



# CESAB R-Series

CESAB R200 48V Narrow Reach Trucks  
CESAB R300 48V Reach Trucks



# Intelligent, dynamic, and hard working. The new CESAB R-Series

CESAB is proud to introduce a range of advanced reach trucks, intelligently designed to deliver maximum productivity. Their exceptional features, driving characteristics and safety will push the boundaries of your material handling operation.

## From 1.4 to 2.5 tonnes

With load capacities ranging from 1400 to 2500 kg, operating lift heights up to 13000 mm and energy efficient powerful AC drive motors, the CESAB R-series represents one of the most advanced reach trucks on the market.

## The CESAB R-Series fits all your needs:

- CESAB R200: Load capacities of 1.4 and 1.6 tonnes
- CESAB R300: Load capacities from 1.4 to 2.5 tonnes
- Superior all-round visibility for the driver
- Ergonomic workspace, adaptable to any morphology
- 360° steering for smooth, fast and save material handling
- Optimal Truck Performance: safe use of the truck's full potential
- Transitional Lift Control for shockless, fast lifting and lowering
- Intelligent Mast Design for superior visibility and safety
- Digital colour display, an innovative new interface
- 900 mm width between support arms on both the R200 and R300

**imd**  
intelligent mast design

IMD – Leading Mast Technology





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# Comfort equals higher productivity

## Ease of operation in every aspect

From a low step height, a slim foldable steering column, an adjustable footplate to a fully adjustable seat and command console, every single part of the workspace is developed with the driver in mind.



Every single part of the cockpit optimises ergonomics and driver comfort.

The new driver seat is fully adjustable up to the angle of the backrest and the length of the seat cushion.

For better durability, a new long-life fabric is more resistant and can be easily changed. The left corner, which can be heavily stressed every time the driver enters or leaves the truck, is reinforced with tough leather.

An optional air suspended version is available for even greater driver comfort.

Driver safety is assured by an optional orange coloured interlocking seatbelt. Drivers need to be seated and buckled-up before the truck can operate.

### Improved steering

A new steering column has a lower profile to create more space for the driver's knees. It also has better palm support for reduced fatigue.

In terms of software, the system has a higher resolution for more precise manoeuvring and a faster response while turning the wheel.

Operators will experience a more responsive and agile CESAB R-Series.

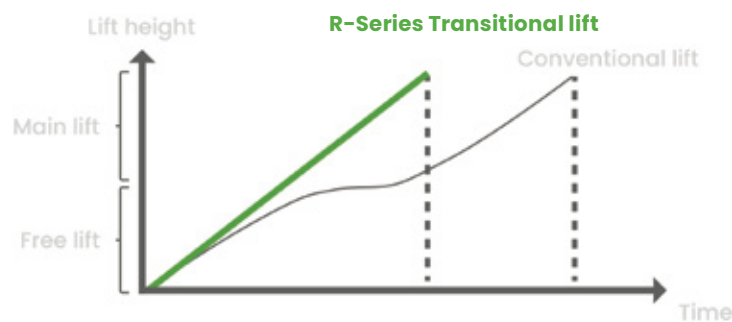


# A new mast generation

For best in class residual capacities

CESAB has completely reviewed its mast design; Higher residual capacities, better stability, lower closed heights, improved visibility. Not one single detail has escaped the attention of CESAB engineers.

## Transitional Lift Control (TLC) – faster and smoother lifting



One of the main features of this new generation mast is Transition Lift Control. During lifting and lowering of the mast, the free lift and main lift move simultaneously to allow a smooth and shockless transition. This also allows much faster lifting and lowering, as the mast moves in one linear stroke.

Besides higher productivity, the driver benefits from greater comfort because no shocks are transferred to the chassis.

## Clear-view mast and fork carriage

The open design of the new R-Series mast allows a perfect view on the load and the forks, even at eye-height.



# Next level communication

## Revolutionary interface

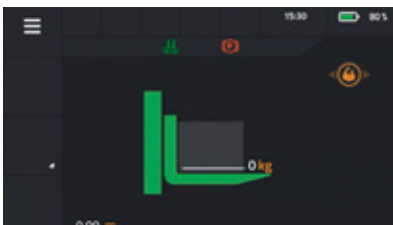


Mini-lever version (fingertip)

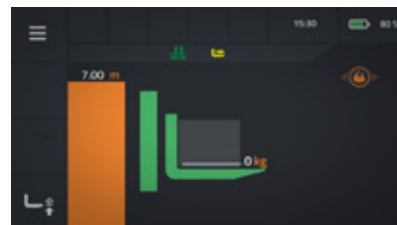


Multifunction joystick version

A large, full colour touch screen connects the driver to the new CESAB R-Series reach truck. As well as personalisation of the truck characteristics, this display continually updates the driver about the load handling. An optional overload warning offers additional safety and minimises the risk of accidents.



