

# carer

Electric Forklift Trucks



## **Powerful. Reliable. Electric.**

A global company specialized in the production of electric counterbalanced forklift trucks; a flexible and dynamic company able to offer optimal solutions for every standard or special handling application; a group of motivated and expert people, always at customer disposal, listening to him and helping him to satisfy his specific business requirements.

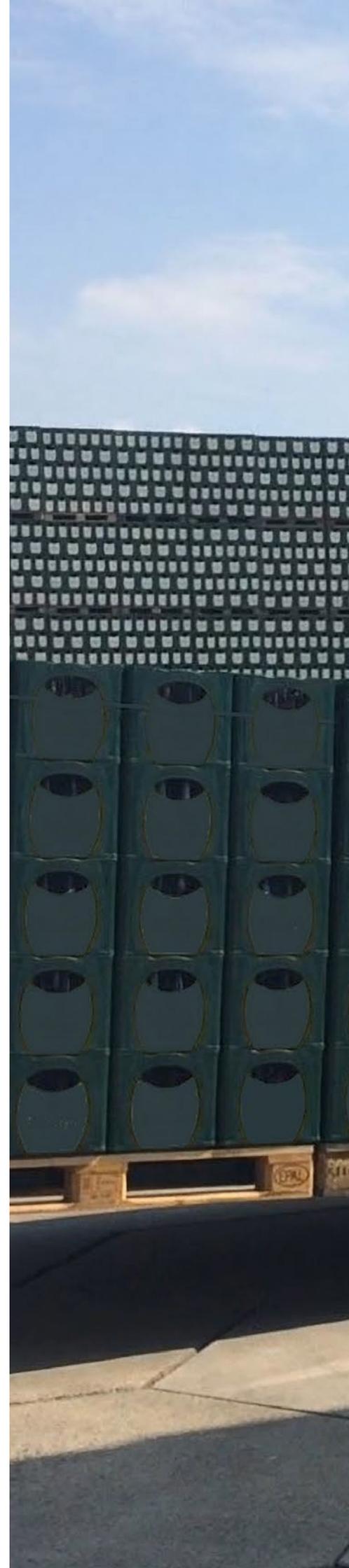
This is Carer, and now, more than ever, we can look to the future with those ideals and that passion which identifies who we really are and makes us stand out in the market as leader in the production of high capacity electric forklift trucks and specials.

## **Carer Forklifts. We strive to reach the unreachable.**

A range of electric counterbalanced forklift trucks, with capacities up to 20,000 kg and a wide range of SPED products in a position to offer high performance, unique in the market; a valid alternative to the internal combustion trucks, with excellent performances, autonomy and significant savings in terms of operating costs and sustainable energy.

## **This is Carer, and even more.**

Carer trucks are the result of attention and listening to our customers and their materials handling needs. 40 years of experience have enabled us to consolidate and improve a range of electric counterbalanced trucks able to meet the most demanding needs of the global market.





# The synthesis of experience.



**Carer stands out from the competition with a range of products that arrives where most global builders can't.**

**Carer** is on the market with:

- a line of superior **standard products** fitting to the common applications of the main business categories;
- a Special Product Equipment Department (**SPED**) dedicated to the design and construction of special machines to meet specific handling requirements.

## AX series

The game-changer in IC to electric conversions.

**A 80 X**  
8.000 kg / 600 mm

**A 80@900 X**  
8.000 kg / 900 mm

**A 80@1100 X**  
8.000 kg / 1100 mm

**A 90 X**  
9.000 kg / 600 mm

**A 100 X**  
10.000 kg / 600 mm

**A 120 X**  
12.000 kg / 600 mm



The AX series is the ultimate expression of the technological research developed by the Carer technical department. The AX series is eco-friendly, noiseless and emission-less and contributes to reducing the impact of your work on global warming. This forklift truck, ideal for outdoor applications, is equipped with superelastic tyres and ensures an excellent ground clearance. The two AC drive motors integrated in the front axle generate acceleration, torque and travel speed up to 20 km/h: this is why the AX series is a viable and effective alternative to IC forklifts.

## F series

Extremely compact dimensions.  
Comfort and performances  
comparable with ICE trucks.

### A 160 X

16,000 kg - 600 mm

### A 160@1200 X

16,000 kg - 1200 mm

### A 200@1200 X

20,000 kg - 1200 mm

**144 V**



The NEW AX great capacities series is the state of the art in technological research developed by the technical department of Carer. The AX great capacities series, eco-friendly, silent, without emissions or noise, helps to reduce the impact of your work on global warming. These forklift trucks, ideal for outdoor applications, are equipped with pneumatic tires and have excellent ground clearance. The 144V inverters and the powerful AC motors are capable of generating great accelerations, torques and speeds of up to 20 Km / h; that's why the AX great capacities series is a valid and effective alternative to internal combustion trucks.

