

S SERIES

CLARK
THE FORKLIFT

S25-35XE



Electric Crossover Forklift

S25/30/35XE

RENEGADE

Powerful Electric Forklift Truck
with Extensive Safety Equipment

Ergonomic Driver's Seat with
very low Noise Level

Self-Activating Parking Brake
Prevents Uncontrolled Rolling on
Inclines and Ramps

Emission-Free Electric
Alternative to Forklift Trucks
with Combustion Engines

LI-ION



SMART · STRONG · SAFE

SE-tyres | Load capacity: 2500/3000/3500 kg

Electric Crossover Forklift

S25/30/35XE **RENEGADE**

S25-35XE – High-End Electric Forklift Truck

The CLARK Renegade (S25-35XE) redefines the standards for modern crossover forklift trucks. As a powerful and low noise electric forklift truck, the Renegade combines pioneering Li-ion technology with a robust, ergonomically optimised truck frame that is ideal for both indoor and outdoor use. Its emission-free and low-noise operation makes the Renegade the ideal choice for

applications in mixed areas where quiet working processes are a key advantage.

Thanks to its versatile safety functions and extensive customisation options, the S25-35XE can be flexibly adapted to the individual requirements of a wide range of industries. The ergonomic operator's workplace offers maximum comfort, while the excellent all-round visibility and

intuitive controls enable safe and efficient working. Its long operating times and short charging cycles make the Renegade a reliable partner for companies that do not want to compromise between performance and sustainability. The CLARK Renegade - the smart choice for a sustainable future with top performance.



What Makes the CLARK Crossover Models Special?

The CLARK crossover models with the suffix „XE“ offer a variety of features that make these electric forklifts comparable to IC engine-powered forklifts. They combine the advantages of emission-free electric drives with the high performance that you are used to from models with combustion engines.

Ground clearance with load under the mast (m1) and centre of wheelbase (m2):

	S25XE Electrical	S25D Diesel
m1=	135 mm	
m2=	155 mm	

Tyre sizes:
Front tyres (V'')
Rear tyres (H'')

	S25XE Electrical	S25D Diesel
V''=	7,00 x 12	
H''=	6,00 X 9	

Turning radius (Wa) and aisle width:

	S25XE Electrical	S25D Diesel
Wa=	2270 mm	2330 mm
Ast=	3935 mm	3995 mm

Maximum climbing ability: (unloaded)

	S25XE Electrical	S25D Diesel
max.	27,3 %	20,2 %

Overhead guard heights:

	S25XE Electrical	S25D Diesel
H=	2165 mm	2165 mm

Maximum speed: (loaded)

	S25XE Electrical	S25D Diesel
max.	18 km/h	17,3 km/h

Outstanding acceleration: The electric drives of our XE forklifts deliver powerful acceleration thanks to immediately available maximum torque and optimum power delivery.

Electric Crossover Forklift

S25/30/35 XE **RENEGADE**

Features



1

Good All-Round Visibility

Proven, interlocking mast rails ensure a robust design and a narrow „column“ to maximise visibility.



2

Safety Feature – Full Stop on Ramp Function

A „full ramp stop“ enables safe working on ramps and inclines. The roll-back protection activates the automatic parking brake and thus prevents uncontrolled rolling back.



3

Excellent Headroom

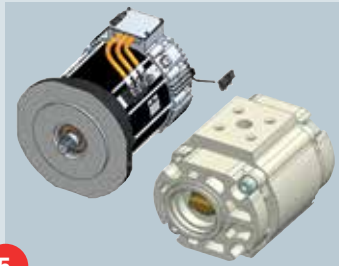
The overhead guard offers generous headroom, which significantly increases both the comfort and safety of the operator.



4

Large Metal Step

The driver enters the ergonomically designed interior via a large, low, non-slip step.



5

Low-Noise Operation

The drive and hydraulic motor are extremely quiet. Even in operation, the vehicle achieves a very low sound pressure level at the driver's ear of less than 65 dB(A).



6

Ergonomic Hydraulic Levers

Ergonomically located hydraulic levers next to the driver's seat, with integrated directional control on the hydraulic lever, make manoeuvring intuitive and effortless.





7

LED Lighting

Optimally illuminated field of vision for greater safety in use. Further warning lights are available.



8

Easy Access to the Battery

The bonnet can be opened wide to check the battery and facilitate access to the truck interior.



9

Flexible Indoor and Outdoor Use

Thanks to water-protected components, such as the IP54 protection (dust and splash-proof) of the drive and hydraulic motor, outdoor use is possible without any problems, even in bad weather.



10

CLARK SMART Dashboard

Thanks to the intuitive dashboard, the CLARK Renegade (S25- 35XE) is easy to operate. Instructions for the operator are available in several languages. The display can optionally show the load weight or the image from the reversing camera.



