

CESAB Electric Counterbalanced Trucks

The Cesab B Range



Cesab B200II

24-VOLT 3-WHEEL TRUCK



Compact design ideal in
space-restricted areas

1.0 – 1.5 TONNES LOAD CAPACITIES
TRAVEL SPEED UP TO 12.5 KM/H
BATTERY CAPACITY UP TO 875 AH

P. 2-5

Cesab B3 B4

48-VOLT 3 & 4-WHEEL TRUCK



Versatile all-round trucks for light
to more intense use

1.5 – 2.0 TONNES LOAD CAPACITIES
TRAVEL SPEED UP TO 20 KM/H
BATTERY CAPACITY UP TO 750 AH

P. 6-13

Cesab B3 B4 Lithium-ion

48-VOLT 3 & 4-WHEEL TRUCK



Trucks with integrated li-ion battery offering
class-leading ergonomics for light
to intense operations

1.6 – 2.0 TONNES LOAD CAPACITIES
TRAVEL SPEED UP TO 20 KM/H
BATTERY CAPACITY UP TO 420 AH

P. 14-17



CESAB

B3 - 3 WHEELS

B3

Manoeuvrability is key to the design of the B3 3-wheel electric counterbalanced truck. It offers exceptional agility and a narrow aisle width, ensuring smooth operation. Whether navigating narrow pallet racking indoors or handling tasks in the yard or loading bay, the B3 offers seamless versatility while offering drivers maximum comfort. The Cesab B3 standard range is available with conventional lead-acid battery (LAB) or lithium-ion battery (LIB) allowing for energy-efficient operations.

SPECIFICATIONS

Load capacity: 1.5, 1.6, 1.8, 2.0 t @ 500 mm load centre

Maximum lift height: 7.5 m

Maximum travel speed: 16 km/h

Choice of energy solution: Lead-acid (up to 750Ah), Lithium-ion (up to 630Ah)

Options available:   

isd
intelligent stability design





Different pedal layouts are available to fit drivers' preferences. Double accelerator pedals allow the operator to change driving direction with the feet.



The conventional model can be equipped with lithium-ion battery. An easy access to battery plug on lateral door allows for easy, quick and safe opportunity charging.



LED front combination lights improve safety in the workplace and allow to work efficiently in unlit areas and/or at night.



Increasing driver comfort with the new tiltable and telescopic steering column, which enhance the space for the operator.

● standard ○ option

Load handling

	Safety	Robustness	Performance	Operability	B3-15	B3-16	B3-16L	B3-18	B3-18L	B3-20
Wide Visible Mast (V)	●				●	●	●	●	●	●
Full-free (twin cylinder) 2-stage mast (FW) - IMD					○	○	○	○	○	○
Full-free (twin cylinder) 3-stage mast (FSW) - IMD					○	○	○	○	○	○
Full-free (central cylinder) 2-stage mast (FV)					○	○	○	○	○	○
Full-free (central cylinder) 3-stage mast (FSV)					○	○	○	○	○	○
Fully oil-charged lift cylinder					○	○	○	○	○	○
Shockless landing lift		●			●	●	●	●	●	●
Hydraulic cushioned forks					○	○	○	○	○	○
Hydraulic accumulator (full charge)					○	○	○	○	○	○
Integrated sideshift					○	○	○	○	○	○
Fork positioner					○	○	○	○	○	○
Quick couplings					○	○	○	○	○	○

Lights and indicators

	Safety	Robustness	Performance	Operability	B3-15	B3-16	B3-16L	B3-18	B3-18L	B3-20
LED front combination lights	●	●			○	○	○	○	○	○
LED rear combination lights					○	○	○	○	○	○
LED headlights					○	○	○	○	○	○
LED rear/double working light					○	○	○	○	○	○
Blue LED rear warning light					○	○	○	○	○	○
Yellow beacon (Flashing, Rotary)					○	○	○	○	○	○
Back-up buzzer					○	○	○	○	○	○
Horn in armrest	●				●	●	●	●	●	●

Body

	Safety	Robustness	Performance	Operability	B3-15	B3-16	B3-16L	B3-18	B3-18L	B3-20
Low and large step on left side + large hand grip	●	●			●	●	●	●	●	●
Electric Power steering inc. Steering synchroniser	●				●	●	●	●	●	●
Digital multifunction display with wheel indicator					●	●	●	●	●	●
Multifunction touchscreen display					○	○	○	○	○	○
Mast tilt indicator					○	○	○	○	○	○
Load weight indicator					●	●	●	●	●	●
Adjustable tilt steering column					●	●	●	●	●	●
Wet disk brakes					●	●	●	●	●	●
Rear view mirror, left and right side					○	○	○	○	○	○
Flat/Panoramic internal rear view mirror					○	○	○	○	○	○
Seat mounted hydraulic minilevers inc. Fork levelling switch					●	●	●	●	●	●
Seat mounted Multifunction Lever inc. Fork levelling switch					○	○	○	○	○	○
Multifunction Joystick					○	○	○	○	○	○
Car pedal layout with wide brake pedal					●	●	●	●	●	●
D2 pedal					○	○	○	○	○	○
Adjustable telescopic steering column					●	●	●	●	●	●
Full floating driver's compartment	●	●			●	●	●	●	●	●

