

Wheel Alignment Machine

for commercial vehicles, type C-WAM



Basic functions:

- Non-contact measurement for toe, camber, axis of symmetry
- Single machine can measure vehicles with differently axle configurations
- Single machine can measure a range of different tyre/rim sizes
- High accuracy
- Low maintenance
- High reliability

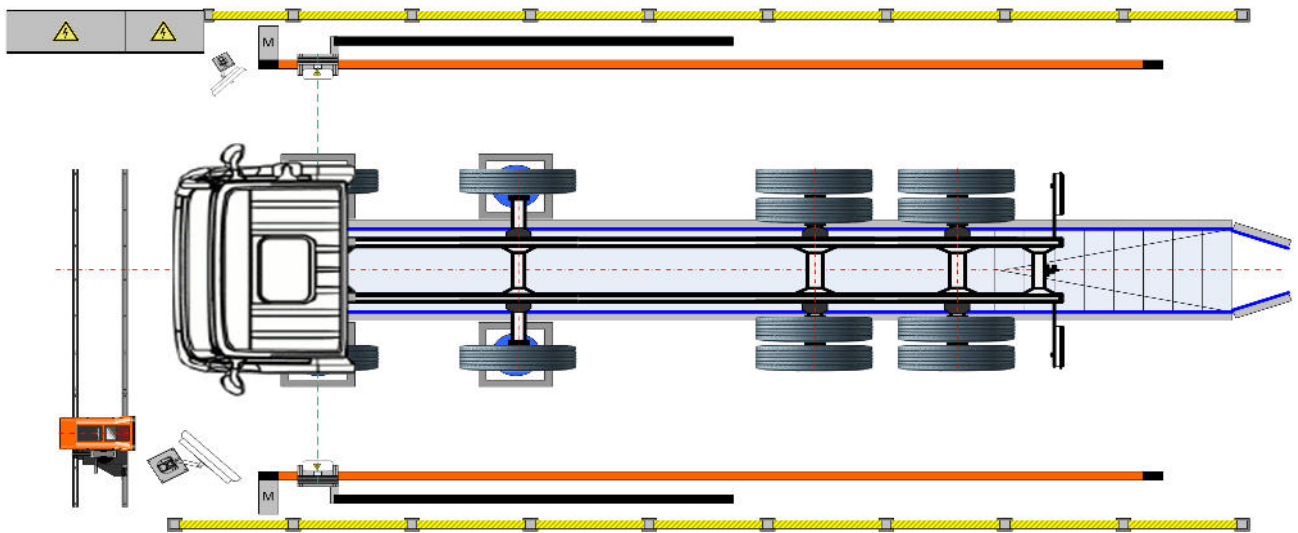
Additional possible functions:

- Integrated Headlamp Aiming Tester
- Vehicle height measurement
- Steering angle measurement and adjustment
- Driver Aid components adjustment

fact sheet:

Wheel Alignment Machine for commercial vehicles with laser stereography measurement

Layout of a C-WAM with integrated HAT and Turning Plates for steering angle measurement



Our C-WAMM can measure the vehicle geometry for all axles of a truck with only 2-off sensors. Therefore the sensors are installed on traversing unit along the vehicle. The measurement will be done axle by axle. Also a function for the rim runout compensation is integrated in the measuring cycle.

Basic Technical Data

Hardware configuration	2-off VisiCon Sensor (2 Cameras and 2 Laser arrays)
Max. Frequency	20 Hz Difference image method
No. of Laser lines	2x32
Laser class	2m

Measuring of Toe / Camber

Measuring range	$\pm 10^\circ$
Accuracy toe	$\leq 2'$
Accuracy camber	$\leq 6'$

*Measuring at the calibration frame

Measuring of Steering Angle

Max. Steering angle	$\pm 50^\circ$
Accuracy	$\pm 0.5^\circ$



For more detailed technical data, please contact us.

Hofmann Prüftechnik maintains a policy of continuous research and development and specifications are subject to alteration without notice.

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