3

8

5

11

12



11

Simple and Flexible Charging Option

The charging connection is easily accessible on the side of the truck frame. Even on trucks with a cab, it is not necessary to open the cab doors or bonnet. The newly designed, sealed flap allows convenient and fast recharging without interrupting operations for any length of time.



12

Fast Repair and Maintenance Option

The components of the CLARK Renegade (S25-35XE) are easily accessible and simple to replace, which speeds up repairs and maintenance work. This minimises downtime. Service staff can reach all important maintenance points, such as the truck controllers, quickly and effortlessly.

Electric Crossover Forklift

S25/30/35 XE **RENEGADE**

Driver's Cab: From Rain Protection to Full Cab with Air Conditioning

To ensure that you get the right solution for your application, different cab variants are available in our cab programme:

- Rain cover (roof only)
- Weather protection (roof and windscreen)
- Partial cab (roof, front and rear windscreen)
- Fully equipped cabin - with air conditioning on request



Top-Class Ergonomics

With the Renegade, CLARK sets new standards in operator comfort. CLARK ensures fatigue-free working, even over long shifts.

The hydraulic levers ergonomically mounted on the hood next to the driver's seat, combined with the integrated direction control switch, enable intuitive and effortless control - for maximum efficiency in every application.

The slim steering column offers generous legroom, while the optimally positioned step ensures safe and comfortable entry and exit.



SMART Display: All Information at a Glance

The SMART display of the CLARK Renegade (S25- 35XE) provides all important information at a glance. Among other things, it shows the battery status, error codes and operating hours in a clearly structured manner. The information is available in different languages so that the display can be used easily in international teams. The 5-inch colour display also offers a wide range of options via the service to individually adapt the driving characteristics to the operator's requirements. A modern display that combines efficiency and user-friendliness.



For example, the acceleration behaviour and electric braking behaviour can be set by the service technician via the display.

When using a reversing camera, the image is also transmitted directly to the colour display so that the driver always has an optimum overview of the route and surroundings, even when reversing. The optional load weight indication is also shown to the driver via the SMART display. This ensures additional safety and comfort in everyday work.

Maximum Safety with Operator Presence System (OPS) as standard

The CLARK Renegade (S25- 35XE) is equipped with the Operator Presence System (OPS), which significantly increases the safety of the operator and his surroundings. This system monitors the presence of the driver and automatically switches off the hydraulic and driving functions as soon as the driver leaves the seat.

The feature prevents unintentional movements of the truck and offers additional protection against accidents and injuries. The OPS ensures that the truck only remains active when the driver is safely seated and in control. This ensures smooth and safe operation.



Electric Crossover Forklift

S25/30/35XE **RENEGADE**



Flexible Energy Supply with safe Lithium-Ion Batteries: 205 Ah, 410 Ah and 460 Ah

All batteries are based on safe lithium iron phosphate technology (Li-FePO₄), which is characterised by a high level of safety and durability. Various chargers are also available, including an onboard charger integrated into the truck, which enables fast and flexible recharging anytime and anywhere - whether indoors or outdoors.

Optional Integrated Charger

The optional 80 V and 35 Ah charger integrated in the vehicle enables flexible charging at any conventional 230 V socket. It is ideal for intermediate charging, as recharging can be carried out directly at the place of use without having to take the vehicle to a stationary charger. At the same time, it is still possible to use a more powerful external charger with 80 V and 100 Ah or 80 V and 200 Ah.

Battery voltage	Model	Capacity (Ah)	kWh
80 V	S25XE	205	16,4
		410	32,8
	S30XE / S35XE	205	16,4
		410	32,8
		460	36,8



Technical data: Electric Forklift Truck S25/30/35XE



Load capacity:
max. 3500 kg
with 500 mm LSA



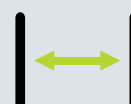
Lifting height:
max. 7315 mm



Driving speed:
max. 18 km/h



Drive motor power:
17.2 kW



Output width:
min. 3935 mm



Battery capacity (80 V):
Lithium-ion
205, 410 or 460 Ah

Security that pays off

The CLARK Renegade (S25-35XE) offers numerous safety functions that enable safe and productive use, minimise risks and reduce operating costs.

The Renegade effectively contributes to reducing the total cost of ownership and increases efficiency at the same time.

■ SMART ■

Smart Solution for Indoor and Outdoor Use

- The Renegade combines emission-free electric drives with the characteristics of a combustion-powered truck. Efficient, environmentally friendly, versatile - and perfect for indoor and outdoor use.

Smart Solutions for changing Travel Direction

- The direction of travel can be changed using a switch on the hydraulic lever, via the armrest with mini-levers, or conventionally on the steering column.

Smart Solutions for perfect Battery Management

- The Renegade offers smart charging options: an integrated charger and external chargers that can be used simultaneously. This means you will find the optimum solution for every application profile.

