

⚡ S SERIES ⚡

CLARK[®]
THE FORKLIFT

SE16-20
STE16-20



Electric forklift

SE16/20 four-wheel forklift

STE16/18/20 three-wheel forklift truck



Two powerful drive motors ensure an excellent acceleration

Ergonomic driver's seat with plenty of legroom

Nested mast profiles with excellent mast visibility

Automatically engaging electric parking brake

SMART ■ **STRONG** ■ **SAFE**



SE tyres
Load capacity SE16/20 four-wheel forklift: 1600/2000 kg
Load capacity STE16/18/20 three-wheel forklift: 1600/1800/2000 kg

Electric forklift

STE16/18/20 | SE16/20



The CLARK STE16-20 and SE16/20 series: Performance, safety and ergonomics

The CLARK STE16-20 and SE16/20 series electric forklift trucks offer outstanding performance, maximum safety and excellent ergonomics. These electric counterbalance trucks ensure smooth logistics processes - and are completely emission-free.

SMART

- Interactive 5.6" LCD SMART dash display
- Available with lithium-ion technology and the option to switch to conventional energy sources at any time
- Very good mast visibility
- Hood-mounted levers with forward/reverse and horn buttons
- USB ports for recharging mobile devices

STRONG

- Two powerful, low-noise drive motors
- Maintenance-free wet-disc brakes for up to 50 % less effort when braking
- Sturdy CLARK masts with mast damping system
- Nested mast profiles
- 6-roller fork carriage as standard
- Stable, vibration-free steering axle

SAFE

The S-Series electric has a number of safety features that not only ensure safe and productive use, but also low total cost of ownership:

- Automatically engaging parking brake prevents a unintentional rolling away or rolling back on inclines
- CLARK Vertical Mast System, VMS (option)
- Rear view camera (option)
- CLARK Save-View HD (option) - all-round camera system for optimum all-round visibility
- Load weight indicator on the display (optional) - can be easily combined with other forklift attachments
- Grab handle for reversing with horn
- Adjustable driving behaviour

With our advanced SMART display, which informs the operator of all important driving parameters, the two powerful, low-noise drive motors and a design that is built to last, the STE16-20 and SE16/20 models represent the next generation of electric forklift trucks - and this generation is SMART, STRONG and SAFE.



SMART ■ STR

Powerful and high performance



Powerful twin-engine front-wheel drive

The CLARK electric forklift trucks in the SE16/20 and STE16/18/20 series offer the perfect combination of safety and high handling performance, especially in space-critical work areas. Thanks to their compact design and impressive manoeuvrability, CLARK electric forklift trucks are the ideal solution for indoor and outdoor use. Even in the narrowest aisles, they demonstrate outstanding handling performance, as the four-wheel forklift trucks in the SE16/20 series have a CLARK steering axle with a 101° steering angle (zero turn steer axle).



Safe productivity thanks to automatic parking brake

CLARK electric forklift trucks have exceptionally high safety standards, such as the automatic parking brake fitted as standard. This prevents the truck from rolling backwards uncontrollably, even on sloping terrain or when loading and unloading. The automatic parking brake not only makes a significant contribution to safety, but also ensures smooth and precise operation in any working environment.

LI-ION

Li-ion technology: Full power with long battery life and heavy duty applications

The CLARK electric forklift trucks in the SE16/20 and STE16/18/20 series with Li-ion battery ensure efficient goods transport with maximum availability thanks to extremely short charging times and maximum productivity. The maintenance-free Li-ion technology extends battery life, reduces operating costs and enables flexible multi-shift operation thanks to intermediate and fast charging capability. You save time and optimise your storage space without having to change batteries at the side. And best of all, if your operating conditions change, you can switch back to leadacid technology at any time. Thanks to this high level of flexibility, you can efficiently map any application profile.