### F 60 H<sup>2</sup>

6.000 kg / 600 mm

### F 65 H<sup>2</sup>

6.500 kg / 600 mm

### F 70 H<sup>2</sup>

7.000 kg / 600 mm

### F 80 H<sup>2</sup>

8.000 kg / 600 mm

### F 90 H<sup>2</sup>

9.000 kg / 600 mm

**96 V**



Developed based on the project of the Heavy Duty (HD) version, F 60-90 H<sup>2</sup> electric forklift trucks are the ideal solution to handle heavy goods in all fields of application. Attention to all the details, creativity and technical expertise used to design and develop the F 60-90 H<sup>2</sup> can be seen in the features and design of the forklift truck that combines the ability to lift very heavy loads with a very compact sturdy frame.

### F 60 HD<sup>2</sup>

6.000 kg / 600 mm

### F 65 HD<sup>2</sup>

6.500 kg / 600 mm

### F 70 HD<sup>2</sup>

7.000 kg / 600 mm

### F 80 HD<sup>2</sup>

8.000 kg / 600 mm

### F 90 HD<sup>2</sup>

9.000 kg / 600 mm

### F 80@900 HD<sup>2</sup>

8.000 kg - 900 mm

### F 100@600 HD<sup>2</sup>

10.000 kg - 600 mm

**96 V**

**HIGH PERFORMANCE**



Designed to withstand long operating time at very high performance levels, F 60-100 HD<sup>2</sup> (Heavy Duty) can be considered the highest expression of the principles and technology developed by Carer over the years. Thanks to the super steer axle, the electronic differential, the noticeable compact design of the forklift truck and maximum comfort of the driver's seat, the F 60-100 HD<sup>2</sup> is the right forklift truck for particularly heavy duty applications.

# The synthesis of experience.

## N series

An unique forklift truck in the market.

### N 08

800 kg / 500 mm

### N 10

1.000 kg / 500 mm

**48 V**



Overall width 85 cm, voltage 48 V, front-wheel drive with 2 AC motors, electric steering, oil bath brakes: these are some of the features that make the N 08-10 the most advanced forklift truck in his class. Power, high performance, easy handling and comfort make it ideal for intensive work shift in narrow and limited space.

## Z series

The shortest and the most compact forklift trucks in the class. High seat position for the best visibility and safety of the operator even with big load.

### Z 20-25 HD

2.500 kg / 500 mm

**80 V**

**HIGH PERFORMANCE**



The possibility of maintaining high residual capacities at great heights, the compact frame and high traction and hoisting speed make Z 25 HD the perfect multi-purpose forklift truck for special handling sectors such as fruit and logistics.

### Z 60 H<sup>2</sup>

6.000 kg / 600 mm

### Z 65 H<sup>2</sup>

6.500 kg / 600 mm

### Z 70 H<sup>2</sup>

7.000 kg / 600 mm

### Z 80 H<sup>2</sup>

8.000 kg / 600 mm

**96 V**



The Z 60-80 H<sup>2</sup> series forklift trucks have been designed to ensure high performance, long operating time and low running costs. Extremely compact and with a reduced steering radius, these forklift trucks are designed to have a compact design and not be bulky during manoeuvres without affecting performance, reliability and ergonomics.

# Overview of Carer forklift trucks.

## Z 80/900 H<sup>2</sup>

8.000 kg - 900 mm

## Z 90 H<sup>2</sup>

9.000 kg - 600 mm

## Z 100 H<sup>2</sup>

10.000 kg - 600 mm

**96 V**



The driver's seat is wide and spacious. Controls and instruments are arranged respecting ergonomic sizing requirements. The steering wheel has a tilting steering column and can also be adjusted depth-wise. Exceptional visibility at the front and the back thanks to the raised driving position. The electronic control ensures maximum silence and maximum motor performance.

## Z 100 HD

10.000 kg / 600 mm

## Z 120 HD

12.000 kg / 600 mm

## Z 140 HD

14.000 kg / 600 mm

**120 V**

**HIGH PERFORMANCE**



A newly-designed forklift truck developed at a voltage of 120 V to provide maximum efficiency and long operating time, Z 100-140 HD is the ideal forklift truck to handle heavy loads with top safety and reliability.

## Z 100 HC

10.000 kg / 600 mm

## Z 120 HC

12.800 kg / 600 mm

## Z 140 HC

14.000 kg / 600 mm

## Z 140 H

14.000 kg / 600 mm

## Z 150 H

15.000 kg / 600 mm

## Z 160 H

16.000 kg / 600 mm

**96 V**



Specifically designed with cushion and Vulkollan tyres to ensure a maximum capacity up to 16,000 kg. Thanks to its extremely compact sturdy frame, this forklift truck is the ideal solution to handle heavy loads in closed and narrow spaces, ensuring an extremely small steering radius.

The position of the batteries between the axles ensures an extremely low centre point of gravity in order to increase the stability.

