



We are pleased to inform you that our 3D wheel aligner range has been enlarged with the new **990** model.



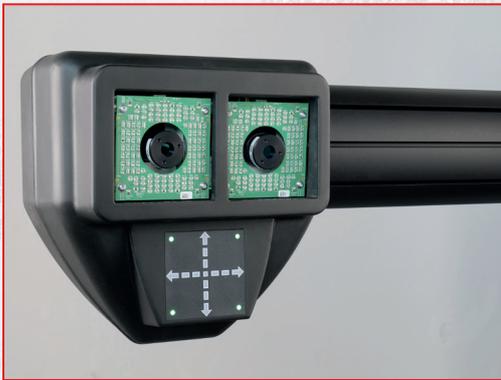
**CLAMPONTYRE**



## Features:

- Four high-resolution cameras for HI-Q artificial vision.
- New high-resolution light targets detachable from clamps.  
Compatible with new quick clamp **CLAMPONTYRE** and all catalogue clamps for 3D wheel aligners.
- New ROC SMART function, suitable for use with ClampOnTyre quick clamps.
- No problems due to sun reflection thanks to measurement by image difference.
- The Full Pack version includes a professional Personal Computer with Intel Inside CPU and inkjet printer.
- The Operating System is MULTILINGUAL Windows 10 IoT.
- TECO TOP graphic wheel alignment software, with new graphic interface and updated calculation algorithms, to increase measurement performance. International database included.
- New ergonomic design with new column and new cabinet. Additional USB ports on the work surface.
- Synoptic indicators to guide the operator during alignment operations.

- New integrated lifting system: for improved positioning accuracy.
- Target automatic tracking function.
- Preset for additional monitor or A4 printer.
- Preset for trolley use.
- Integration with **PROADAS** system.
- Suitable for cars and light duty vehicles.



### Four Hi-Q cameras with global shutter technology.

Optimised low-distortion lenses with sunlight anti-glare coating. Operation light indications thanks to the integrated synoptic panel.

The “**measurement by image difference**” eliminates measurement problems in critical sunlight conditions or in glaring conditions.

### Ergonomic work surface

The design is completed by the ergonomic work surface with additional USB ports and the presetting for an additional monitor or A4 printer (optional).



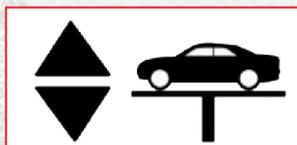
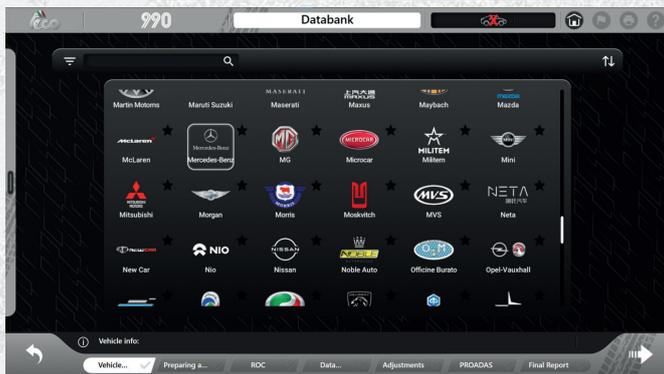
**CLAMPONTYRE**

### Compatible with the new ClampOnTyre quick clamp:

- No contact with the rim.
- Fast mounting and demounting.
- Self-centring.
- Suitable for the eccentricity compensation procedure with 3D wheel aligners.
- Lightweight and ergonomic.
- Range: wheel diameter from 19” to 32” (can be extended with specific accessories).

## SOFTWARE

New modern and professional graphic interface specifically 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.



### Target AUTOMATIC TRACKING function (Optional)

A useful help to save time. Time is saved, as the operator is no longer required to set the measuring unit working height manually.

### “Small Bays” installations

Due to the compact size and the camera technology, it is suitable for installations in small areas and installations with 4-post lifts.

**Standard equipment:**



For a correct management and an easier identification of the product when ordering, please refer to the following details:

**0-34103001/49 - 990 FULL PACK**

Supplied with measurement unit, column, PC, keyboard, mouse, 4 high-resolution lightweight targets with anti-glare filter, steering lock, brake pedal presser.

**Important:**

Together with the machine code, the customisation kit must always be ordered:

