CESAB

CESAB O-Series

Low Level Order Pickers, 1.0 – 2.5 tonnes capacity

The difference is more than a green colour

Designed to meet every need of a high-pressure order picking environment, the CESAB O-series delivers productive, ergonomic and safe warehouse operations.

Demonstrating quality in both manufacture and performance, the CESAB O-Series has been built to handle all kinds of tasks at first and second level.

With load capabilities from 1000 to 2500 kg, the O-Series can work with multiple load carriers and carry high numbers of pallets or roll containers. This means O-Series trucks pick more in each picking round, guaranteeing greater productivity and reduced travel over every shift.

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CESAB O-Series

meeting your every need

Because time is of the essence in a warehouse, the CESAB O-Series has been designed for highly efficient picking and increased cycles. **Its fast acceleration and high travel speed mean trucks reach each destination safely and quickly, with less time between each stop**.

Restricted spaces in warehouses are no issue for the CESAB O-Series, thanks to a narrow design that makes these machines easy to operate, even in the smallest or most congested places. Overtaking is simple thanks to a compact build that helps operators make maximum use of every aisle.

CESAB O-Series fits all your needs:

- With picking heights of up to 2.70 metres, the six models in the CESAB O-Series make **first and second level order picking productive, comfortable and safe**.
- A **choice of forks** to suit both pallet and roll container handling.
- The option to power your truck with **24V lead-acid** or **Li-ion batteries**.
- A **P-version** that comes equipped with a platform lift of up to one metre, as well as a foot switch for easy, hands-free lowering.
- An **X-version** that allows forks to be lifted at working height for even more ergonomic picking.
- A **W-version** that gives free access to the load carrier for picking bulkier loads.
- A **perfect 'two in one' picking and stacking solution** with our counterbalanced, hybrid CB-version.

CESAB O-Series

it's all about productivity

As always, productivity was front of mind when we developed the CESAB O-series.

High capacity.

These trucks offer the highest load capacities and allow for flexible use of load carriers. By helping operators use more pallets or roll-containers in each picking round, travel times are reduced, and outputs are higher.

Performance at every level.

Our entry-level machine, the CESAB O125, is built with three wheels to optimise pressure on the drive wheel. By ensuring an excellent grip, this truck can achieve higher acceleration and allow operators to drive safely and efficiently between locations.

Space optimising.

The ultra-compact design of the CESAB O-Series allows for optimum use of warehouse space and easy manoeuvres in picking aisles. An overall width of 790mm makes overtaking or crossing paths simple and stress free for operators.

Organised interior.

The CESAB O-Series offers a shrink film holder as standard and provides plenty of storage compartment space for operators to be organised and efficient.

Tailored settings.

Designed to work with the operator, not the other way around, CESAB O-Series trucks are fully programmable and can be adapted to individual capabilities. From personal settings for top speed and acceleration to individual auto-braking settings, every O-Series machine can be tailored to fit.

Optional off-set drive handle.

An optional off-set drive handle allows the operator to move the truck while walking alongside it. This option lets each individual set a drive speed of between 0 and 4 km/h to achieve the required levels of safety and efficiency.

Regenerative braking.

Regenerative braking lets energy flow back to the battery whenever the operator presses the brake pedal. This energy-saving feature helps each O-Series truck achieve maximum uptime from every battery charge.

CESAB O-Series

because operator comfort matters

Better comfort means better productivity. Order picking is about constantly moving on and off a truck, which can leave even the most dedicated operator fatigued by the end of a shift. The O-Series is designed to make life easier for operators.

Low step height.

At 138mm, the O-Series step offers one of the lowest heights on the market, helping the operator to step on and off with minimal effort, as well as reduce the risk of trips and falls.

Plenty of space.

A large and spacious compartment makes the truck easy to access and helps operators of all sizes to work comfortably on and off the truck.

All-in-one drive handle.

Operating the machine is simple with the O-Series' user-friendly drive handle. This gives the operator control of every operating function, from driving and braking to lifting and lowering, in one spot. Minimising the amount of operator movement needed, this easy-to-use drive handle can even be manoeuvred by one hand if necessary.

Servo assisted steering.

Steering on the truck is servo assisted for stress-free driving throughout a shift.

Corner control.

