

Essential facts about the cameras

- You can combine a maximum of four cameras on one monitor.
- The cameras are 100% water-resistant (IP69k). The vehicle can be cleaned using high-pressure water jets without causing any problems.
- The cameras are sunlight-resistant. The machine operator always has a sharp image, even in bright or low sunlight.
- The systems are extra jolt- and vibration-resistant.
- We can help you install and set up the monitors.
- The monitor has a particularly bright image.
- All products comply with ISO 16001 and ISO 13766.

Quality processes, quality products

It takes a specialist to develop and manufacture a camera for off-road vehicles, so it is no coincidence that the global market leader in the field of earth-moving machines opted for Orlaco products. Since its very inception, our organisation has been characterised by innovation and a focus on quality. Our products surpass even the strictest applicable standards. All of our business processes—from production to after sales—comply with the standards ISO 9001-2000 and ISO 14001. The availability of electronic products is guaranteed in accordance with the requirements for EMC certification.

Orlaco in brief

- In-house product development, production and maintenance
- Supplier of a global standardised product
- Support services include advice, installation and maintenance
- Customisation options available
- Extensive range of camera and monitor systems for a wide variety of vehicles



Orlaco - a helping hand

To help people work safely, effectively and in comfort thanks to optimum vision in and around vehicles and ships. That has been Orlaco's mission since 1988. We fulfil that mission by combining innovation and quality: either by integrating new technology into tried-and-tested solutions or by using proven technology in new solutions. In recent decades, we have developed camera and monitor systems for applications such as lorries, ships, cranes, forklifts, earth-moving equipment and military vehicles.

OEMs, dealers and end users rely on us as a committed partner keen to share ideas, and see us as a major player that knows how to exceed the expectations of customers and machine operators. Experience it for yourself.

Vision is Our Mission!

For further detailed information please refer to www.orlaco.com



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The camera/monitor systems by Orlaco are entirely conform the latest CE, ADR and EMC specifications and are produced conform the ISO 9001-2000 quality system.

Your Orlaco-dealer is:

0994450

 **ORLACO**
Specialised Camera Solutions



Eye for earthmoving



Vision is
our Mission

What every machine operator wants to see.

Effective camera/monitor solutions for earth-moving machines.

Work safely and accurately

The Orlaco camera system makes it possible to keep an eye on the area that the machine operator normally cannot see at all: the area immediately surrounding the machine. It's well known that with large off-road vehicles the area directly in front of and directly behind the vehicle is concealed, and it is precisely that area that is crucial for working safely and accurately. It is no coincidence that the ISO 5006 standard specifies that the area 1 metre around the vehicle must be clearly visible to a height of 1.5 metres. New earth-moving equipment must now comply with this standard.

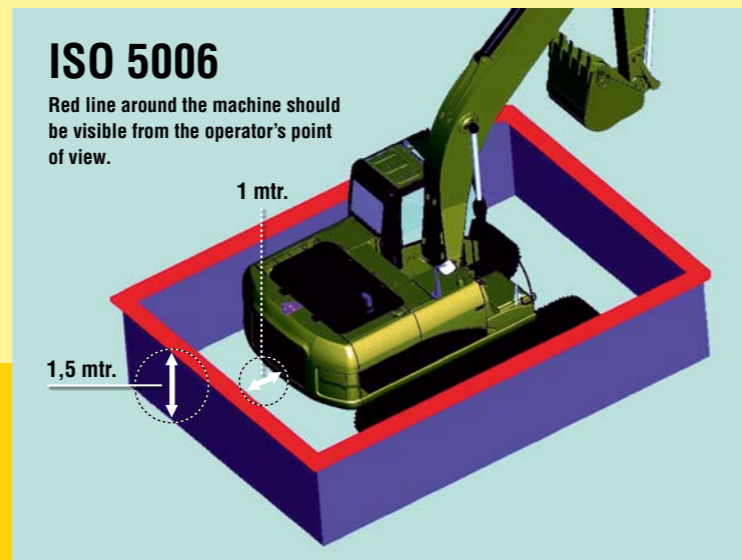
The secret to productivity

Whichever project your earth-moving machines are involved in, productivity is key. This requires effective machine hours, during which the maximum quantity of earth or other materials is moved as accurately as possible. The secret? Good interplay between an expert machine operator and a functional machine. That's an excellent reason for you to find out about vision solutions from Orlaco. We have developed a camera and monitor system that helps machine operators to work more safely, quickly and comfortably. So that's an advantage for the machine operator and an enhancement for your earth-moving machines.

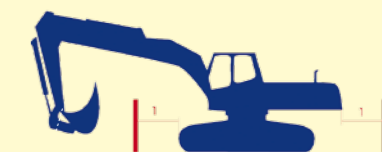
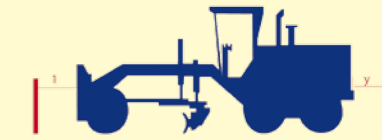


The camera: a sharp image at all times

The Orlaco camera has to operate outside, so the camera is equal to even the most challenging conditions. Water, earth, frost, jolts, vibrations, bright sunlight? The image stays sharp. The ISO 5006 standard places heavy demands on cameras for off-road vehicles, but Orlaco has set the bar even higher, working in conjunction with the major manufacturers of earth-moving machinery. The cameras exceed the requirements in essential areas, such as those regarding resistance to jolting, vibrations, water and extreme temperatures. That is no coincidence. It is precisely in these extreme work conditions that good visibility is jeopardised. Thousands of machine operators around the world now know that they can rely on their Orlaco camera.



Machines involved according ISO5006:



The monitor: super sharp and comfortable

The solution from Orlaco makes life very easy for the machine operator. He has a colour monitor in his cab that shows the area around his vehicle in a super-sharp image. If necessary, he can view images from a maximum of four different cameras on a single monitor. This enhances both safety and comfort — the machine operator has the risk area permanently under control with only a few glances, and there is no need to adopt strenuous positions in order to see. This makes the Orlaco system an extremely ergonomic solution.

