



Transparent Bucket

IMAGE SOURCE: DOOSAN INFRACORE EUROPE S.R.O.

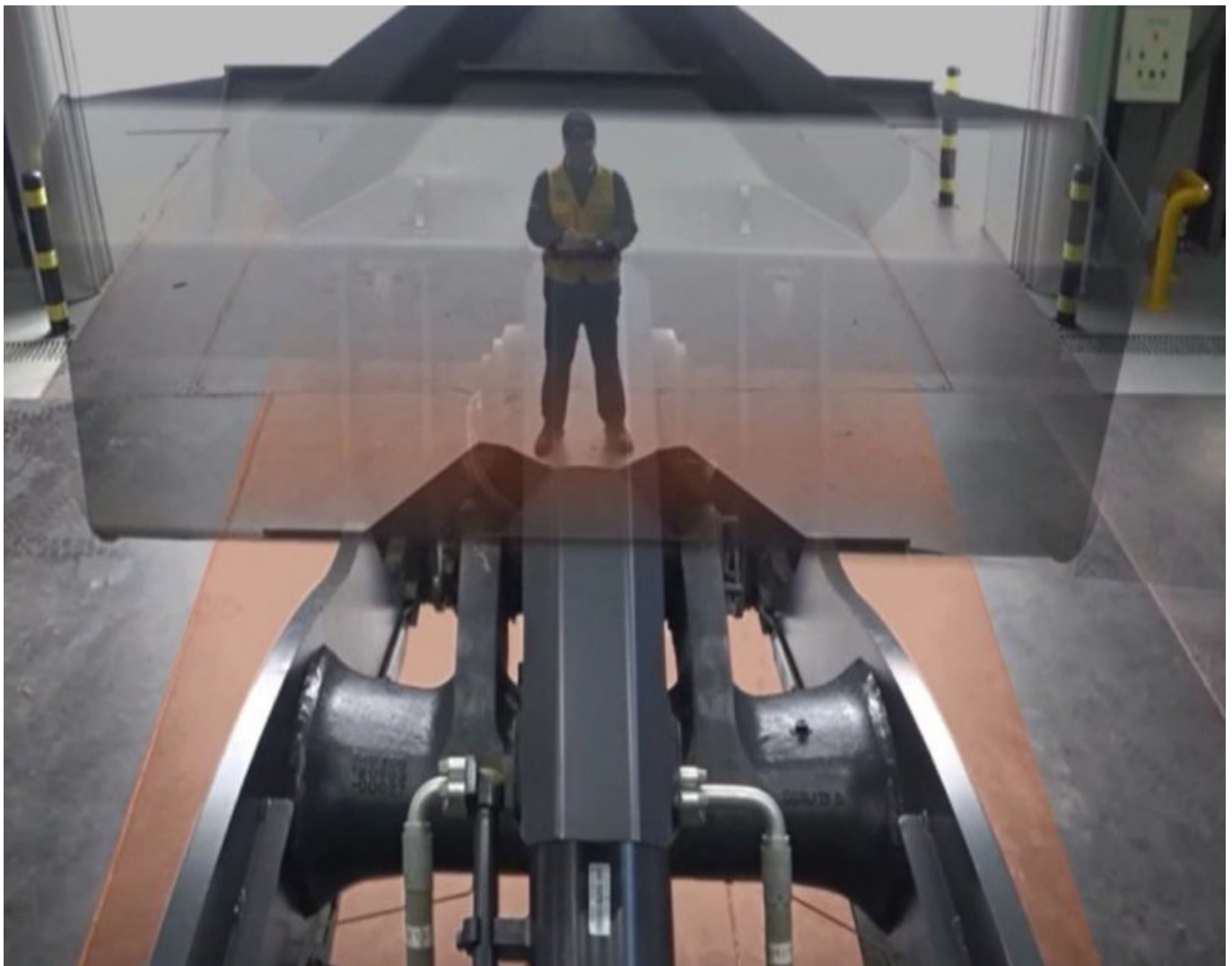
Doosan Launches New Wheel Loader 'Transparent Bucket'

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- New transparent bucket greatly increases operational safety -
- Shows the driver the blind spots at the front of the loader -

Doosan Infracore Europe has launched the industry's first wheel loader 'transparent bucket' system. The transparent bucket is a system that allows the wheel loader driver to see blind spots in front of the bucket on the machine, using the monitor in the cab. The innovative system records images in front of the wheel loader with top and bottom front-loaded cameras and shows combined images on the cab monitor in real time using a curved projection method.

Owing to blind spots caused by the buckets on wheel loaders, the area in front of the machines has been considered an area of major concern in terms of safety. With the new Doosan transparent bucket function, however, the driver can easily check the blind spots in front of the bucket via the cab monitor, to increase safety and prevent accidents. Another advantage of the transparent bucket system is that it can significantly improve work efficiency by providing a forward-view perspective for the driver during loading/unloading or when carrying materials such as aggregates, sand and soil.



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Patents Applied for in Korea, North America, Europe and China

Doosan Infracore is the first company in the world to develop and apply a front projection function with the transparent bucket for construction machines and has applied for patents in Korea, North America, Europe

and China.

Doosan has also developed further sophisticated cutting-edge safety systems for the company's machinery range, such as the around view monitor (AVM) system, that can observe the machines' surroundings, and a rear warning system using ultrasonic sensors, which have both received very favourable responses from customers.

A Doosan Infracore spokesperson commented: "As machinery and site safety standards continue to be significantly raised around the world, advanced safety systems have become a key factor in selecting equipment. We plan to continue developing safety features that can protect drivers and other workers on site, and we aim to be at the forefront in creating construction sites that are safer and accident-free."

Caption for pictures - Doosan Infracore has introduced the world's first wheel loader 'transparent bucket', that allows drivers to see blind spots in front of the bucket on the machine. The images show the transparent bucket being used.

Source: DOOSAN INFRACORE EUROPE S.R.O.