

# GTX/GEX16-20s



## ELECTRIC FORKLIFT

GTX16/18/20S THREE-WHEEL FORKLIFT  
GEX16/18/20S FOUR-WHEEL FORKLIFT



Reduce costs and protect the environment

Robust proven construction

Extensive safety equipment



With SE-Tyres  
Load capacity:  
1600/1800/2000 kg

# ELECTRIC FORKLIFT

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## Manoeuvrable power house ensures high performance with low operating costs

With the CLARK electric forklifts GTX/GEX in 48 Volt technology, you can move your loads in a safe and efficient way at extremely low operating costs. The CLARK electric forklifts are used in all applications where it is important to achieve maximum performance reliably and cost-efficiently with an intuitive operating concept day after day. For intensive applications and multi-shift operations, these trucks are even available with lithium-ion power.



1

### Lithium-ion Power

Powerful lithium-ion batteries with 460 Ah are available as an optional feature. They guarantee the permanent availability of the truck thanks to fast charging processes and the possibility of flexible opportunity charging.



2

### Ergonomic operator compartment

The operator benefits from a high level of legroom and headroom for this type of forklifts. In addition, these trucks are available with adjustable comfort seats with air- or mechanical suspension.



3

### Adjustable hydraulic control layout

The truck can be operated either via adjustable mini-levers integrated in the armrest or via ergonomically arranged hydraulic levers on the hood of the truck. The drive direction can be changed via the steering column, a switch in the armrest, or via a dual pedal.





4

#### Adjustable operating modes

Three operating modes are available for energy-efficient use of the truck.

The wear-free regenerative braking with the motor brake and the automatic reduction of speed when cornering can all be customised.



5

#### Low operating costs

Expensive gadgets that are unnecessary for most purposes are completely avoided. The result is very good value for money. In addition, all components are easily accessible for easy maintenance.



6

#### Safe use on ramps

A safe application on ramps is ensured by the CLARK ramp function as standard. Therefore, the operator has the truck under control at all times, as unintentional acceleration or rolling back is prevented.



2

8

6

7



7

#### Powerful motors

Two traction motors with 4.4 kW power each and AC technology ensure excellent acceleration and high final speeds.

Depending on the steering angle, the front wheels can be controlled independently from each other, so that excessive wear of the tyres is prevented.



8

#### Excellent visibility and mast damping

Thanks to the nested mast profiles, the operator has a very good view through the mast. For quiet lifting operations the trucks are equipped with a mast damping as standard.

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### Our safety features:

- Highly visible orange safety seat belt
- Automatic neutral position of the direction if the seat belt buckle is not closed
- Blue LED warning lights
- CLARK SafeView@360 camera system, so that the driver has everything in view around the truck
- When leaving the truck, the hydraulic functions are automatically deactivated
- CLARK ramp function prevents unintentional acceleration or rolling back on ramps
- Hydraulic accumulators ensure that loads are prevented from bouncing on uneven ground

### Ergonomic operator compartment

The tiltable steering column can be adjusted to the operator needs. An optimal arrangement of chains and hoses allows a clear view of the load. The overhead guard bars allow excellent upward visibility. Furthermore a multi-coloured, high-contrast TFT display is part of the standard equipment of this series.





## Cabins

Our cabin line-up includes the following:

- Rain protection (steel roof)
- Weather protection (steel roof and front windscreen)
- Partial cab (steel roof, front and rear windscreen and PVC side panel)
- Full cab

## Driver's compartment with plenty of legroom

Compared to other trucks in its class, the GTX/GEX series has an extremely spacious operator's compartment with plenty of legroom and knee room. Nevertheless, there is still some space left to install storage compartments for documents.

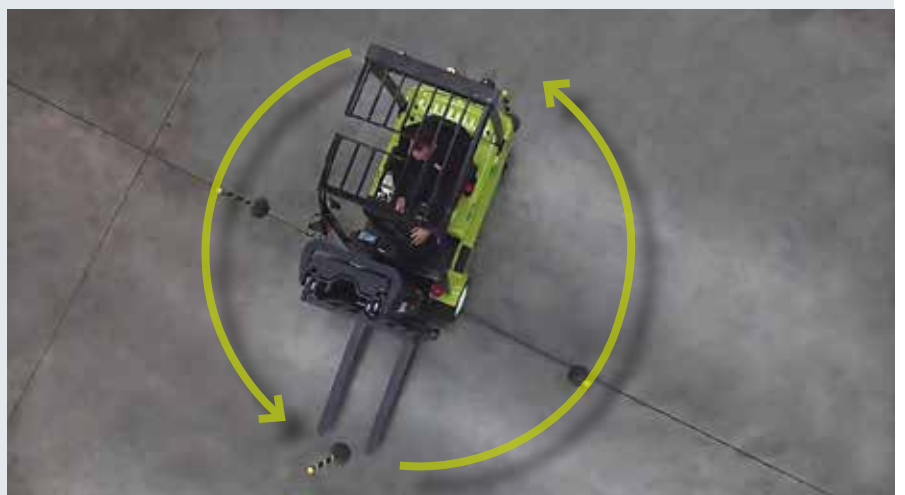
## Turning radius

### Four-wheel forklift GEX16-20s

With a steering angle of  $101^\circ$ , the four-wheel truck GEX16-20s turns almost on the spot like a three-wheel forklift. The inner front wheel runs in the opposite direction counter-rotating. This prevents the rear wheel from being pushed over the ground and the wear and tear is considerably less than with other trucks.

### Three-wheel forklift GTX16-20s

The GTX series has double tyres on the steering axle as standard. With  $90^\circ$  steering angle, the three-wheel forklifts therefore turn on the spot.



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## GTX/GEX 16-20s



### CLARK Lithium-Ion Power: Costs Down – Power On

Modern lithium-ion technology in perfect combination with cost-efficient trucks and a wide range of additional optional equipment to customize the forklifts is only available from CLARK! The result: When you invest in a GTX or GEX with a lithium-ion battery, you are choosing the best solution by far. It pays to switch to a counterbalance truck with a modern clean energy source. Thanks to ultra-fast charging times and zero maintenance, the lithium-ion forklifts can be used almost without a break. The power of the battery is always fully available, as lithium-ion batteries do not show any signs of fatigue. In addition, the service life of lithium-ion batteries is significantly longer than that of the lead-acid battery.



**Technical data:** Electric forklift GEX/GTX 16/18/20s



**Load capacity:**  
max. 2000 kg



**Liftheight:**  
max. 7075 mm



**Drive speed:**  
max. 16 km/h



**Drive motor rating:**  
2 x 4.4 kW



**Battery capacity lead-acid version:**  
max. 625 Ah



**Battery capacity lithium-ion version:**  
460 Ah

### Make use of the advantages of CLARKs Li-Ion batteries

- Powerful lithium-ion battery with 460 Ah
- Short charging time thanks to a 48 volt (160 A) charger
- Double service life and maintenance-free batteries
- Opportunity charging is possible at any time
- No battery change required
- Various charging points can be installed directly where the unit is used, as no ventilated charging room is required



### Side battery removal

A simple battery change is possible for lead-acid batteries with the help of the optional side battery removal system (SBR). For side battery removal, a roller bed is installed in the truck. It is also possible to change the battery to suit individual needs. For example, batteries can be changed with the help of a hand pallet truck, a second forklift truck or via stationary battery change table.

An opening on the overhead guard or in the roof of the driver's cab also ensures that a battery change can be carried out using a crane.





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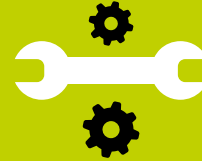
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## GLOBAL PRESENCE

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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