■ STRONG ■

High Residual Load Capacity

- Up to 3.5 tonnes at 500 mm
- Optionally with wide or dual tyres for the safe transport of wide loads
- Low centre of gravity and high residual load capacity

Solid CLARK Uprights

- Nested mast profiles
- 6-roller fork carriage as standard
- CLARK mast damping
- Underbody protection as standard
- Water-protected components - IP54 (dust and splash water)

Built-to-Last Construction

- Only high-quality and durable components are used in the construction of the electric forklift trucks
- The Renegade has a durable and electronically protected transmission
- The steering axle is extremely stable and vibration-free

■ SAFE ■

Self-Activating Parking Brake

- Manual or mechanical activation of the parking brake is not necessary. The parking brake is activated automatically when leaving the truck.

VMS-System

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

Adjustable Maximum Speeds

- The maximum travelling speed can be permanently reduced by a service technician on request

Roll-Back Protection on Inclines

- Unintentional rolling away or rolling back is prevented

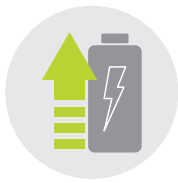
Load Weight Indicator on the Display

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

Electric Crossover Forklift

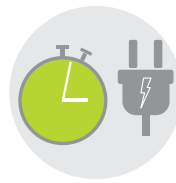
S25/30/35XE **RENEGADE**

The CLARK S25-35XE crossover electric forklift trucks are equipped with the latest lithium-ion (Li-Ion) battery technology and set new standards in efficiency, reliability and user-friendliness. Experience how our Li-Ion technology makes your operation more efficient and future-proof.



High Availability Thanks to Extremely Short Charging Times:

Li-ion battery technology not only enables fast charging, but also extremely efficient charging. With very short charging times, your electric forklift trucks can be put back into operation more quickly. This means less downtime and maximum productivity for your business.



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

Our electric forklift trucks with Li-ion batteries are ideally suited for multi-shift operation. Thanks to their intermediate and fast-charging capability, the batteries can be charged flexibly to meet the requirements of demanding operations. This means optimum utilisation of your industrial 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 work and lower operating costs. Li-ion batteries are also characterised by a longer service life. So you are investing in a sustainable solution for your company.



No Side Battery Removal Necessary:

In contrast to conventional battery technologies, Li-ion batteries do not require lateral battery changes. This not only saves time, but also enables more efficient utilisation of your warehouse space. Our electric forklift trucks are designed to integrate seamlessly into your work processes. The Li-ion battery can be conveniently recharged via a side-opening flap without having to open the battery cover.



LI-ION

The Li-ion battery can be recharged from a standing position without having to open the battery cover.

Optional Equipment



Driver's Seats

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



Hydraulic Levers

Control levers mounted on the bonnet come as standard, with an option for up to five hydraulic functions to support various attachments.



Armrest with Integrated Mini Levers

Ergonomic mini levers for hydraulic control are available, with the option to integrate the travel direction change into the armrest upon request.



Direction Switch on the Hydraulic Lever

Switching the direction of travel directly on the hydraulic lever reduces the driver's workload by eliminating the need to reach around the steering column to change direction.



Reversing Camera

Enhanced safety during operation thanks to a wide field of vision for activities behind the truck, provided by a rear-mounted camera.



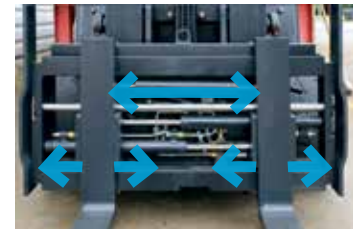
Storage Compartment

Available with USB charging port.



Blue LED Warning Lights

The blue LED warning lights provide a visual warning for both directions of travel.



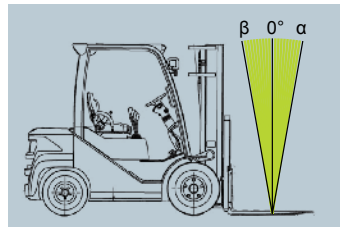
Fork Positioners with Sideshift

CLARK fork positioners are ideal for changing load widths and increase handling capacity. Including separate sideshift function.



Full Cabin with Air Conditioning

For more productivity on hot days. With good cooling performance, dehumidification and integrated cooling and heating function.



CLARK VMS System

By activating this function, the tilting process of the mast stops automatically when tilting forwards or backwards in a vertical position.



Load Weight Indication

The load weight indicator ensures accurate weight readings, even when different attachments are in use. This is made possible by a driver-activated tare function.



Integrated Charger

The integrated charger with 80 V and 35 Ah enables flexible charging at any conventional 230 V socket.



Electric Crossover Forklift

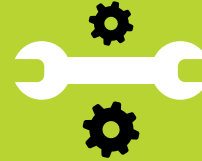
S25/30/35XE

RENEGADE



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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