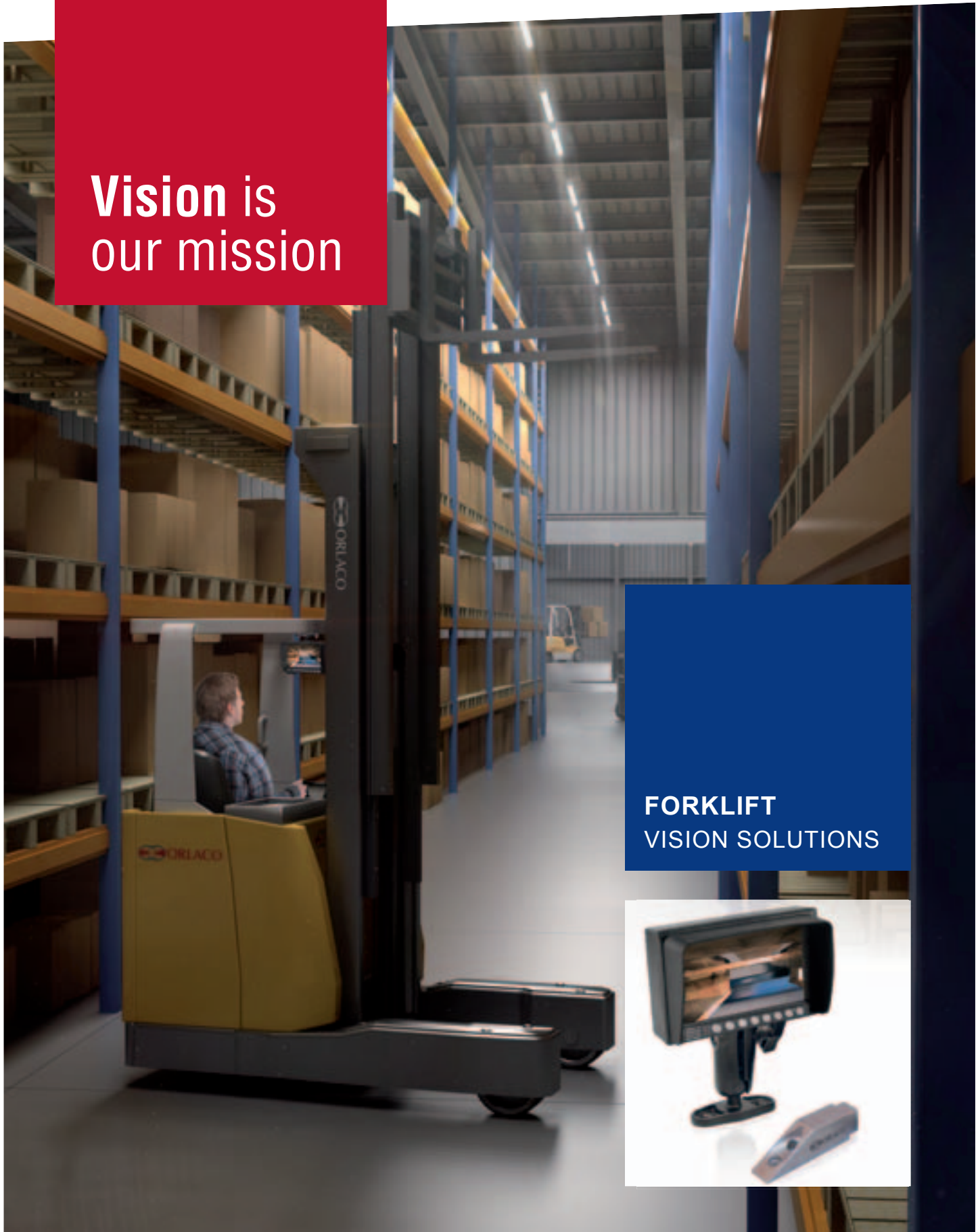


**Vision is
our mission**



**FORKLIFT
VISION SOLUTIONS**



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Select
your
forklift

Let us **improve** your every day job



Improved safety

The environment that forklifts work in can be very hectic. The lift heights are higher today which makes it more difficult for the driver to see the position of the forks. If in addition to the area surrounding the forklift you want to see the position of the forks as well as in front and along side the load, consider an Orlaco forklift system. An Orlaco camera system for forklifts shows a crystal-clear image of the forks and/or surroundings, it is an ideal solution. Moving goods with a view is what it is about. Less risk, improved safety.