Electric forklift

STE16/18/20 | SE16/20



Ergonomics

- Spacious driver's seat with plenty of legroom for the operator
- Various ergonomic seats to choose from
- Large field of vision for a clear view in all directions
- All essential operating elements are located in the immediate
- Range of the driver
- Optimum arrangement of the accelerator pedals
- Low step
- Ergonomically mounted on the bonnet Hydraulic lever
- Narrow steering column for plenty of legroom
- Wet-disc brake for up to 50 % less force required during braking





5-inch- SMART-Display

- Provides information at a glance on Steering angle, battery status, error codes and operating hours
- Fast and comprehensive recording of all relevant data
- Information is available in different Languages

Low total cost of ownership

- Simple maintenance work
- Uncomplicated access to all components for delay-free maintenance
- Service-friendly design facilitates
- Inspections and minor repairs
- No unnecessary gadgets
- Stable steering axle
- Nested lifting frame profiles for Stability and durability



Electric forklift

STE16/18/20 | SE16/20



Outstanding turning radius with the CLARK SE16/20 electric forklift truck!

Thanks to an impressive steering angle of 101° (Zero Turn Steer Axle), the four-wheel forklift SE16/20 can be driven almost on the spot.

Thanks to the powerful front-wheel drive with two motors and with a power output of 4.4 kW each, the inner front wheel can be run in opposite directions with a strong steering angle.

This driving behaviour significantly minimises wear and allows for precise manoeuvring in the most confined spaces.



Operator compartment

Nested mast profiles

The nested mast profiles give the operator a wide field of vision. This provides excellent visibility of the load. When driving straight ahead, the large, unobstructed window also increases safety.



Clear view

An optimised arrangement of chains and hoses allows a clear view of the forks and the load. The perfect arrangement of the protective roof struts allows an excellent view upwards.

Technical data: Electric forklift trucks SE16/20 and STE16/18/20



Load capacity:
max. 2000 kg



Lifting height:
max. 7075 mm



Travelling speed:
max. 16 km/h



Performance
Drive motor:
2 x 4,4 kW



Battery performance:
Lead-acid version
max. 625 Ah



Battery capacity:
Lithium-ion
version 460 Ah

Electric forklift

STE16/18/20 | SE16/20



Individual controls and settings

Truck monitoring

The driving parameters can be individually programmed via the 5-inch SMART display. When using a reversing camera, the image is transmitted to the color display. This gives the driver an optimum view of the activities on his route when reversing.



Easy-grip hydraulic levers

Control levers mounted on the bonnet are available as standard. With up to five hydraulic functions, the use of different attachments is possible.



Direction switch on the Hydraulic lever

With predictable directional control function on the hydraulic lever, there is no need for the operator to “reach around” to change direction.

Armrest with integrated mini levers

Ergonomic mini levers for hydraulic control are available. The mini-levers can be integrated into the direction of travel change on request.

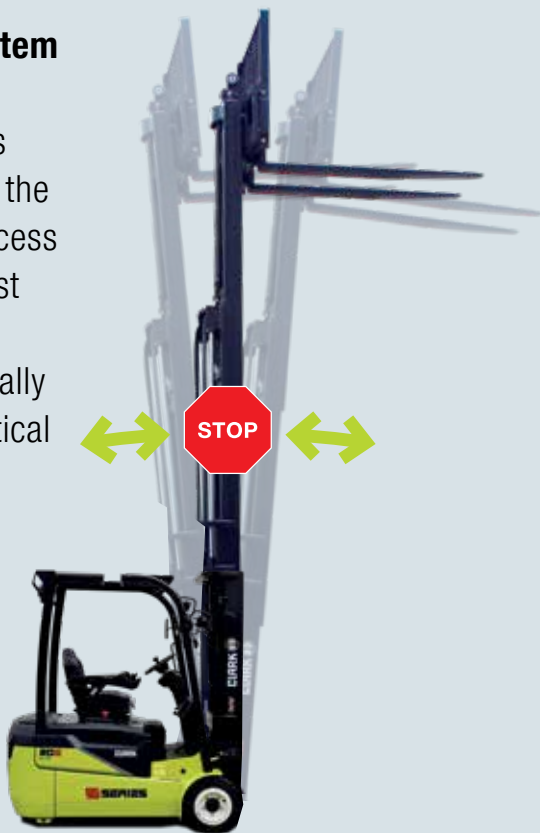


Safety features

Numerous safety features speak in favour of the S-Series Electric, as they not only ensure safe and productive use, but also a low total cost of ownership.

