



Industry leading mast technology

- Superior visibility
- High strength, higher performance
- Reduced noise and vibration
- Engineered for maximum durability

A forklift truck's mast is the key to achieving maximum productivity without compromising safety. This is why the choice of mast is an integral part of the CESAB design process. The mast is the starting and end points of our forklift truck designs. By working in close partnership with specialist mast designers at our mast factory, CESAB has achieved a range of forklifts that offers industry leading levels of visibility providing enhanced safety, productivity and durability in the process.





Availability and specifications are determined regionally and are subject to change without notice.
Please consult your authorised CESAB distributor for further details. P&S MT 04/11



CESAB Mast Technology



Industry leading visibility and performance







The patented 'Double C' mast profile design is exclusive to the CESAB forklift range and delivers superior performance with reduced maintenance time.



ISO 14001 certified production ensures the highest quality standards.

Smarter design leads to higher performance

- ***Patented 'Double C' mast profile deliver more strength and rigidity***
- ***Machined mast profiles save energy and reduce wear and tear***
- ***Short mast profiles reduces weight and increases compactness***
- ***Quick and easy maintenance of roller pads maximize uptime and reduce costs***

A patented 'Double C' mast profile is exclusive to the CESAB range and delivers more strength and stiffness. The direct benefits to your business are better productivity through reduced cycle times and improved durability thanks to the increased mast strength.

Machined mast profiles have less play, meaning less wasted energy and less wear and tear, and also allow for the use of 'maintenance free' bearings further improving stability and safety.

By creating short mast profiles CESAB has produced a truck that is shorter in length and utilises a

lighter counterweight for reduced truck weight. This not only improves manoeuvrability but also helps to maximize battery charge cycles, ensuring maximum uptime for optimum productivity.

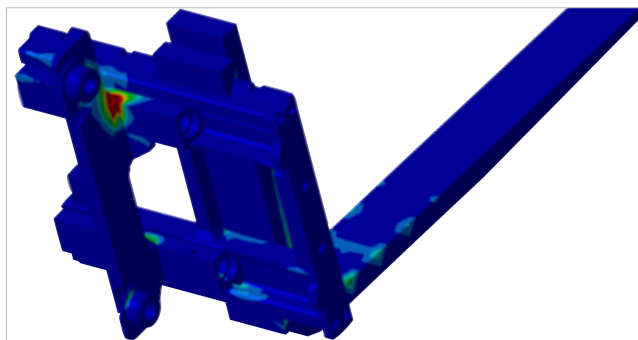
Adjustable rollers' pads allow for quick and easy maintenance, maximising uptime and reducing maintenance costs.

The versatility of CESAB forklifts is enhanced thanks to an external 5th way (electro proportional solenoid valve + pulley) which provides the possibility to fit any device, allowing you tailor performance to your specific needs.



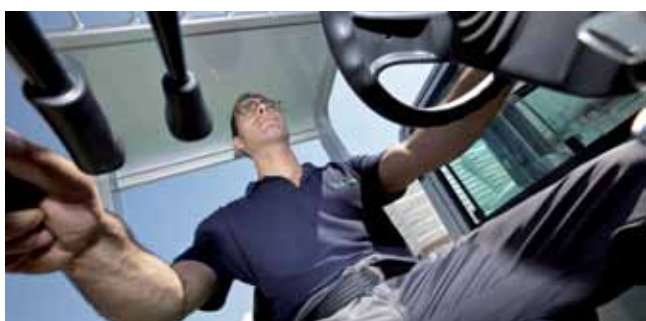
Superior visibility

2 full free lift (FFL) cylinders provide for better 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 improve 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 more durability 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

A hydraulic brake effect at lifting and lowering end stroke makes for smoother operating movements. This improves stability and safety and also contributes to a less fatiguing working environment (less jarring). 2 FFL cylinders reduce vibration compared to single cylinder designs.



Compact and versatile

A mast profile with coaxial pads provides structural strength and stability as well as reducing collapsed height dimensions, making CESAB forklifts suitable for a wider range of applications especially for small and medium enterprises.

CESAB forklifts offer excellent productivity and return on investment as a result of a total design approach. Every aspect of the truck design is considered to ensure synergy between individual components, resulting in maximum reliability and performance.

CESAB has been leading the way in forklift design and innovation for more than 50 years, with its commitment to quality equalled by respect for the environment and the communities in which it operates. CESAB forklifts are designed and manufactured in Europe using the ISO 14001 certified TPS* widely

regarded as one of the world's best manufacturing systems. This ensures the highest quality standards, increased flexibility, shorter delivery lead times and reduced environmental impact through the use of waste free production techniques.

CESAB's strong design and manufacturing heritage and local personalised service through a network of independent dealers ensures that customers get a tailored material handling solution that helps to make their business more profitable.

* Toyota Production System