Improved efficiency

Forklift trucks are an important asset in your logistics. They are a necessity when moving goods. Their agility allows you to optimize the utilization of valuable storage space. However, the driver must manage with his own view. Maneuvering between racks and moving pallets requires continuous attention. The only limitation for speed and efficiency is the view that the driver has. View of the position of the forks, the load or the surroundings of the forklift truck. We have developed a camera-monitor system that assists drivers in working safer, faster and more comfortably.

Reduced damage

The driver has to deal with different rack heights, valuable goods and ever changing surroundings. Damages can occur easily, either on the forklift truck itself, people, goods or racking. An Orlaco vision system shows everything that the driver needs to see. The forks, the load or the surroundings. A better view increases awareness and reduces risks.

Improved ergonomics

Continuously looking up and backwards is a burden on neck and back. Fatigue reduces concentration, precision, speed and efficiency. The Orlaco camera-monitor system improves this considerably. No longer does the driver have to physically turn. The Orlaco vision solution ensures that the driver can see all that is required while enjoying correct posture.



Forklift sight solutions



Mid-mastview



PAGE 21

The **Mid-mastview** system shows the driver on the monitor the view along the fork after the freelif stage. This allows correct positioning. Also, this configuration provides a view on the racking when non-Euro pallets are used

With a **Mid-mastview** system the camera is mounted (mostly on an additional bracket) on the cross member of the inner mast stage. The sturdy monitor comes with a fully adjustable clamp bracket that is mounted on the reach truck's guardrail.



Forkview



PAGE 18

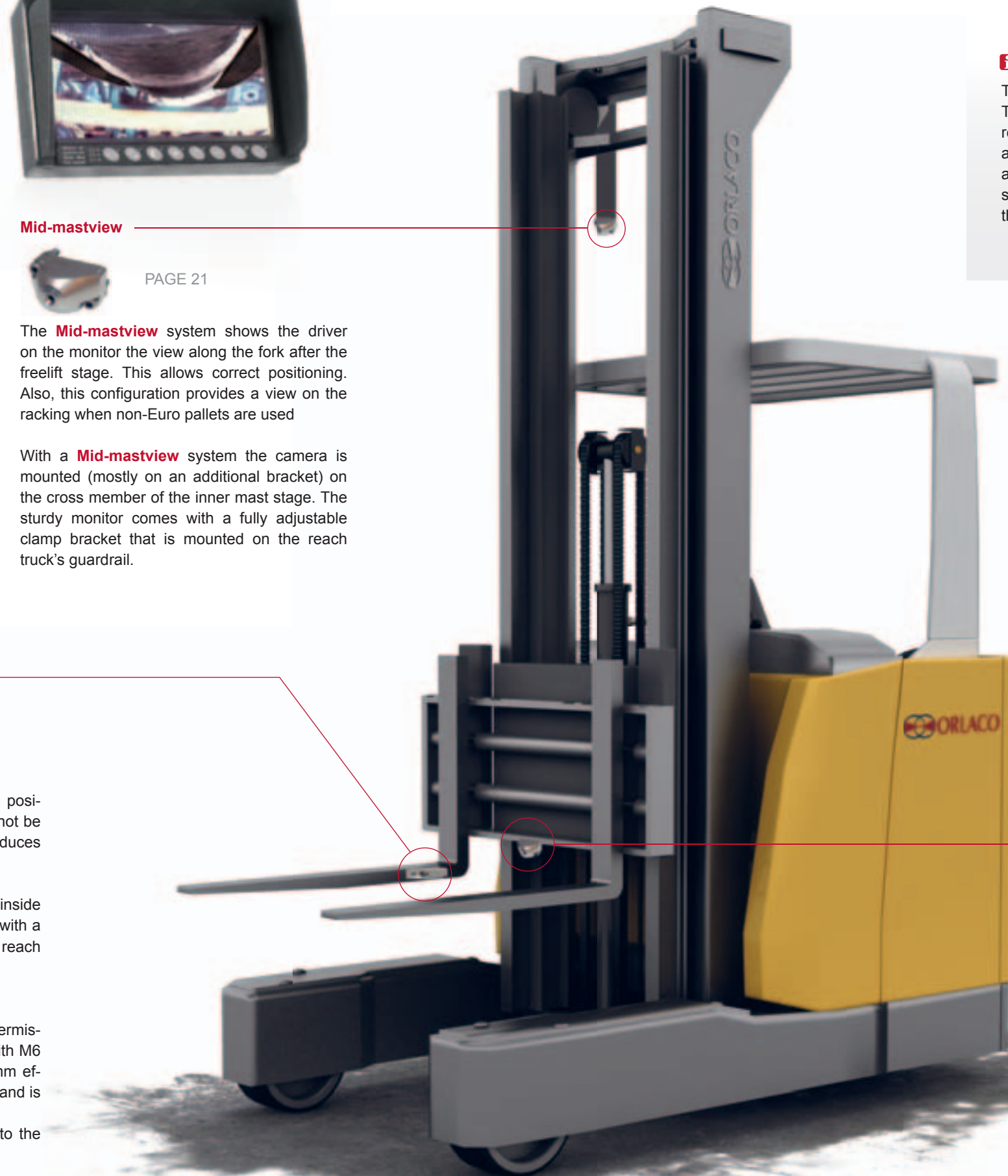
On the monitor the **Forkview** system shows the operator the view along the fork. This allows correct positioning of the fork. Shoulder- and neck muscles need not be strained anymore. Also correct positioning of loads reduces damages.