Mast, forks, and side shift in neutral position



Forks lifted to 7.00m lift height



Mast reach

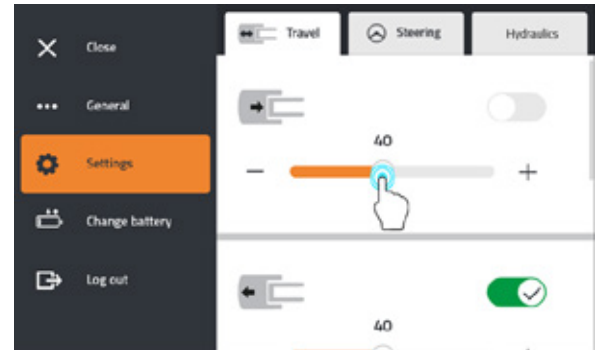


Forks tilted and shifted

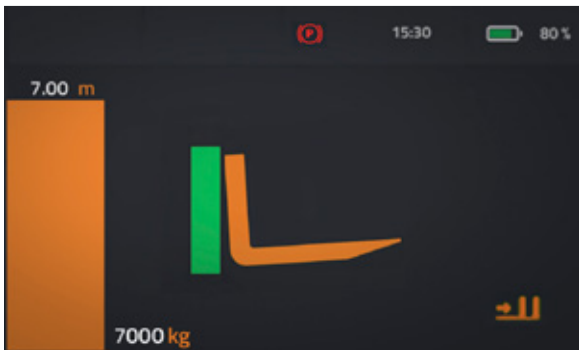
## An intuitive and easy menu allows drivers to adjust the truck to their needs.

Several menu tabs are available, with the selected item adjustable through sliders or, for more precise adjustment, through “+” and “-” buttons.

Once drivers confirm the required setting, they are ready to start operations



## In addition to the main display, two more load indicators are available as options:



### Load Info Display (LID)

Positioned just under the overhead guard, at eye height, this display repeats the load information as shown on the main display.

With the LID, the driver can constantly keep an eye on operations while checking the position of load when needed.

The LID is purely visual and has no touch function.

### Camera monitor:

As an extension of the Load Info Display, the optional monitor adds a view of the forks or the load through a camera mounted on the inside of the forks.

Additionally, load information from the main display is repeated on the right side of the screen.

As for the LID, the camera option is visual only.



# Maximum performance

## Linked to maximum safety

The CESAB R-Series feature Optimised Truck Performance (OTP) as standard. OTP is your driver's guardian angel because it enables them to use the truck to its full potential safely and efficiently.

### Optimised Truck Performance delivers three different features:



- **Optimised corner control**

Optimised corner control automatically adjusts drive speed. It constantly measures the steering angle, the higher the steering angle, the lower the speed. Out of the corner, the speed automatically increases as the steering angle decreases.

This helps the driver to corner as fast as possible while optimising safety.

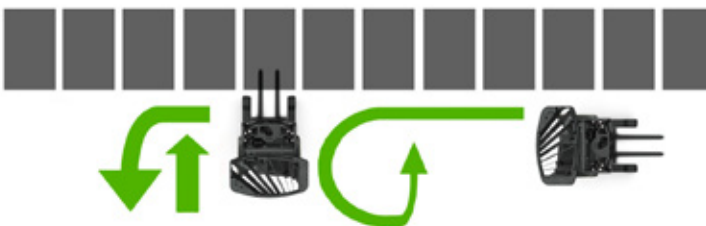
- **Optimised reach control**

Mast sway can be critical, especially at high lift heights. CESAB engineers didn't try to damp or reduce it, but developed a way to prevent it!

Depending on the weight of the load and the lift height, the CESAB R-Series automatically adjusts reach speed..

- **Optimised speed control with reached out mast**

Again, depending on the load weight and lift height, the truck adapts drive speed to prevent mast sway.



- **360° Steering**

360° steering enables smooth, continuous, and fast manoeuvring. The travel direction can be changed in a continuous movement without speed reduction or stops. The overall handling speed is faster than with conventional 180° steering.

