

Tachograph inspection & calibration



- Rolling road for tachograph inspection and or calibration of commercial vehicles up to 13 tons axle load
- Lift threshold between the test rollers for uncomplicated driving in, out or over
- Easy operation and control using wireless command- and communication devices
- Integrated wheel circumference measurement with photoelectric sensor and real-time signal processing
- Rugged and waterproof roller mechanism with galvanization, also suitable for use in open air
- Rolling road comes in a Plug & Play configuration and therefore having a very short setup time
- Rolling road can be equipped with additional options for the testing of permanent four-wheel drives

Description:

The roller set (RS) is a rolling road for testing of analogue and digital tachographs and other display devices for road speed and / or velocities. It serves the calibrated rolling of wheels over any distance with the vehicle remaining stationary. (Approval PTB: PGK.2-91.02).

The resulting length proportional signals are passed on to a roller interface module that works with the radio-controlled handset or tablet computer via Bluetooth and connects to the tachograph or speed limiter.

Laterally mounted light barrier systems are used for both monitoring test sequences and for counting the number of wheel revolutions. It is used simultaneously for the rolling road's self calibration. The photocells operation can be assembled for left-hand or right-hand driven vehicles or being used in a dual mode operation.

This rolling road allows convenient driving in and out through the standard integrated lift threshold and saves you from now on the rolling of the test section on a separate 50m distance outside of your workshop while ensuring always the same measurement conditions at a possible test speed of e.g. 50 km/h to a maximum of 110 km/h.

This provides you an enormous plus in time savings and a much greater sense of security arises with respect to the risk of accidents which you would otherwise be taken into account when running on public roads.

The RS is produced by its factory in a plug and play configuration ready for use within a short setup time. The robust and weather-proof roller mechanism allows also to work in open air conditions. Other options available allowing the expansion or extension of the functions of the rolling road, providing you a good level future security for your investment.



Options:

RS 360

- Equipment for ground-level installation
- Central cover plate for work pit installations
- Special ramp systems
- Dual light barrier operation
- Pit safety guard system
- 4WD extension
- Speed extension (Testing speed and speed limiter)



Technical Data:

Max. Test Speed	110 km/h
Max. axle load	13.000 kg
Roller diameter	100 mm
Drive-over height	145 mm
Acceptable wheel diameter	560 ... 1.400 mm
Pulse constant	0,62 cm/Imp.
Interfaces	Bluetooth / RS 232
Air pressure required	6,5 bar (standard)

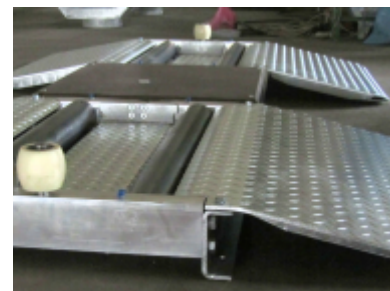
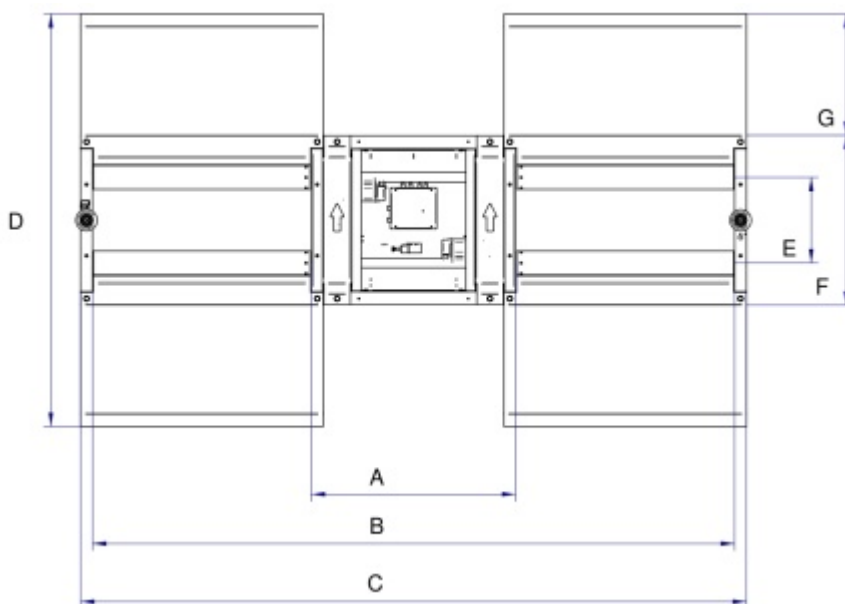
Modern, portable command devices as the control for all functions of the test stand.



	A	B	C	D	E	F	G	H
RS 360	860	2.700	2.800	1.735	360	710	510	145

All dimensions given in mm !

H = Roller set height / depth without lateral rollers



Rev: A * 01.12.2024 * Änderungen und Fehler vorbehalten !