The **Forkview** system has a camera mounted at the inside of the right-hand side fork. The sturdy monitor comes with a fully adjustable clamp bracket that is mounted on the reach trucks guardrail.

Important

Drilling holes in the fork is only allowed with formal permission of the fork manufacturer. To mount the camera with M6 bolts, holes of 11mm deep are drilled, resulting in 9mm effective thread. This is 1.5 times the length of a M6 bolt and is sufficient to hold the M6 bolt.

Orlaco can not be held responsible for any damage to the forks or damage resulting from malfunctioning forks.



Information

Telescopic forks allow flexibility when moving pallets of different sizes. The long forks allow for double-deep storage of pallets. The greater reach of the truck requires the driver to pay even closer attention. The area that needs to be scrutinized is even larger. This is simplified with an Orlaco camera mounted in the fork carriage. In cooperation with the supplier of the telescopic forks, the camera may also be integrated on the fork.

See more
Work more



View-on-forks



PAGE 20

The **View-on-forks** system allows the driver to see on the monitor an optimal view along the fork. This allows correct positioning, without making the fork wider.

With the **View-on-forks** system, the camera is mounted under the fork carriage. The sturdy monitor comes with a fully adjustable clamp bracket that is mounted on the reach trucks guardrail.



Rearview



PAGE 22

The **Rearview** system allows the driver to see the area behind the truck on the monitor. This enables the driver to see what is happening behind the truck, as well as in the aisle when backing out of the racking. This helps to reduce risks for goods and personnel.

With a **Rearview** system, the camera is mounted on the back of the mast on one of the cross members. The sturdy monitor comes with a fully adjustable clamp bracket that is mounted on the cabin roof, or inside the cabin.

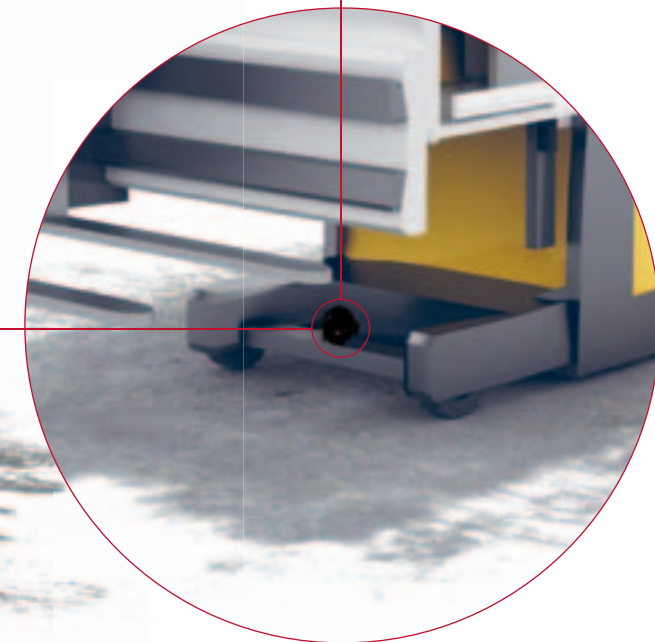


Frontview



The **Frontview** system allows the driver to see the area directly in front of the truck on the monitor. When the cabin is raised the driver maintains a direct view of the aisle below. This helps to reduce risks for goods and personnel.

