

THE WHEEL ALIGNER FOR EVERYONE FAST, PRECISE, RELIABLE



Integrated camera
movement system

New easy-to-use
software

Data display with 0.01°
resolution

Sensor support
from 11" to 26"
(with adapter)

NEW

Precision, quality and simplicity in every detail.

Advanced wheel aligner featuring an integrated camera movement system with manual operation. The design provides for a presetting for an additional monitor or A4 printer. It is also compatible with a trolley and incorporates a practical clamp holder, designed to improve ergonomics and organisation of the workstation.

All components are made from high-quality mate-

rials and with a modern design, in line with Mondolfo Ferro's high construction standards. TRIGON COMPACT introduces intuitive and easy-to-use software that enables rapid and precise alignment, with detailed data display up to 0.01°. The interface simplifies the operator's work thanks to easily accessible tutorials.

Access to the main setting values is immediate, reducing intervention time and increasing efficiency.

GENERAL CHARACTERISTICS

EASY TO USE

Simple graphics with Mondolfo Ferro icons.
Simple and efficient, easy to learn, quick to select.

Main unit

Complete with integrated mini PC and worktop

Handle for the movement of the camera beam.

Fast and precise movement.



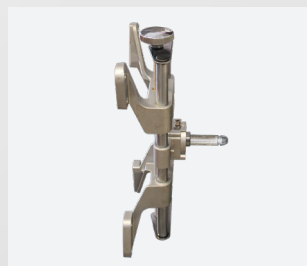
LIGHTWEIGHT TARGET HIGH-RESOLUTION

It can be detached from the clamp and is compatible with all clamps in the catalogue. Front infrared filter for enhanced immunity to solar reflections.



SUPERIOR QUALITY CAMERA

Latest generation high-resolution HI-Q camera For machine vision. Operating light indications thanks to the integrated synoptic panel. **Measurement by image difference:** Each acquisition is differentially processed by two consecutive images to eliminate measurement problems in critical sunlight conditions or in the presence of light reflections.

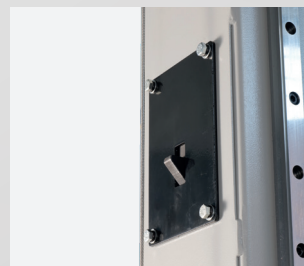


CLAMPS FROM 10" TO 26"

With adapter (optional).

LOCK RELEASE

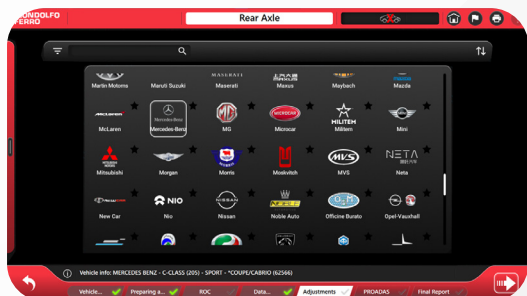
Release pedal for the camera mover locks.



NEW INTEGRATED LIFTING SYSTEM AND MANUALLY OPERATED SAFETY SYSTEM QUICK AND EASY

The camera movement kit allows the operator to work from the pit to a height of more than 2 metres. Integrated safety system, with quick release of the locks by foot pedal operation.

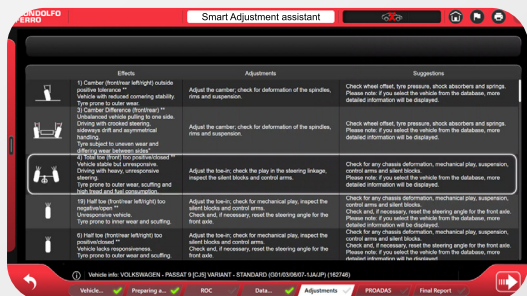
NEW SOFTWARE FOR THE WHEEL ALIGNMENT PROFESSIONAL



New modern and professional graphic interface. Specially developed for the wheel alignment specialist. Rich with **new features**, such as the lower progress bar, the **convenient** vertical pop-up selection **menu**, and enhanced data visibility in the operating area. It also features **useful quick selection icons** for the most common functions and simple wizards with clear instructions for less experienced operators. The procedure is fully customisable with an always up-to-date and comprehensive database.



- **Multilingual Windows IoT** operating system;
- **User-friendly** procedures;
- Extraordinary international database with more than **84,000 vehicles** included;
- Real-time **graphic indications**;
- **User database** for entering or changing vehicle data;
- **Factory calibrated**, only calibration verification is required during installation
- Database on **hard disc**;
- **Customer's database** for specific activities, to recall and save all customer data;
- **A.I. Intelligent** algorithm identifies critical angles, suggests corrective actions, and optimizes compensation of non-adjustable elements.



With the **CloudNext** service, the software is always updated to the latest available release.