Smart support on corners means that drive speed is automatically reduced when cornering. This helps the operator to achieve optimum efficiency and stability across the warehouse and throughout their shift.

Optional off-set drive handle.

This makes the operator's job easier by helping them move the truck over short distances while walking along side the truck.

Ergonomic backrest.

Designed to suit all types of operator, the ergonomic backrest offers comfort and support to people working long shifts or covering longer distances. This integrated backrest allows free passing through the driver compartment.

CESAB O-Series
putting safety first

Performance and safety have to go hand in hand when it comes to material handling.

Sturdy build.

The O-Series is built to achieve both goals, with a sturdy chassis construction that creates a barrier around the bottom of the truck. This safety barrier protects both operator and load.

PIN-operated.

An O-Series truck will only start when an authorised person types their PIN-code into the PIN-pad. Each PIN-code can be linked to the truck performance in order to adapt the truck to the user's ability or the environment where the truck operates. By tailoring the operation of the truck to the abilities of each operator, or to the demands of the work area, higher safety and productivity is assured.

Three or four wheels.

Designed to meet different needs, the CESAB O-series is available in three- or four-wheel construction.

For users looking for optimum stability, the four-wheel design is an ideal choice.

In warehouses where stability can be an issue, the four-wheel O-Series is the solution. Four wheels means that more tyre surface is in contact with the ground, which can help operators feel safer and more confident when working at height.

Lower speed at height.

Safety is maximised on CESAB P-version platform trucks thanks to automatic speed reduction when the platforms are raised above a set height.

Automatic braking.

CESAB O-series sensors protect operator and truck throughout picking operations. If the operator tries to dismount the truck while it is moving, automatic braking is applied and steering returned to a neutral, or straight, position immediately.

Platform brake sensor.

If O-Series sensors detect the operator leaving the platform at any point, the parking brake is immediately engaged and the truck secured.

High grip floor.

A non-slip platform floor ensures optimum safety for operators using the platform.

CESAB O-Series
where reliability is key

We understand that, above all, you need a truck that can operate all day, every day.

A clever design and sturdy construction mean that the CESAB O-Series is built for life-long durability and reliability.

Minimal movements.

The drive motor is in a fixed position that makes movement of parts next to impossible. This compact construction helps to prevent stress on the cables and connectors and dramatically reduces the risk of failure.

Few components.

Brushless AC motors have minimum components which makes servicing fast and easy, and the contactless controls experience less wear for a longer life.

Quick diagnostics.

Reliable CAN-bus technology allows for easy truck programming and fast troubleshooting. The MQS (Micro Quadlock System) uses very compact connectors that offer excellent mechanical and electrical abilities, while an onboard diagnostic system uses failure codes to highlight an issue and help the operator and service engineer to resolve it rapidly.

Peak productivity, all day, every day...

CESAB O125 – O125P

The CESAB O125 and O125P are the workhorses of low-level order picking, with a wide range of fork dimensions to fit both pallets and roll-containers.

The P-version offers a one-metre platform lift with a foot switch for hands-free lowering.

MAIN CHARACTERISTICS			CESAB O125	CESAB O125P
Power			Electric	Electric
Operator type			Stand on	Stand on
Load capacity	Q	Kg	2500	2500
Load centre	C	mm	1200	1200
Wheels, Nos. Front/rear (x=driven)			1x +1 / 4	1x +1 / 4
Stand height	h_7	mm	138	138/980
Overall width	b_1	mm	790	790
Clear width driver compartment	l_{24}	mm	450	450
Travel speed with/without load		km/h	8,0/12,0	8,0/12,0
Lift speed with/without load		m/s	0,067/0,094	0,067/0,094
Lowering speed with/without speed		m/s	0,08/0,05	0,08/0,05

CESAB O112 – O112P

With a fork lift of 800 mm, the CESAB O112 and O112P are ideal for picking heavier goods because the operator can lift the forks at working height.

Multiple fork dimensions are available for a wide range of load carriers. The P-version with platform allows a picking height of approximately 2.70 metres.

