

## Different variants of roller brake testers for different solutions

In order to meet all our customer needs and requirements we have developed a numerous models of roller brake testers.



Roller brake tester CERTUS CRB 13 – lifted version (designed to test multi-axles vehicles to simulate bigger load of tested)



Free run rollers – combined with standard roller brake tester allows to test vehicles with small or unique track



Roller brake tester CERTUS 3,5 – asymmetric (for testing vehicles with small or unique track, like 3-wheelers and ATVs)

# WSOP - who we are?



WSOP started its adventure with automotive in 1994. We have become a manufacturer of CERTUS test lanes and Cleanart jet washes. Our products are successfully used in Europe, Asia and Australia.

In 2019, in our 25th anniversary, we have launched new research and development facility with a highly advanced testing laboratory. This place allows us to search for new modern solutions for our equipment, their construction and manufacturing. It helps us to stay flexible and respond fast to our customers' needs.

**WSOP.PL**

WSOP Sp. z o.o.  
ul. Dworcowa 62, 44-190 Knurów, Poland  
info@wsop.pl

## CERTUS

*test lanes  
– innovation for safety*



For more than ten years, made by WSOP, Certus test lanes provide professionals with efficient tool for checking the roadworthiness of all types of vehicles. Developed by our R&D team together with our customers, ensures:

- Stability
- Reliability
- User friendly interface
- Eye catching design

## Mobile inspection centers – safety on road

We developed two different solutions for mobile inspection centers designed for on-road vehicle checks. Both successfully used by Polish Road Transportation Inspection.

### Self - unloading fully equipped inspection container



Fully automatic container with electrohydraulic loading/unloading system and rotation device underneath, allowing to easily change the drive through direction and work on small area.

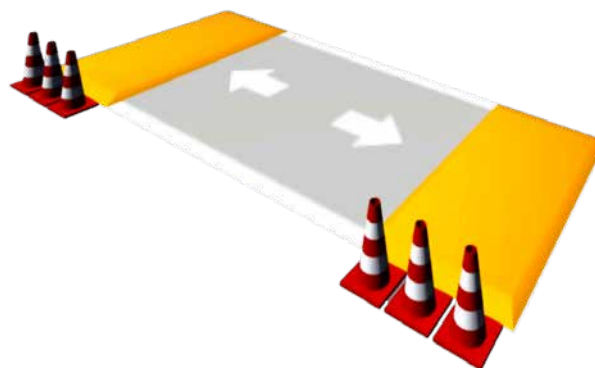
### On truck inspection center

Test lane unloaded with special crane to be placed next to inspection truck equipped with office for operators and technical room. Durable specially designed container integrated with truck chassis.



## Dynamic kick plate – for drivers' training

This machine is a part of the training lane in drivers' training center. It is designed to simulate a vehicle's skid. During the training course, the vehicle is driven with specific speed on the plate, and specially designed electronic systems launch fast movement of the plate, "a kick", which destabilizes the vehicle rear axle and simulates a loss of the traction situation. Next, the vehicle enters a very low friction slide area, that is additionally covered with a thin film of water. It is the driver's task to take control of the destabilized vehicle and avoid collision with water curtains which are included in the slide area and activated automatically and randomly by the system.



Dynamic kick plate DPS 80 is a highly advanced machine designed with high precision as a combination of steel and concrete construction with sophisticated electronic control system. It is designed to work in extremely heavy conditions, with huge loads and overloads.

Mechanical system of the kick plate is based on a specially designed steel guides allowing for very fast and dynamic movement under huge load.

The hydraulic system of the machine is a state of the art one. It allows not only to generate enormous force able to move the plate with the truck on it, but also ensures possibility of making 5 complete cycles in just one minute.

## Hydraulic play detector - robust and dynamic

CERTUS play detectors are available in two different variants – for vehicles up to 4T axle weight and up to 20T axle weight. Both types are 8 directions, electro-hydraulic devices. Machine is controlled with a wireless remote controller equipped with very bright torch.



Our play detectors are very dynamic thanks to high-capacity hydraulic unit. The electric engine is an air-cooled unit installed at the top of the oil tank.

High durability of the play detectors is ensured by very robust construction of the frame and steel, chrome-plated sliders.