Besides a gain in productivity, the 360° steering also means less stress for the driver's arms, wrists and shoulders.



# The CESAB R200 does it better

## 900 mm width between support arms



**The CESAB R200 reach truck offers a unique feature that delivers cost savings and increases capacity in your warehouse**

Slim-fit on the outside, only 1120 mm wide, but 900 mm width between the support arms which enables drivers to pull an 800 mm Euro-pallet between the support arms without lifting.

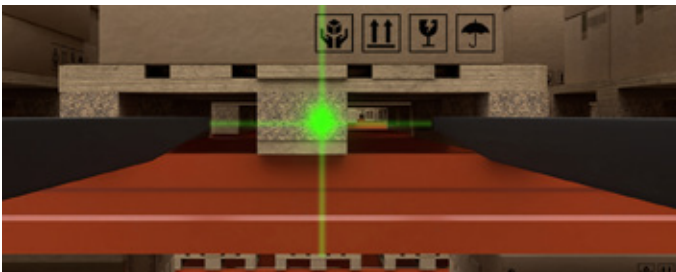
The advantages of this include:

- Less expensive racking as there is no need for a lower layer that compensates for the support arm height
- A gain in stocking capacity and an extra 40 to 50 cm in height
- Drivers gain in performance as they have less handling to place pallets

# Make the CESAB R-Series yours

## With many useful options

We aim to produce not only the best reach trucks on the market but also the most suitable. However, some applications need special adaptation and for that, we have a multitude of options.



### Fork positioning laser

As an option, CESAB offers a fork position laser, which displays a green cross on the racking or pallet for very accurate fork positioning.

### Transparent overhead guard

CESAB customers can choose a transparent overhead guard to further optimise visibility. The window is made from Hammerglass®, a new generation of unbreakable polycarbonate, 300 times stronger than ordinary glass. This is more than strong enough to assure driver safety.



# CESAB R-Series Reach trucks

## The complete package

CESAB's commitment to creating superior products is matched by its drive to deliver unrivalled service and support. Every CESAB customer benefits from a nationwide network of local dealerships.

**Your local CESAB dealer provides a personalised, local service tailored to the specific requirements of your business.**

They will advise on the best choice of equipment to meet your materials handling needs, and on the many options for tailoring your reach truck to the unique demands of your working environment.

**Buying a CESAB reach truck is only the beginning of the support from your nearest dealer, with experienced and fully qualified service engineers only a local call away.**

The on-board diagnostics system and easy access design of the CESAB R-Series makes servicing quick and easy.



**Our service engineers carry all major service parts in their vans, ensuring minimal disruption to your business.**

At CESAB we believe we offer our customers a complete package of the best equipment and the best support. To experience it for yourself call your local CESAB dealership today.