The **Frontview** system has a camera mounted at the bottom of the chassis. The sturdy monitor comes with a fully adjustable clamp bracket that is mounted on the cabin roof, or inside the cabin.





Frontview



The **Frontview** system allows the driver to see the area in front of the forklift truck. Even with a load on the forks, the driver maintains a view of what happens in front. This helps to reduce risks for goods and personnel.

With a **Frontview** system the camera is mounted on the mast's fixed outer stage. The sturdy monitor comes with a fully adjustable clamp bracket that is mounted in the truck's cabin.



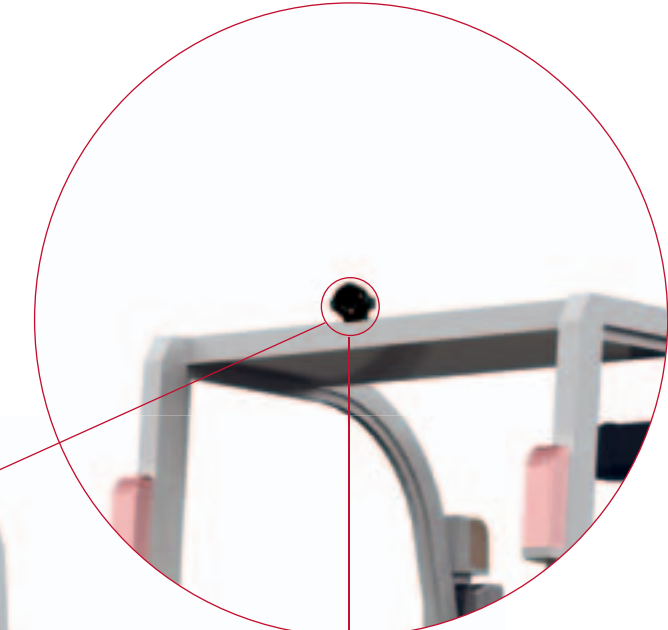
View-on-forks



PAGE 20

Loading and unloading of trucks often requires the forks to be at a height where the view of the forks is blocked by the fork carriage. The **View-on-forks** system allows the driver to maintain a view of the forks.

With a **View-on-forks** system the camera is mounted in or under the fork carriage so that the driver gets a complete overview of the area around the forks. The sturdy monitor comes with a fully adjustable clamp bracket that is mounted on the reach truck's guardrail.



Rearview



PAGE 22

In confined areas or unclear situations it is often difficult to estimate the space behind the forklift truck accurately. Also, frequent driving in reverse causes strain on the driver's neck- and shoulder muscles. The **Rearview** system ensures a safe environment in which the physical strain for the driver is minimal.

With a **Rearview** system the camera is mounted on the back of the truck. The sturdy monitor comes with a fully adjustable clamp bracket that is mounted in the truck's cabin.

