CESAB P300 2.0 - 2.2 tonne

Powered Pallet Trucks

Compact size, big on performance

CESAB

High manoeuvrability and productivity.

- *Compact design and low height body of CESAB P300 provide excellent all round visibility and manoeuvrability.*
- *The CESAB P300 delivers travel speeds up to 10 km/h and is designed for high levels of productivity and heavy duty applications.*

CESAB P300 powered pallet trucks deliver an uncompromising combination of compact manoeuvrability and high performance.

With capacities of 2000 kg and 2200 kg, and travel speed up to 10 km/h, the CESAB P300 trucks are perfect for operations requiring long travel distances as well as intensive applications such as loading and unloading vehicles.

CESAB P300 range is available with folding side guards that allow the operator to manoeuvre the truck as a pedestrian in tight spaces. Full fixed side guards or a back rest can also be specified to help achieve safety.

CESAB P300 powered pallet trucks have been designed to allow high intensity ride-along applications. The tiller length has been optimised to allow excellent visibility and control, even when manoeuvring in the tightest spaces. Manoeuvrability can be further enhanced by flipping up the platform for pedestrian operation where required.

The ambidextrous handle is designed to place all the controls within easy reach of the operator, regardless of their hand size. In addition to excellent productivity, it also contributes to safety by reducing the potential for accidental operation.

Innovative power steering option

As standard the CESAB P300s have automatic speed reduction when cornering, and this in combination with the power steering option helps to prevent strain injuries by providing excellent ergonomics and to increase workplace productivity.

Each operator protection variant includes a tiller arm length which is optimised superior manoeuvrability.

Adjustable height of the tiller arm's pivot point by the simple push of a button allows tailored settings for operators of different heights.

Reduces vibrations in the handle when operating on an uneven surface, providing improved ergonomics and higher comfort.

Quick and responsive steering at low speed, easy and steady at high speed for high safety and productivity.

Intuitive control whatever the application.

CESAB P300 trucks are equipped with PIN code access, with ten codes available for each of ten different operator profiles. This helps eliminate unauthorised operation of the truck as well as eliminating down-time due to lost or broken keys. An easy to read display allows operator parameters to be programmed quickly and easily using the control buttons on the handle. The display also provides information such as battery status, running hours and error codes that allow service engineers to reduce maintenance time.

The standard Creep Speed facility allows the truck to be operated with the tiller arm in a fully upright position, further enhancing manoeuvrability and operator control when using the truck as a pedestrian even in the smallest places as found in warehouses or on a lorry.

As standard the CESAB P300 trucks have a package of advanced electronic safety features called OTP (Optimised Truck Performance). This includes automatic speed reduction when cornering, for dynamic stability and safety, as well as smoother control when using the truck in pedestrian mode.

- *Automatic reduction of speed and acceleration when cornering as standard.*
- *The standard Creep Speed feature allows low speed manoeuvring with the tiller in an upright position.*

Attention to the smallest detail for excellent productivity.

By paying attention to the smallest details the designers of the CESAB P300 range have created powered pallet trucks that excel in high intensity applications. With its low height and a compact design that results in a chassis width of only 730 mm, the CESAB P300 delivers outstanding operator visibility and manoeuvrability.

The CESAB P320 is available with a choice of 6, 8 or 10 km/h travel speed and the CESAB P322 with 8 or 10 km/h. Both are available with a choice of fixed operator protection or folding guard rails, making it ideal for medium to long distances and loading operations where compactness and visibility are key.

With high travel speed and battery capacity of up to 600 Ah, the CESAB P300 trucks are ideal for long distance transport and achieving outstanding productivity in high intensity loading and unloading operations. Up to 10 PIN codes are available for each of 10 operator profiles, so performance can be tailored to the skill and experience of each individual operator.

High operating speeds are complemented by smooth control thanks to a switchless control system and powerful AC traction motor. Further control of the available power is provided by the CESAB Traction Control system, which automatically adjusts drive wheel pressure to suit the load, helping to eliminate wheel slip during initial movement and braking.

Battery life of the CESAB P300 trucks is aided by low energy consumption and a regenerative braking system that recycles kinetic energy back into the battery when the motor is used to slow the truck. A side loading battery option allows quick and easy battery changes in multi-shift operations.

- *Fixed AC motors help to eliminate moving cables for improved durability.*
- *Built to high quality standards using the renowned TPS* to help ensure quality and durability.*
- *Exceptional durability even in heavy duty operations.*

* Toyota Production System

Attention to the smallest details combine to create a more reliable truck.

