------------|----------------------------------|---|--|
| | | CenTAURO 80 250 | CenTAURO 80 300 |
| Characteristics | 1.1 | Manufacturer | CESAB |
| | 1.2 | Model designation | CenTAURO 80 250 |
| | 1.3 | Power unit: electric (battery), diesel, petrol, LPG | electric |
| | 1.4 | Operation: manual, pedestrian, stand-on, driver seated | driver seated |
| | 1.5 | Load capacity | 2500 |
| | 1.6 | Load centre | 500 |
| Weights | 1.8 | Axle centre to fork face | 442 (a) |
| | 1.9 | Wheel-base | 1390 |
| | 2.1 | Weight | 4830 |
| Wheels and chassis | 2.2 | Axle load with load, front/rear | 6350 / 980 |
| | 2.3 | Axle load without load, front/rear | 2175 / 2655 |
| | 3.1 | Tyres: C=Cushion, SE=Superelastic, PN=Pneumatic, TW=Twin | C - SE - PN - SETW - PNTW |
| | 3.2 | Tyre size, front | 559x203 - 23x9-10 - 23x9-10 - 6.50-10 - 6.50-10 |
| | 3.3 | Tyre size, rear | 457x152 - 18x7-8 - 18x7-8 / NO - NO |
| | 3.5 | Wheels, number front/rear (x = driven) | 2x-4x / 2 |
| | 3.6 | Track width, front | 929 - 938 - 938 - 1175 - 1175 |
| Dimensions | 3.7 | Track width, rear | 852 - 860 - 860 / NO - NO |
| | 4.1 | Mast tilt, forward/backward | 2° 30' / 6° |
| | 4.2 | Height of mast, lowered | 2225 |
| | 4.3 | Free lift | - |
| | 4.4 | Lift height | 3160 |
| | 4.5 | Height of mast, extended | 3829 |
| | 4.7 | Height of overhead guard | 2307 |
| | 4.8 | Height of driver's seat | 1231 |
| | 4.12 | Towing coupling height | 415 |
| | 4.19 | Overall length | 3152 |
| | 4.20 | Length to fork face | 2152 (a) |
| | 4.21 | Overall width | 1112 - 1145 - 1145 / 1490 - 1490 |
| | 4.22 | Fork dimensions | 40 x 120 x 1000 |
| | 4.23 | Fork carriage to DIN 15173, class/form A, B | II A |
| Performance | 4.24 | Width of fork carriage | - |
| | 4.31 | Floor clearance, mast (with load) | 103 |
| | 4.32 | Floor clearance, centre of wheel-base (with load) | 116 |
| | 4.33 | Aisle width with pallets 1000 x 1200 across forks | 3656 (a) |
| | 4.34 | Aisle width with pallets 800 x 1200 along forks | 3856 (a) |
| | 4.35 | Turning radius | 2014 |
| | 4.36 | Minimum distance between the centres of rotation | - |
| | 5.1 | Travel speed, with/without load | 16 / 16.5 |
| | 5.2 | Lifting speed, with/without load | 0.34 / 0.47 |
| | Electric motor | 5.3 | Lowering speed, with/without load |
| 5.5 | | Tractive force, with/without load | 6700 / 7100 |
| 5.6 | | Maximum tractive force, with/without load, S2 5 minute rating | 12200 / 12700 |
| 5.7 | | Climbing ability, with/without load, S2 30 minute rating | 7.6 / 10 |
| 5.8 | | Maximum climbing ability, with/without load, S2 5 minute rating | 15.2 / 22.8 |
| 5.9 | | Acceleration time, with/without load | - |
| 5.10 | | Service brake: mechanical/hydraulic/electric/pneumatic | hydraulic |
| 6.1 | | Drive motor, S2 60 minute rating | 14 |
| 6.2 | | Lift motor, S3 15% rating | 14 |
| Others | | 6.3 | Battery according to DIN 43531/35/36 A, B, C, NO |
| | 6.4 | Battery voltage/rated capacity (5 h) | 80 / 540 - 630 |
| | 6.5 | Battery weight | 1653 |
| | 6.6 | Energy consumption in acc. with VDI-cycle | - |
| | 8.1 | Type of drive control | AC MOSFET |
| 8.2 | Working pressure for attachments | 150 | |
| 8.3 | Oil flow for attachments | - | |
| 8.4 | Noise level at driver's ear | - | |
| 8.5 | Towing coupling, design/type DIN | - | |