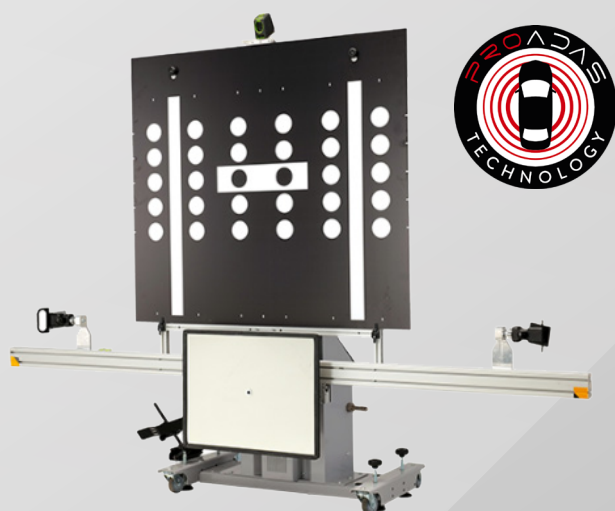
WHEEL ALIGNER COMPATIBLE WITH PROADAS

The wheel aligner is compatible with the PROADAS universal system used for the **calibration of driver assistance systems** on new generation vehicles.

Using the wheel aligner cameras, the **system for calibrating the camera and radar on board the vehicle** can be aligned precisely and quickly.

Manufacturers recommend calibrating ADAS systems after aligning the vehicle.

For further information, visit the PROADAS product sections on our website.



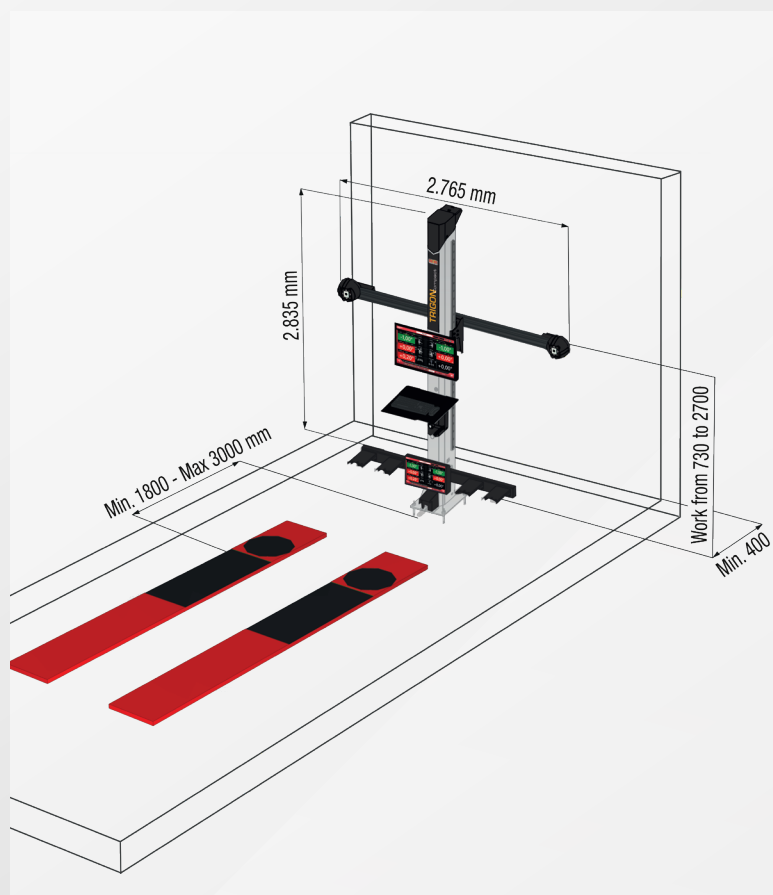
TECHNICAL DATA

Total toe	$\pm 20^{\circ}$
Individual toe	$\pm 10^{\circ}$
Camber	$\pm 10^{\circ}$
Caster	$\pm 30^{\circ}$
Kingpin	$\pm 30^{\circ}$
Setback	$\pm 22^{\circ}$
Thrust angle	$\pm 10^{\circ}$
Steering angle difference	$\pm 20^{\circ}$
POWER SUPPLY	
Power supply voltage	115/230Vac - 50/60Hz - 1 Ph
Power consumption	500 W
Camera resolution	2592 x 1944 12,000,000 Pixel

EQUIPMENT



OVERALL DIMENSIONS



For further information, please refer to the complete accessories catalogue.

ACCESSORIES

8-34900011

Carrying case with kit for calibration and check



8-34100020

Self-centring 10"-21" clamps



x4

8-34100021

26" extender kit for clamps



x4

8-33100204

Turntables with pads



8-34900072

Aligner Trolley. To use the wheel aligner in different lifts or in drive thru mode.



8-21120005

A4 Inkjet Printer