**8-34900092/16 - 990 CUSTOMIZATION KIT**

**Recommended accessories:**

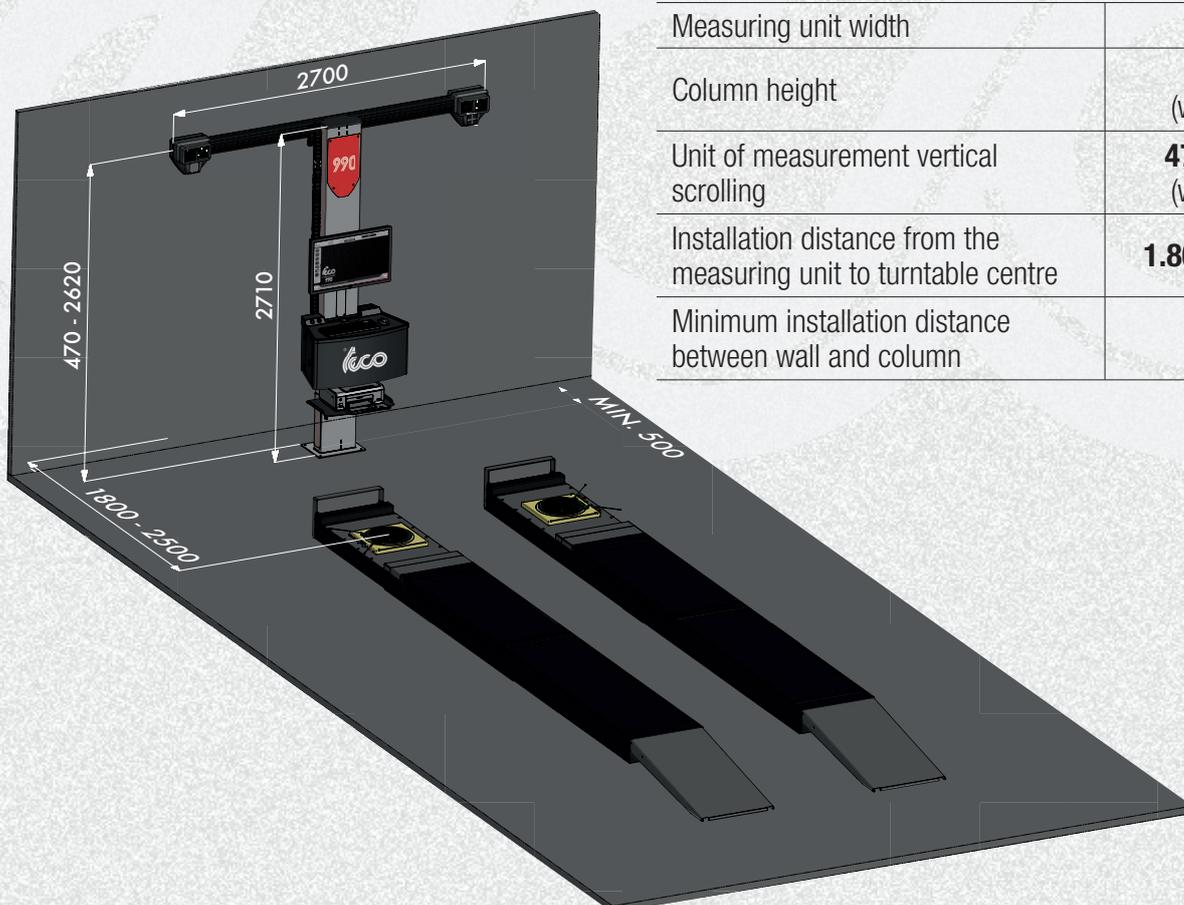
CODE	DESCRIPTION	
8-33100189	ClampOnTyre	
8-33100193	Clamps holder trolley	
8-33100192	Wall-mounting clamps support kit	 x4
8-33100190	XL extension kit (kit for one clamp)	 x1

CODE	DESCRIPTION	
8-33100191	Van extension kit (kit for one clamp)	 x1
8-34900071	Automatic target tracking enabling kit	
8-34100032	Drive on Assistance	
8-34900072/90	Wheel aligner trolley	
8-34900095/90	Printer support	
8-61200237	A4 printer	
27": 8-34120000 32": 8-31600016	27"/ 32" LCD monitor	
8-33100102	Turntables	
803259570	Additional adapter kit to be used with ROC SMART	

CODE	DESCRIPTION	
8-31100001	NexRemote	
8-34900011	Complete calibration and check kit	

**Note:** Check and calibration kit code 8-34900011 is the same as the one used for other two-camera models.

**Layout and technical specifications:**



Measuring unit width	<b>2.700 mm</b>
Column height	<b>2.710 mm</b> (without trolley)
Unit of measurement vertical scrolling	<b>470-2.620 mm</b> (without trolley)
Installation distance from the measuring unit to turntable centre	<b>1.800 – 2.500 mm</b>
Minimum installation distance between wall and column	<b>500 mm</b>

## Measuring ranges

Total toe	<b>± 2700 mm</b>
Semi-toe	<b>± 10°</b>
Camber	<b>± 10°</b>
Caster	<b>± 30°</b>
Kingpin	<b>± 30°</b>
Thrust angle	<b>± 10°</b>
Steering difference at 20°	<b>± 10°</b>

## Power supply

Power supply voltage	<b>115-230 Vac - 50-60 Hz 1 pH</b>
Absorbed power	<b>500 W</b>
Central unit (cabinet)	<b>35 kg</b>
Camera head	<b>40 kg</b>
Column	<b>125 kg</b>

For any further technical queries regarding the new wheel aligner and the new accessories, please see the related brochure.