# CESAB R200 & R300 Reach trucks

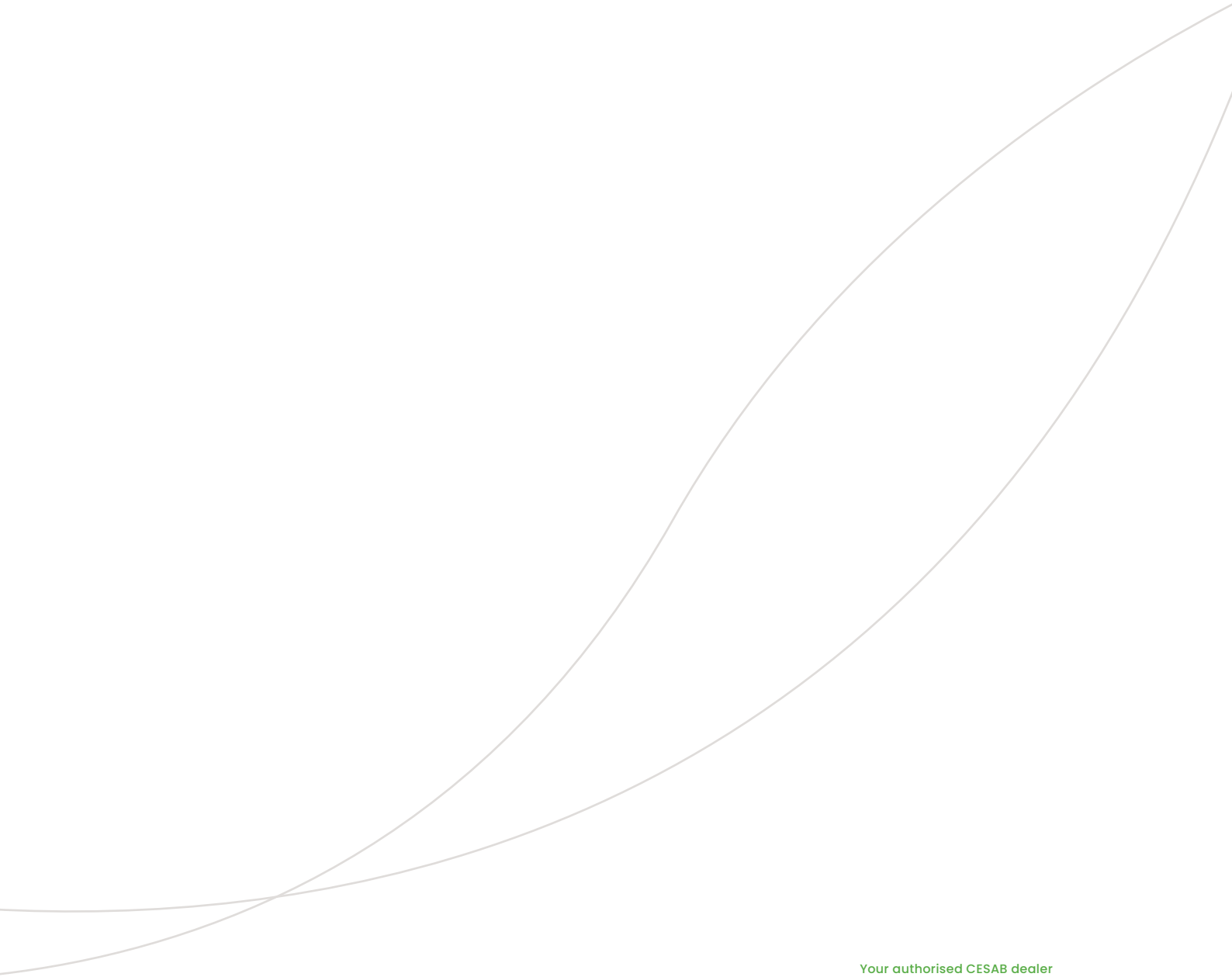
## A complete range

CESAB R200 Reach Truck  
CESAB R300 Reach Truck  
Range



MODEL		CESAB R214	CESAB R216	CESAB R314	CESAB R316	CESAB R318	CESAB R320	CESAB R325
Nominal Capacity	kg	1400	1600	1400	1600	1800	2000	2500
Load Centre	mm	600	600	600	600	600	600	600
Available Mast Types		Triplex Full Free Lift						
Max. Lift Height	mm	10000	10000	11000	11000	13000	13000	13000
Overall width	mm	1120	1120	1270	1270	1270	1270	1270
Width between support arms	mm	900	900	900	900	900	900	900
Travel Speed with/without load	km/h	10,0/11,0	10,0/11,0	10,3/11,0	10,0/11,0	11,0/11,0	11,0/11,0	11,0/11,0
Lifting Speed (Standard) with/without load	m/s	0,38/0,68	0,36/0,68	0,38/0,68	0,36/0,68	0,46/0,68	0,43/0,68	0,37/0,64
Lifting Speed (High Speed) with/without load	m/s	0,57/0,92	0,52/0,92	0,57/0,92	0,52/0,92	---	---	---
Lowering Speed with/without load	m/s	0,59/0,55	0,59/0,55	0,59/0,55	0,59/0,55	0,60/0,59	0,60/0,59	0,58/0,53
Reach Speed with/without load	m/s	0,20/0,28	0,20/0,28	0,20/0,28	0,20/0,28	0,20/0,28	0,20/0,28	0,20/0,28
Turning Radius (Wa)	mm	1604	1604	1573	1657	1717	1777	1837
Drive Motor	kW	9,0	9,0	9,0	9,0	10,5	10,5	10,5
Lift Motor (Standard)	kW	11,0	11,0	11,0	11,0	---	---	---
Lift Motor (High Speed)	kW	15,0	15,0	15,0	15,0	15,0	15,0	15,0

All data is based on standard configuration. Other configurations may give other values. Truck performance and dimensions are nominal and subject to tolerances. Products and specifications are subject to change without notice.



Your authorised CESAB dealer

Pictures may show optional equipment or accessories not included in the standard execution of the truck.

The data in this document 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. R200-R300EN\_2022 / Ucan V02 - Copyright CESAB Material Handling Europe.