

CESAB B600 2.0 – 3.5 tonne

80V Electric Forklifts



Class leading performance with zero emissions

ZERO
emissions

CESAB



ZERO
EMISSIONS

Powerful zero emissions electric motors

isd
intelligent stability design

Improves workplace safety, increases productivity.

imd
intelligent mast design

Delivers industry leading levels of visibility and durability



All new design, all new levels of productivity

- Load capacities from 2.0 to 3.5 tonnes
- Powerful 80V electric motors with zero emissions
- Class leading energy efficiency
- Intelligent Mast Design with industry leading forward visibility

The all-new Cesab B600 range redefines the performance of heavy duty electric forklifts. Available in load capacities from 2.0 to 3.5 tonnes, the new B600 range combines powerful 80V motors with class leading energy efficiency to deliver all-day productivity, yet with zero emissions. The option of the latest lithium-ion battery technology allows opportunity charging while operators take their breaks, extending performance beyond the typical 8 hour shift.

The combination of a lower centre of gravity and larger counterweights means the Cesab B600 range also delivers best-in-class performance in terms of stability, with up to 42.9% greater residual capacity than

previous B600 models. Not only does this mean greater productivity and safety, it also significantly reduces wear on the mast.

To turn class-leading performance into class-leading productivity the Cesab B600 has a completely new operator compartment. The fully adjustable ergonomic armrest is available with a choice of controls. A new LCD touchscreen makes tailoring truck performance to individual operators as easy as using a smartphone. The screen also provides critical information at-a-glance, including fork load and position, steer wheel position, travel direction and an indication of the path the truck will take based on these parameters.

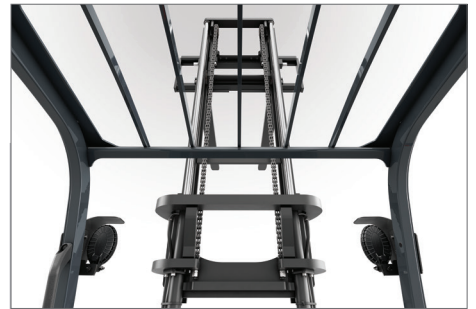
Built to withstand the harshest environments

With its durable 8mm thick frame plates the Cesab B600 is designed to withstand all types of working environments, both indoors and outdoors. A new fully floating driver compartment is mounted on four full-suspension dampers that reduce noise and vibration, reducing operator fatigue for greater productivity and safety.



Excellent visibility in all directions

The all-new operator compartment has been designed to allow excellent 360° visibility. A completely new overhead guard design improves overhead visibility while Cesab's industry leading Intelligent Mast Design has been further improved to improve forward visibility at lorry bed height.



IP54 rating as standard

The Cesab B600 comes with IP54 protection of the drive motors as standard. The High Performance models also offer IP54 protection for the lift motor. For specialist environments the Cesab B600 range is also available in Cold Store and Fisherman's specifications for even greater protection.



Engineered to perform indoors and out

As well as offering performance to rival a diesel or gas truck, the new Cesab B600 delivers the lowest vibration and noise levels of any forklift in its class. Not only does this result in reduced operator fatigue, improving safety and productivity, it also helps to reduce wear and tear and ensures your business benefits from maximum uptime.

The Cesab B600 has been engineered to deliver its class-leading performance both indoors and out. Using a new generation traction motor and traction control software, the B600 range delivers increased gradeability on ramps or sloping surfaces. An automatic parking brake

is standard on all B600 models. On level surfaces the brake is applied automatically when the truck comes to a standstill, disengaging when the operator selects a travel direction. On ramps, the brake is applied automatically as soon as the operator takes their foot off the accelerator.

Easier access to the main components help reduce service times, further improving uptime.

Perhaps best of all, the Cesab B600 lets you enjoy all this class leading productivity alongside significantly reduced energy costs.

- Class leading load stability
- Intelligent Stability Design improves safety and productivity
- Manufactured using the renowned TPS**

** Toyota Production System



Fully floating operator cabin

Mounted on four full-suspension dampers, the fully-floating operator compartment reduces vibration and noise levels. The result is reduced operator fatigue and improved safety and productivity.



Productivity without compromising safety

Intelligent Stability Design actively monitors key parameters to help prevent lost loads and accidents, while Intelligent Mast Design provides industry leading levels of forward mast visibility.