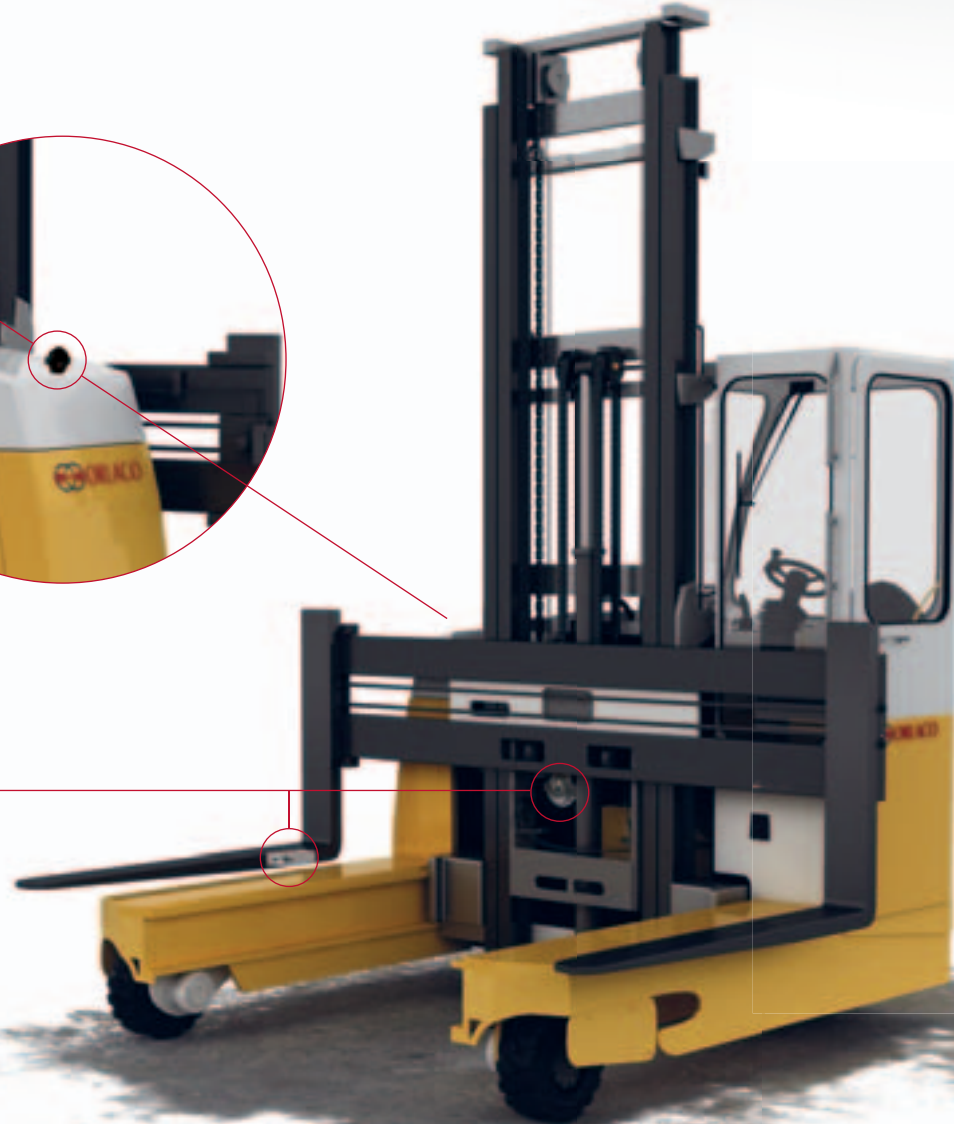


Frontview / Rearview

PAGE 22



In confined areas or unclear situations it is often difficult to estimate the space in front of the forklift truck accurately. Using a **Frontview / Rearview** system ensures a safe environment. The driver can see on the monitor what is happening right around of the sideloader which enables correct and safe maneuvering.



Forkview / View-on-forks



PAGE 18-20

When handling loads with a sideloader it is often not possible for the driver to see the forks. Using a **Forkview** or **View-on-forks** system allows the driver to see on the monitor where the forks are to be positioned. This helps to reduce risks for goods and equipment.

The **Forkview** system has a camera mounted at the inside of the right hand side fork. The camera of the **View-on-forks** system is mounted in or under the fork carriage. The sturdy monitor comes with a fully adjustable clamp bracket that is mounted in the truck's cabin.



View-on-forks



With a **View-on-forks** system the camera is mounted on the end of the boom. This allows the driver to see the attachment on the monitor which enables optimal positioning.

The sturdy monitor comes with a fully adjustable clamp bracket that is mounted in the truck's cabin. The installation of the cable on the boom depends on the configuration of the telehandler.



Rearview



PAGE 22

In confined areas or unclear situations it is often difficult to estimate the space behind the telehandler accurately. The **Rearview** system ensures a safe and concise environment in which the physical strain of the driver is minimal.

With a **Rearview** system the camera is mounted at the back of the telehandler. The sturdy monitor comes with a fully adjustable clamp bracket that is mounted in the cabin.

Topview



The **Topview** system allows the driver to see the area in front of the container. When a container has been picked up, the driver maintains a view of what happens in front. This helps to reduce risks for goods and personnel.

With a **Topview** system the camera is mounted at the top of the boom. The camera is aimed so that the monitor shows an image of the area in front of the reach stacker. The installation of the cable on the boom depends on the configuration of the Reach Stacker.



View-on-twistlocks



PAGE 24, 25

When picking up containers the correct positioning can be difficult. The **View-on-twistlocks** system can assist the driver and simplify this task.

With a **View-on-twistlocks** system a camera is mounted on each side of the spreader, aimed at the twist locks. Each camera's image is shown on its own monitor.