CLARK VMS-System

When the function is activated, the tilting process of the mast stops automatically in the vertical position.



Reversing camera

Increased safety in use thanks to a wide field of vision. Transmission takes place directly on the truck display.



Load weight indicator in the display

Informs the driver of the current weight of the load on the forks. Can be combined with other attachments.



Electric forklift

STE16/18/20 | SE16/20

LI-ION

Lithium-ion technology from CLARK

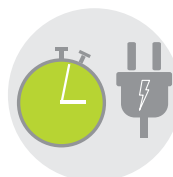
The CLARK SE16/20 and STE16/18/20 electric forklift trucks can be equipped with the latest lithium-ion technology (Li-Ion) and set new standards in terms of efficiency, reliability and user-friendliness. Discover the benefits that your business will experience by using our electric forklift trucks with Li-ion batteries.



High availability thanks to extremely short loading times:

Li-ion battery technology not only enables fast, but also extremely efficient charging.

With extremely short charging times, your electric forklift trucks are back in operation faster. This means less downtime and maximum productivity for your business.



Ideal for multi-shift operation thanks to intermediate and quick-charging capability:

Our lithium-ion battery electric trucks are ideal for multi-shift operations. Opportunity and fastcharge capabilities allow the batteries to be charged flexibly to meet the demands of demanding applications. This means optimum utilisation of your trucks around the clock.



Maintenance-free and longer service life:

Compared to conventional lead-acid batteries, Li-ion batteries offer a maintenance-free solution. This means

less maintenance and lower running costs. Li-ion batteries also have a longer lifespan. So you are investing in a sustainable solution for your business.



No lateral battery change necessary:

In contrast to conventional battery technologies, Li-ion batteries do not have the need for sideways battery changes. This not only saves time, but also allows you to make more efficient use of your warehouse space. Our electric trucks are designed to fit seamlessly into your operations.



Uncomplicated switch back to lead-acid technology:

Although Li-ion batteries offer many advantages, we understand that operating requirements can change. That is why our electric trucks make it easy to switch back to conventional lead-acid technology. We prioritise flexibility to ensure our solutions adapt to your business needs.

Optional equipment

To adapt your truck to your individual working conditions the following options are available:



Driver's seats

The driver's seat is available with either mechanical suspension or air suspension. Various versions with orange seat belt, side safety side bars or armrests.



Hydraulic functions

For the operation of different attachments, we have added additional functions that can be switched via a solenoid valve on the mast.



Direction switch on the hydraulic lever

By changing the travel direction on the hydraulic lever, the driver is less stressed, as it is not necessary anymore to change the travel direction at the steering column.



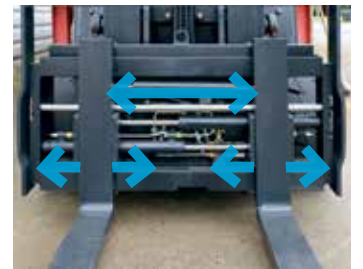
Storage compartment

Available with USB charging port.



Blue LED warning lights

The blue LED warning lights enable a visual warning.



Fork positioners with independent sidsift

Increases the efficiency and flexibility of the SE-Series. More handling capacity can be achieved especially when the load widths change frequently. CLARK fork positioners have separate sidsift.





Electric forklift

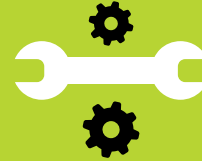
SE16/20 four-wheel forklift

STE16/18/20 three-wheel forklift truck



GLOBAL PRESENCE

CLARK products are in operation all around the world.



RELIABLE SPARE PARTS SERVICE

Over 120,000 items in our Duisburg Spare Parts Centre in Germany.



COMPREHENSIVE DEALER NETWORK

Over 550 sales & distribution partners in more than 90 countries ensure a high level of availability of our products and services.



EXCELLENT QUALITY

CLARK is the forerunner in high-quality standards and innovative product developments.



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