Ergonomic controls with LCD touchscreen

The new optional LCD touchscreen is integrated into the ergonomic armrest for easy use and excellent visibility. It provides at-a-glance indication of key parameters such as load weight, height and fork tilt.



Tailored local dealer service support

CESAB customers benefit from the tailored, personal service of a local dealership backed up by the support of a leading European manufacturer.

Class leading energy efficiency delivers all day performance

ZERO
emissions
Li-ION

The Cesab B600 range means achieving zero emissions no longer requires compromising on performance. Even around-the-clock materials handling operations can now enjoy the significantly lower energy costs of our zero emissions electric forklifts.



Opportunity Charging

With the option of the latest lithium-ion battery technology, trucks can be opportunity charged while operators take their meal breaks. Charging is as simple as connecting in the automotive style charging plug.

Quicker Battery Changes

For applications where lead acid batteries are used, batteries can be swapped in minutes thanks to the open chassis design.





CESAB believe that the mast is key to safe and productive materials handling and has brought together a team of specialist engineers, designers and production specialists to create Intelligent Mast Design (IMD). The result is industry levels of visibility and durability that translate into a safer, more productive forklift. IMD masts are available as an option on all B600 models.



Superior visibility

Two full free lift (FFL) cylinders provide excellent operator visibility, allowing fast and accurate stacking operations as well as loading and unloading. The 3rd and 4th ways are integrated into the mast to further optimise visibility as well as providing protection to the hoses.



High strength, higher performance

The mast is manufactured using an optimised welding process. This results in higher performance in terms of both longevity (less stress and wear on the mast) and durability (greater protection against damage due to overload).



Reduced noise and vibration, more comfort

A hydraulic brake effect at lifting and lowering end stroke makes for smoother operation. This contributes to stability and a more comfortable working environment. Two FFL cylinders reduce vibration compared to single cylinder designs.

Industry leading mast technology, industry leading safety



Around a quarter of forklift accidents are caused by sideways tip over. CESAB's Intelligent Stability Design (ISD) actively monitors key parameters of the truck's performance to pre-empt accidents such as these and take corrective action.

Swing Lock Cylinder

If the ISD system detects instability during a turn the patented Swing Lock Cylinder locks the rear axle to reduce the chance of tip over.

Fork Levelling Control

With CESAB's ISD, levelling the forks is as easy as pushing a button. This results in quicker and safer operation even when the forks are at height.

Mast Tilt and Speed Controls

Mast load and speed are constantly monitored during forward and rear tilting to prevent injury to the operator and lost loads.

Active Steering Synchronisation

ISD eliminates hydraulic steering slippage. The steering wheel is always aligned with the rear wheels, so the operator knows which direction the truck will move.

CESAB B600 Electric Forklift



CESAB B620



CESAB B625



CESAB B625L



CESAB B625HL



CESAB B630



CESAB B630L



CESAB B630HL



CESAB B635

Model	CESAB B620	CESAB B625	CESAB B625L	CESAB B625HL	CESAB B630	CESAB B630L	CESAB B630HL	CESAB B635
Power unit	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric
Load capacity Q (t)	20	25	25	25	30	30	30	35
Load center (mm)	500	500	500	600	500	500	600	500
Standard lift height (mm) [h3]	3300	3300	3300	3300	3345	3345	3345	3345
Travel speed with/without load standard/high speed (Km/h)	16/16 19/20	16/16 19/20	16/16 19/20	16/16 19/20	16/16 19/20	16/16 19/20	16/16 19/20	16/16 19/20
Lifting speed with/without load standard/high speed (m/s)	0.43/0.60 0.46/0.63	0.38/0.60 0.46/0.63	0.38/0.60 0.46/0.63	n/a 0.46/0.63	0.34/0.52 0.40/0.55	0.34/0.52 0.40/0.55	n/a 0.40/0.55	n/a 0.37/0.55
Turning radius (mm) [Wa]	2025	2025	2175	2175	2038	2175	2200	2200



The data in this brochure was determined based on our standard testing conditions. Operating performance may vary depending on the actual specification and condition of the truck as well as the condition of the operating area. Availability and specifications are determined regionally and are subject to change without notice. Please consult your authorised CESAB dealership for further details.
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