



Techno Vector

computer-based **wheel aligners**



Product
CATALOGUE



*Precision
in Motion*



Techno Vector 5

with measurement units



TechnoVector 5 are computer-aided wheel aligners with infrared connection between measurement units and data transfer via cable or high frequency radio channel (Bluetooth).

High-precision Japanese sensors located in measurement units feed continuous information on positions of car wheels.

Digital information from the measurement units is fed to the PC (electronic unit) via cables or WiFi.

The PC continuously processes information and displays the measurement parameters on the screen.

When processing information, the errors calculated during runout compensation are always taken into account.

The computer automatically compares the measurement parameters with standards from the wheel alignment database that contains over 40 000 vehicles.

The technician works with the PC using the keyboard, mouse or remote controller.

Techno Vector 6

with no limits



Computer-based wheel aligner with no limits!

- Installation even in space-limited environment (there are no limits on the distance between the lift and the front wall)
- No limits on the width between the lift posts
- Measurement and adjustment at any height of the lift
- Not attached to a certain workplace
- Requires no assembling

Even with a low-end TechnoVector wheel aligner model you get the full range of options



Measurement units with infrared connection between the units and data transfer via high frequency radio channel (Bluetooth) are equipped with touch pad with embedded electronic levels



FREE MOTION

3D visualization of measurement results



Self-centering wheel adapters with the mobile central part fit 12" to 24" wheel disks and are compatible with cars and trucks



High-definition video cameras provide a quick and reliable target "capture" and wireless data transfer to the PC over WiFi





Techno Vector 7

3D wheel aligners

The ultimate innovation in wheel alignment

Techno Vector 7 is designed to check and perform wheel alignment on vehicles with 12 to 24" disks

The operation of the wheel aligners is based on measurements of wheel axis angle parameters by video cameras and high-precision image targets



3D visualization of measurement results

Wheel aligners include a **machine vision system** which consists of 4 or 2 video camera units located in a special housing which is installed in front of the car, and high-precision image targets

4-camera wheel aligners



2-camera wheel aligners



The use of 3D technologies allows high-precision measurements

Special camera firmware promotes a high speed screen refresh

WideScope®

The WideScope technology makes it possible to increase the range of working heights of the lift up to twice as much as similar wheel aligners of other companies



Target

Compact and easy targets

One target for each wheel

Easy to handle

Mounting wheel adapter and target easily at the same time



Rolling compensation





Techno Vector 7 Truck

for truck

- 4 digital HD video cameras
- one camera for each wheel
- determine positions of high precision image targets in space



Techno Vector 7
is the first in the world
3D wheel aligner
of conventional assembling
for heavy-duty vehicles

*Innovation in
Wheel Alignment*

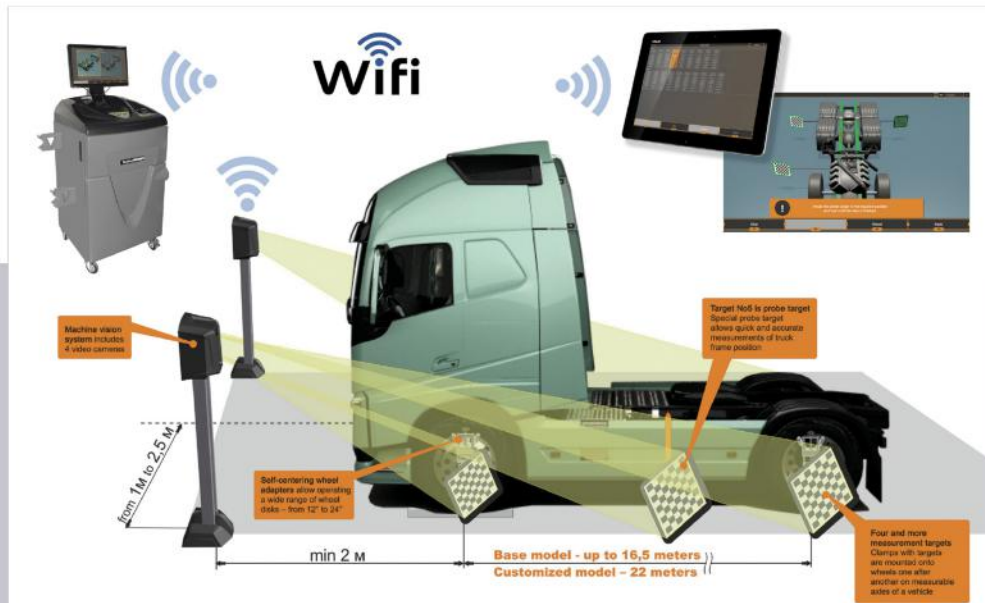
**Measurement
of truck frame
position**

Special probe target

allows quick and accurate
measurements of truck
frame position in order to
determine the vehicle
centerline



**3D
visualization
of measurement
results**



It allows taking measurements on heavy-duty vehicles with the wheelbase up to 16 meters



Techno Vector