The lateral battery extraction allows to change the battery very quickly and safely.

The drive position is comfortable and accessibility is excellent.

# The synthesis of experience.

## R series

Forklift truck suitable for versatile applications both inside and outside.

### R 45 H<sup>2</sup>

4.500 kg / 600 mm

### R 50 H<sup>2</sup>

5.000 kg / 600 mm

### R 60 H<sup>2</sup>

6.000 kg / 600 mm

### R 70 H<sup>2</sup>

7.000 kg / 600 mm

### R 80 H<sup>2</sup>

8.000 kg / 600 mm

**80 V**



Developed and designed to handle goods in heavy-duty applications both inside and outside, R 45-80 H<sup>2</sup> is the right forklift truck to withstand intensive use and high performance.

### R 120

12.000 kg / 600 mm

### R 160

16.000 kg / 600 mm

**120 V**



This forklift truck is the maximum expression of the force and power of Carer's standard range of forklift trucks. It can handle loads weighing up to 16,000 kg.

Fitted with a tilting cabin to ensure the battery can be quickly and easily changed, this forklift truck combines high performance, long operating time and compact size.

## K series

The most comprehensive range of forklift trucks for the materials handling inside the containers.

### KR 45 H<sup>2</sup>

4.500 kg / 600 mm

### KR 50 H<sup>2</sup>

5.000 kg / 600 mm

### KR 60 H<sup>2</sup>

6.000 kg / 600 mm

### KR 70 H<sup>2</sup>

8.000 kg / 600 mm

### KR 80 H<sup>2</sup>

8.000 kg / 600 mm

**80 V**



Specifically developed and designed for the handling of the goods inside the container, the KR 45-80 H<sup>2</sup> is the proper forklift to work intensively and with high performances.

# Overview of Carer forklift trucks.

**KF 60 H<sup>2</sup>**  
**KF 65 H<sup>2</sup>**  
**KF 70 H<sup>2</sup>**  
**KF 80 H<sup>2</sup>**  
**KF 90 H<sup>2</sup>**  
**KF 60 HD<sup>2</sup>**  
**KF 65 HD<sup>2</sup>**  
**KF 70 HD<sup>2</sup>**  
**KF 80 HD<sup>2</sup>**  
**KF 90 HD<sup>2</sup>**  
**KF 80@900 HD<sup>2</sup>**  
**KF 100 HD<sup>2</sup>**

6.000 / 10.000 kg  
600 / 900 mm

**96 V**



Specifically designed to handle heavy loads inside containers, models from 6,000 to 10,000 kg capacity are available with single or twin wheels, providing maximum manoeuvrability and reliability.

**KZ 100 H**  
10.000 / 600 mm  
**KZ 120 H**  
12.000 kg / 600 mm

**96 V**



Designed to handle extremely heavy loads in containers, the K 100-120 H provides high performance levels and wide manoeuvrability thanks to a set of cameras that ensure maximum visibility at the rear during challenging handling manoeuvres. The K 120 H is the only forklift truck with a compact size and 12,000 kg capacity that can operate inside a container.

## SPED

Special Product  
Engineering Department

### SPECIAL FORKLIFT TRUCKS

Capacity up to 20,000 kg



The company's extreme flexibility and potential is fully expressed in the SPED department, created to make special machines designed to meet customers' specific handling needs. Carer can offer endless opportunities thanks to its SPED department.

## TECHNOLOGY. DEVELOPMENT. INNOVATION.

Continuous investment in research, innovation and the study of components are the basis for the design and development of Carer products: frames, axles, motors, hydraulic and electronic systems are the result of skilled and careful evaluations that allow our trucks to reach high performances, long autonomy and durability.

- The high productivity of Carer forklift trucks, designed in according to structural calculation programs and distributed only after rigorous tests on components and finished products;
- the attention paid to ergonomics and operator safety;
- reduced levels of vibration and noise;
- the low energy consumption and long autonomy;
- a significant reduction in operating costs and the knowledge to use clean energy with minimal environmental impact due to the absence of emissions;

these are all aspects that make the Carer products a viable alternative to internal combustion trucks.





## **SPED DEPARTMENT**

**Special Products Engineering Department**

### **The right solution, first time right.**

The standard range of Carer forklifts is the result and the synthesis of years of experience in the field with customers and their particular requirements, whilst the Carer SPED Department is an open window of the future.

The opportunity to study in close and in depth collaboration with customers special handling solutions that can meet even the most complex and demanding needs, is the difference between choosing Carer or to settle for a standard products

that the forklift market can offer.

When we talk about special trucks, the customer is often the real designer of the ideal forklift for his requirements, and Carer SPED department makes it possible to turn ideas into reality: being aware that there is almost always a solution to a particular handling problem, we encourage customers to share with us their issues so that we can jointly develop new handling alternatives, when the standard range of products does not comply.



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