

# 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 - B4**    **Li-ION**

The innovative B3 B4 Li-Ion with integrated lithium-ion battery are available in both 3 (1.6t and 2t) and 4-wheels (2t), delivering outstanding energy efficiency for both indoor and outdoor operations. The overall design and enhanced driver compartment offer class-leading comfort and ergonomics as well as high levels of productivity. The Cesab in-house lithium-ion technology enables low energy consumption, minimising downtime for seamless and cost-effective operations.

## SPECIFICATIONS

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

**Maximum lift height:** 7.5 m

**Maximum travel speed:** 20 km/h

**In-house lithium-ion batteries available:** 300 and 420Ah

**Options available:**   



**isd**  
Intelligent stability design



Drivers of differing sizes can be comfortably seated thanks to the extra foot and leg space, slim steering column, and adjustable seating position.



StaminaTune from Cesab with the IPM (Interior Permanent magnet) motor combined with our advanced controllers, delivers enhanced performance, while minimising energy consumption.



Maintenance is hassle-free with easy access to key components, ensuring reduced service cost and minimal downtime.



Li-ion connector is easily accessible at the back of the truck, integrated in the counterweight which allows for quick opportunity charging, maximising up-time.

● standard ○ option

**Load handling**

	Safety	Robustness	Performance	Operability	B3-16-Li	B3-20-Li	B4-20-Li
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	B3-16-Li	B3-20-Li	B4-20-Li
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	B3-16-Li	B3-20-Li	B4-20-Li
Low and large step on left side + large hand grip	●	●	●		●	●	●
Electric Power steering inc. Steering synchronizer			●		●	●	●
Hydraulic steering wheel					○	○	○
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 brake pedal					●	●	●
D2 pedal					○	○	○
Adjustable telescopic steering column					●	●	○
Full floating driver's compartment					●	●	●
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		●			○	○	○

● standard ○ option

**Body**

	Safety	Robustness	Performance	Operability	B3-16-Li	B3-20-Li	B4-20-Li
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	B3-16-Li	B3-20-Li	B4-20-Li
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	B3-16-Li	B3-20-Li	B4-20-Li
Rugged exterior body and easy access for maintenance		●				●	●

**Battery management features**

	Safety	Robustness	Performance	Operability	B3-16-Li	B3-20-Li	B4-20-Li
Easy access for charging plug on the counterweight			●			●	●

**Special applications**

	Safety	Robustness	Performance	Operability	B3-16-Li	B3-20-Li	B4-20-Li
Cold storage model (TYPE 30S)		●	●		○	○	○
Rustproof model					○	○	○
Fisherman model					○	○	○
Drive in rack overhead guard					○	○	○
High overhead guard					○	○	○
Low overhead guard					○	○	○

**Designed around Li-Ion**

Cesab engineers did a tremendous work to integrate the li-ion battery, and other features in the design of the truck to make operators's daily task, even more ergonomic. This unique design creates more leg & feet space.

**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.

**Lithium-ion Energy**

Our B3 B4 Li-Ion models, with an in-house integrated lithium-ion batteries offering very short charging time, suitable for high energy demanding applications or 2 shifts operations without battery charging. The li-ion connector is easily accessible at the back of the truck, integrated in the counterweight for quick and easy opportunity charging.

**ISD - Intelligent Stability Design**

All B3 B4 Li-Ion 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 B4 i-Ion 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.