Sometimes failure of the smallest or simplest component can lead to lost production and unnecessary costs. The CESAB P300 designers have achieved exceptional reliability by focusing attention on the smallest details to help eliminate potential weaknesses found in other powered pallet trucks.

CESAB Drive Control System.

The CESAB P300 range's CESAB Drive Control system uses contactless switches, so there are no mechanical contacts to wear out. CAN-bus wiring further enhances reliability and ensures smooth power delivery across the full range of operating speeds, a key benefit when operating in confined spaces.

Quick and easy servicing.

The access covers of the CESAB P300 range is secured with two screws for quick and easy access during servicing. The digital display shows error codes that allow service engineers to quickly identify problems and help ensure excellent uptime.

Uncompromising quality provides exceptional durability.

All CESAB trucks are built using the renowned TPS*. This not only helps ensure high quality standards, it also helps reduce environmental impact through the use of waste free production techniques. From the manufacture of individual components to final assembly, the CESAB P300 range embodies a philosophy of uncompromising quality.

In comparison to other trucks, the CESAB P300 trucks' CESAB Drive Control system uses significantly fewer components. This further enhances the reliability of the CESAB P300 range and means maintenance time is reduced, ensuring excellent up-time.

The CESAB P300 range employs a fixed AC motor which doesn't rotate when turning the tiller arm. This reduction in the number of moving parts results in a further increase in reliability and up-time.

Up-time is further enhanced by the modular design of the CESAB P300 range. CESAB's designers have simplified multiple systems that are common to both trucks within the range. This not only means quicker routine servicing it also means that in the unlikley event of a breakdown there is unlikely to be a delay waiting for specialist parts.

The enhanced reliability of the CESAB P300 range is matched by new levels of durability thanks to the use of impact resistant and flexible panels.

- *Modular design and fewer parts mean less maintenance and maximum up-time.*
- *CESAB Traction Control system adjusts drive wheel pressure to help eliminate wheel slip when starting off and braking.*

Tailor the specification to the needs of your business.

- *Optional full fixed side guards or fixed backrest.*
- *Innovative power steering option including adjustable tiller arm height.*
- *A range of battery sizes including sideways battery change for quick and easy turnaround between shifts.*
- *Optional power supply to allow mounting of powered third-party equipment such as a PC.*
- *A range of platform versions including flip-up and stay down versions, standard and coldstore models.*

Compact truck, big benefits.

- *Compact design for excellent manoeuvrability even in tight spaces.*
- *2000-2200 kg capacity and 6-10 km/h speeds deliver high performance in even high intensity applications.*
- *Optimised tiller design offers excellent visibility and control.*

The heavy duty performance of the CESAB P300 range translates directly into high productivity in high intensity applications. With its compact design, optimised tiller and ambidextrous handle it delivers excellent manoeuvrability even in tight spaces.

On the move the CESAB Traction Control system automatically adjusts drive wheel pressure, depending on the load, to maintain excellent traction during movement and braking, helping to eliminate wheel slip. Automatic reduction acceleration and speed when cornering helps to improve load and operator safety while maintaining high productivity.

A range of flip-down or fixed platforms, complemented by fixed or folding side guards or an optional back rest, further let you tailor the specification of the CESAB P300 range to the specific demands of your business.

The CESAB P300 range is built using the renowned TPS* to ensure consistently high quality and durability. Modular design and fewer parts in comparison to other trucks means increased reliability and also helps reduce service times, directly enhancing the profitability of your business.

* Toyota Production System

Don’t take our word for it, try a CESAB P300 for yourself.

So why choose the CESAB P300 range? Quite simply because you’re in the business of getting excellent productivity at all times.

To test drive a CESAB P300 for yourself, simply contact your local CESAB dealership and discover how you can raise productivity to new heights.

CESAB P320

CESAB P322

Truck Specifications

	CESAB P320	CESAB P322
Rated capacity [kg]	2000	2200
Travel speed with and without load [km/h]	6-9/6-10	7.5-9/8-10
Truck length, platform up, excl. forks, l2 [mm]*	666-871	714-871
Truck width [mm]	730	
Battery capacity 24V [Ah]	225-400	400-600
Fork length [mm]	1000-2350	

* Depending on battery compartment.
The figures written in this brochure are determined based on our standard testing conditions.
The figures may vary depending on the specification and condition of the forklift as well as the nature and condition of the operating area.

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. BR_P300_EN_2014 / P&B P300 V26 – Copyright CESAB Material Handling Europe.

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