MAIN CHARACTERISTICS			CESAB O112	CESAB O112P
Power			Electric	Electric
Operator type			Stand on	Stand on
Load capacity	Q	Kg	1200	1200
Load centre	C	mm	1200	1200
Wheels, Nos. Front/rear (x=driven)			1x +1 / 4	1x +1 / 4
Stand height	h_7	mm	138	138/980
Overall width	b_1	mm	790	790
Clear width driver compartment	l_{24}	mm	450	450
Travel speed with/without load		km/h	8,0/12,0	8,0/12,0
Lift speed with/without load		m/s	0,13/0,15	0,13/0,15
Lowering speed with/without speed		m/s	0,22/0,18	0,22/0,18

CESAB O120X – O118XP

The scissor lift X-version models are ideal for applications where forks need to be lifted at working height, when picking heavier or larger goods for example.

The P-version allows the operator to reach 1000mm platform height to pick at the second level (~ 2.7m). Multiple fork dimensions are available.

MAIN CHARACTERISTICS			CESAB O120X	CESAB O118XP
Power			Electric	Electric
Operator type			Stand on	Stand on
Load capacity	Q	Kg	2000/1800*	1800
Load centre	C	mm	1200/1400	1200/1400
Wheels, Nos. Front/rear (x=driven)			1x +1 / 4	1x +1 / 4
Stand height	h_7	mm	138	138/980
Overall width	b_1	mm	790	790
Clear width driver compartment	l_{24}	mm	450	450
Travel speed with/without load		km/h	8,5/12,0	7,0/12,0
Lift speed with/without load		m/s	0,07/0,12	0,07/0,12
Lowering speed with/without speed		m/s	0,12/0,12	0,12/0,12

* 2800 mm fork length @LC 1400 gives 1800 kg nominal capacity

CESAB
O110 – O110W

These models allow the driver and forks to comfortably pick at height.

The platform lifts up to 1.2m, allowing a picking height of up to approximatively 2.7m. The O110 offers a combined fork and platform lift that allows a total lift height of 1.8m. The W-version has no barrier, which enables the handling of bulky goods.

MAIN CHARACTERISTICS			CESAB O110	CESAB O110W
Power			Electric	Electric
Operator type			Stand on	Stand on
Load capacity	Q	Kg	1000	1000
Load centre	C	mm	600	600
Wheels, Nos. Front/rear (x=driven)			1x / 2	1x / 2
Lift height (platform + forks combined)	h_{23}	mm	1880	1100
Stand height	h_7/h_{12}	mm	180/1200	180/1200
Overall width	b_1	mm	790	790
Clear width driver compartment	l_{24}	mm	490	490
Travel speed with/without load		km/h	7,0/12,0	8,0/12,0
Lift speed with/without load		m/s	0,12/0,19	0,12/0,19
Lowering speed with/without speed		m/s	0,33/0,36	0,33/0,36

CESAB O112CB

The CESAB O112CB is a hybrid, two-in-one solution, designed for picking as well as stacking.

This model can be ordered with a simplex or duplex mast and offers adjustable forks that make it suitable for a variety of load carriers.

Lift height, with duplex mast, reaches 4.15m.

With the CESAB O112CB the operator can pick and refill racking with ease.

MAIN CHARACTERISTICS			CESAB O112CB
Power			Electric
Operator type			Stand on
Load capacity	Q	Kg	1200
Load centre	C	mm	500
Wheels, Nos. Front/rear (x=driven)			1x / 2
Max. Lift height (platform + forks combined)	h_{23}	mm	4150
Stand height	h_7	mm	135
Overall width (front/rear)	b_1/b_2	mm	790/861
Clear width driver compartment	l_{24}	mm	450
Travel speed with/without load		km/h	7,0/12,0
Lift speed with/without load		m/s	0,12/0,27
Lowering speed with/without speed		m/s	0,33/0,36

CESAB O-Series Order Pickers

the complete package

CESAB's commitment to creating superior products is matched by its commitment to delivering unrivalled service and support.

Every CESAB customer benefits from our 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 you on the best choice of equipment to meet your materials handling needs, as well as on the options that let you tailor your forklift to the unique demands of your working environment.

Buying a CESAB forklift is only the beginning of the support our dealers provide, with experienced and fully qualified service engineers only a local call away.

The on-board diagnostics system and easy access design of the O-Series range 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 the complete package of excellent equipment combined with outstanding personalised support. To experience it for yourself call your local CESAB dealership today.

CESAB

www.cesab-forklifts.eu

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. CESAB_Brochure_O-Series_EN_2020 / Ucan V05 – Copyright CESAB Material Handling Europe.