● standard ○ option

Body

	Safety	Robustness	Performance	Operability	B3-15	B3-16	B3-16L	B3-18	B3-18L	B3-20
Battery door opening sensor	●				○	○	○	○	○	○
Double accel pedal					○	○	○	○	○	○
ORS seat (Operator Restrain System)					●	●	●	●	●	●
Fully adjustable fabric ORS seat					○	○	○	○	○	○
Shock sensor					○	○	○	○	○	○
Height selector					○	○	○	○	○	○
Pin code entry system					○	○	○	○	○	○
Automatic Parking Brake	●				●	●	●	●	●	●
Heater					○	○	○	○	○	○
Tilt cylinder boots					○	○	○	○	○	○
Steel cabin	●				○	○	○	○	○	○
Cabin without doors					○	○	○	○	○	○
Canvas cabin					○	○	○	○	○	○
Front windshield with wiper & roof					○	○	○	○	○	○
Body guard					○	○	○	○	○	○
Rear assist grip with horn button	●				○	○	○	○	○	○

Safety features

	Safety	Robustness	Performance	Operability	B3-15	B3-16	B3-16L	B3-18	B3-18L	B3-20
Cesab ISD (Intelligent Stability Design)	●	●			●	●	●	●	●	●
Operator Presence Sensing System (OPS)					●	●	●	●	●	●
Max speed and acceleration reduction with lifted load					○	○	○	○	○	○
Emergency stop button in armrest	●				●	●	●	●	●	●

Maintenance & management features

	Safety	Robustness	Performance	Operability	B3-15	B3-16	B3-16L	B3-18	B3-18L	B3-20
Rugged exterior body and easy access for maintenance		●			●	●	●	●	●	●

Battery management features

	Safety	Robustness	Performance	Operability	B3-15	B3-16	B3-16L	B3-18	B3-18L	B3-20
Lateral battery extraction with open bottom chassis			●		●	●	●	●	●	●

Special applications

	Safety	Robustness	Performance	Operability	B3-15	B3-16	B3-16L	B3-18	B3-18L	B3-20
Cold storage model (TYPE 30S)		●			○	○	○	○	○	○
Rustproof model					○	○	○	○	○	○
Fisherman model					○	○	○	○	○	○
Drive in rack overhead guard					○	○	○	○	○	○
High overhead guard					○	○	○	○	○	○
Low overhead guard					○	○	○	○	○	○

Unparalleled performance

The StaminaTune from Cesab enables energy consumption reduction and enhanced performance thanks to the combination of IPM (Interior Permanent Magnet) synchronous motor for traction and our advanced controllers. Additionally, the optional high-performance motor for lifting allows for extra productivity and extra energy efficiency.

Driver comfort

Operator comfort is key to maximising productivity. The Cesab B3 features a fully floating driver compartment that reduces vibrations. Operators can enjoy a comfortable driving position with extra leg and foot space, a slim steering wheel, and an optional intuitive touchscreen that provides important information at a glance. Additionally, the design offers open visibility through the roof and mast.

Energy efficiency

Cesab B3 electric trucks offer various energy packs (Lead-acid, Lithium-ion, and Fuel cell) to suit different application needs. Cesab's lithium-ion batteries provide exceptional battery life and fast opportunity charging, eliminating the need for battery changes in multi-shift operations. The high-performance version is the most energy-efficient, reducing energy consumption by up to 18% (versus previous model).

ISD - Intelligent Stability Design

All B3 electric trucks are standard equipped with Cesab's unique Intelligent Stability Design (ISD). It ensures excellent forklift stability by protecting the operator and load when driving, turning and lifting. ISD provides advanced technology increasing safety and improving productivity.

IMD - Intelligent Mast Design

All B3 electric trucks are available with Cesab's unique Intelligent Mast Design technology, which provides an industry leading level of visibility through the use of two off-set free lift cylinders. Further all piping, hoses and cables are integrated within the uprights.

Cesab

Material Handling in Europe

Total coverage

The Cesab Material Handling network extends to over 20 countries in Europe with a big service network.

Always local – with global support

Wherever you are located in Europe, we are always close by, thanks to our extensive local coverage, but with the stability and backup of a worldwide organisation.

Made in Europe

Over 95% of the trucks we sell, are built in our own European factories – all to TPS quality standards – and over 90% of the trucks sold are electrified. Available across Europe, our products are manufactured in France, Italy, and at one of the EU's first 'carbon-free' factories in Sweden. We employ over 3000 production staff throughout Europe and work with over 300 European suppliers.

