

Wheel Aligner for Truck



COMES-GL⁷

COMES G-Truck is a computerized CCD instrument for checking the alignment of wheels and axles of vehicles with GVW above 3.5, enabling measurement of trucks, buses, trailers and semi-trailers with rims in the diameter range of 11" to 25" (28"). **G-Truck** enables measurement of both two- and multi-axle vehicles.

The device has 2 active measuring heads.

COMES G-Truck is a device that performs measurements against the axis of symmetry of the vehicle frame, which is the basic load-bearing element of trucks, buses, trailers and semi-trailers for trucks, buses, trailers and semi-trailers.



COMES G-Truck – advantages:

- A complete, computerized CCD device for wheel and axle alignment measurements of vehicles with GVWR over 3.5 t.
- The measuring heads are equipped with, among other things, electronic two-axis inclinometers for vertical angle measurements and high-resolution CCD sensors/cameras for convergence angle measurements.
- Each measuring unit is additionally equipped with a laser, which allows to direct strong and focused beams to the measuring screens
- Battery-powered (wireless) power supply for measuring units.
- Wireless radio communication between the measuring units and the central processing unit.
- Measurement program for PC, displaying parameters measured in real time on the adjustment screens, creating measurement reports and allowing measurement results archiving.
- A mobile cabinet that enables to move the device easily



COMES G-Truck is a device designed and manufactured in Poland.

The device has an ITS (Motor Transport Institute) certificate (No. Z15/023/23), confirming the possibility of using the device at a Vehicle Inspection Station.





Comes G-Truck has a PC program that displays the entire measurement and adjustment process on screens.

The G-Truck device allows you to measure the following parameters:

- Total toe
- Individual toe
- Camber angle
- Kingpin inclination for the front axle wheels
- Caster angle for front axle wheels
- The difference in steering angles for the front axle
- Wheel offset angle (of an axle) – non-perpendicularity of the wheel axle to the frame axis of symmetry
- The angle of non-parallelism of the axle of the vehicle
- Wheel trace (lateral offset of the wheels of a given axle)



Turntable



Wireless measuring head with wheel clamp and expansion joint





Equipment of the COMES G-Truck *

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- | | |
|---|--------|
| • Wireless measuring heads with CCD cameras | 2 |
| • Control module (for cooperation between heads and PC) | 1 |
| • Wheel clamps with expansion joints | 2 |
| • Rear wheel screens with slings | 2 |
| • Complete scales | 2 sets |
| – Booms | 4 |
| – Boom Coupler | 2 |
| – Home Screens | 4 |
| – Toe screens | 2 |
| • Self-centering mechanism | 2 sets |
| – Long vertical hangers with frame fasteners | 4 |
| – Short vertical hangers with frame fasteners | 4 |
| – Magnetic hangers | 4 |
| – Semi-trailer sling | 1 |
| – Trailer sling | 1 |
| • Steering wheel lock | 1 |
| • Brake pedal lock | 1 |
| • Turntables | 2 |
| • Mobile cabinet | 1 |
| • Manual | 1 |
| • Laptop/PC Kit | 1 set |

* Equipment dependent on set / order

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comes@comes-gl.pl

www.comes-gl.pl