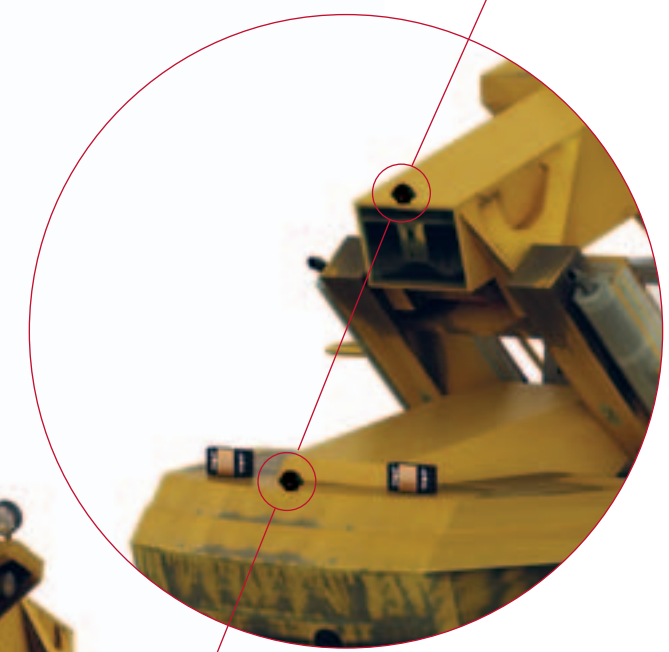
Rearview



PAGE 23

When maneuvering with a reach stacker it is often difficult to estimate the space behind the vehicle accurately.

With a **Rearview** system the camera is mounted at the back of the Reach Stacker. The sturdy monitor comes with a fully adjustable clamp bracket that is mounted in the cabin.



Combined sets

The **View-on-twistlocks** or **Topview** system is often extended with an extra camera for **Rearview**. By using the truck's driving direction signal, the image from the **Rearview** camera can automatically be shown when the truck is put in reverse.



Rearview



PAGE 23

When maneuvering with an ECH it is often difficult to estimate the space behind the vehicle accurately. Due to the frequency of driving in reverse the operators neck and shoulder muscles are under strain. The **Rearview** system ensures a safe environment in which the physical strain for the driver is minimal.

With a **Rearview** system the camera is mounted at the back of the Empty Container Handler. The sturdy monitor comes with a fully adjustable clamp bracket that is mounted in the cabin.



View-on-twistlocks



PAGE 24

Empty containers are stacked to save space. When picking up containers the correct positioning of the spreader can be difficult. The **View-on-twistlocks** system can assist the driver and simplify this task.

With a **View-on-twistlocks** system a camera is mounted on each side of the spreader, aimed at the hooks. Each camera's image is shown on its own monitor.



Combined sets

The **View-on-twistlocks** system is often extended with an extra camera for **Rearview**. By using the truck's driving direction signal, the image from the **Rearview** camera can automatically be shown when the truck is put in reverse.

We take away concerns, so you can stay **focused**



Vision

Orlaco's viewpoint is that optimal vision around every vehicle and vessel should be a given. And not just because of legal regulations. After all, optimal vision provides a lot more: safety, comfort and efficiency. These are advantages that benefit everyone.

We work based on a well-founded strategy. We supply a professional vision solution for every situation in a segment that is developing into one of the largest global accessory markets. And we do so using a method that provides the freedom to develop for the future. We are therefore working to achieve a leading position.

Mission

Vision is our Mission. After all, we want to offer optimum vision. A ready-made and tailored solution that you can rely on. To realise this, we want to be the leading partner of professional companies. A reliable and innovative partner. Pro-active. We align our activities to the market demands. With as the result: enthusiastic customers who strengthen our image in the market through word-of-mouth advertising.

Route

But how do we achieve this? How do we get there? Here, all of our activities are crucial. From development to delivery, with carefully employed resources and efficiently structured processes. Every day we work on certifications, testing our products and improving ease of use. All of this with the aim of delivering quality and tailor-made solutions. The guarantee must be solid and service goes without saying. Moreover, we make as little impact on the environment as possible.

Result

But what's in it for you, the user of our products? Quality and service are things to be strived for, but this should happen as a matter of course. Safety, comfort and efficiency are also fantastic. But the best thing is that with Orlaco you no longer need to worry. We are a reliable partner and supply products that are just as reliable. We will always be of service and will help you to find the right solution to your problem. The result? You can focus your full attention on your work. We remove the concern, so that you can do the work you are best at!