(a) With side shift = +34 mm



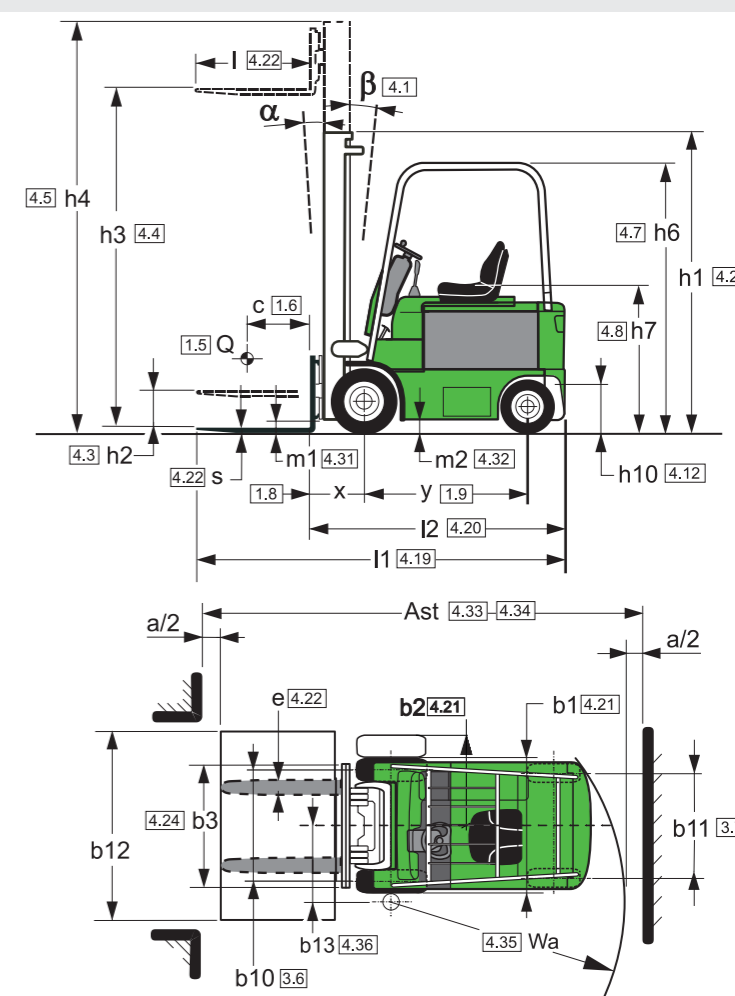
Excellent access to the driving seat, assisted by the large, conveniently located step with non-slip knurled aluminium tread.



The new concept steering axle makes acute steering angles possible and is mounted on silent blocks for improved operator comfort and quieter operation.



The electronic control unit, which is installed in the protected internal compartment, enables immediate access for programming and diagnostics. The truck performance characteristics can be adjusted to suit the working application and individual drivers needs.



| Masts specifications (2500 Kg) | | | | | | | |
|--------------------------------|----------------------------|-------------|------|------|-------------|------|------|
| Mast, mm | | Duplex | | | Duplex FFL | | |
| h3 | Lift height | 3160 | 3660 | 4160 | 3160 | 3660 | 4160 |
| h1 | Height of mast, lowered | 2225 | 2475 | 2725 | 2225 | 2475 | 2725 |
| h2 | Free lift | 0 | 0 | 0 | 1556 | 1806 | 2056 |
| h4 | Height of mast, extended | 3829 | 4329 | 4829 | 3829 | 4329 | 4829 |
| α / β | Mast tilt forward/backward | 2° 30' / 6° | | | 2° 30' / 6° | | |

| Masts specifications (2500 Kg) | | | | | | | |
|--------------------------------|----------------------------|-------------|------|------|-------------|------|------|
| Mast, mm | | Triplex | | | Triplex FFL | | |
| h3 | Lift height | 4965 | 5565 | 6060 | 4960 | 5560 | 6060 |
| h1 | Height of mast, lowered | 2325 | 2525 | 2725 | 2325 | 2525 | 2725 |
| h2 | Free lift | 0 | 0 | 0 | 1656 | 1856 | 2056 |
| h4 | Height of mast, extended | 5635 | 6235 | 6765 | 5629 | 6226 | 6729 |
| α / β | Mast tilt forward/backward | 2° 30' / 6° | | | 2° 30' / 6° | | |

| Masts specifications (3000 Kg) | | | | | | | |
|--------------------------------|----------------------------|-------------|------|------|-------------|------|------|
| Mast, mm | | Duplex | | | Duplex FFL | | |
| h3 | Lift height | 3160 | 3660 | 4160 | 3160 | 3660 | 4160 |
| h1 | Height of mast, lowered | 2225 | 2475 | 2725 | 2225 | 2475 | 2725 |
| h2 | Free lift | 0 | 0 | 0 | 1552 | 1802 | 2052 |
| h4 | Height of mast, extended | 3833 | 4333 | 4833 | 3833 | 4333 | 4833 |
| α / β | Mast tilt forward/backward | 2° 30' / 6° | | | 2° 30' / 6° | | |

| Masts specifications (3000 Kg) | | | | | | | |
|--------------------------------|----------------------------|-------------|------|------|-------------|------|------|
| Mast, mm | | Triplex | | | Triplex FFL | | |
| h3 | Lift height | 4965 | 5565 | 6060 | 4960 | 5560 | 6060 |
| h1 | Height of mast, lowered | 2325 | 2525 | 2725 | 2325 | 2525 | 2725 |
| h2 | Free lift | 0 | 0 | 0 | 1652 | 1852 | 2052 |
| h4 | Height of mast, extended | 5638 | 6238 | 6765 | 5633 | 6233 | 6733 |
| α / β | Mast tilt forward/backward | 2° 30' / 6° | | | 2° 30' / 6° | | |