

TEST AND GARAGE EQUIPMENT

NEW



iNEXT



3D wheel aligner  
with two-camera  
alignment system

C 880 iNEXT



Adapters up to 26" available



### Main features

**C 880 iNEXT** is a quick and reliable 3D wheel aligner with two-camera reading system. The software, developed on **Windows** operating system, is easy to use for a quick and complete alignment with graphical indications and measurements with an approximation of **0.01°**.

Developed with HPA-FAIP **design & know-how**, with components of international quality, **CE compliant** and assembled in the People's Republic of China for the world market.

#### 1. Lightweight, high-resolution, spirit level targets

They can be detached from the bracket and are compatible with all brackets in the catalogue.

Front infrared filter for **enhanced immunity to sunlight reflections**.

#### 2. Operating console with compact PC housing and **comfortable and ergonomic work surface** for better operation.

#### 3. 3D measurement system with superior performance.

Latest generation high-resolution new HI-Q 5Mp cameras for artificial vision.

Optimized monolithic low distortion lens (RAVG < 0.50% in NIR) with anti-reflection nano coating and integrated LPF filter to eliminate sunlight reflections.

**Differential measurement:** each acquisition is differentially processed by 2 consecutive images to eliminate measurement problems in critical sunlight conditions or in the presence of light reflections.

#### 4. Pair of mechanical **turntables** and **adapters** for the ROC push-type procedure, upon request.

#### 5. **Driving assistance camera** for an easy and correct positioning of the vehicle on the lift or in the workshop without the help of an assistant or mirrors (upon request).



Functional features

6. **New Camera Mover with worm-gear (PATENT PENDING)**

Motor-driven device (**CM - Camera Movement**) for a comfortable positioning of the cameras within the operating range: it allows working from ground level up to a height of 2m (upon request).

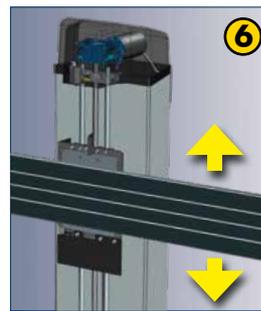
Integrated safety mechanism (**PATENT PENDING**). **LIFT LEVEL AUTOMATIC TRACKING** function (optional).

7. Professional wheel alignment programme that includes all functions required by wheel aligning specialists:

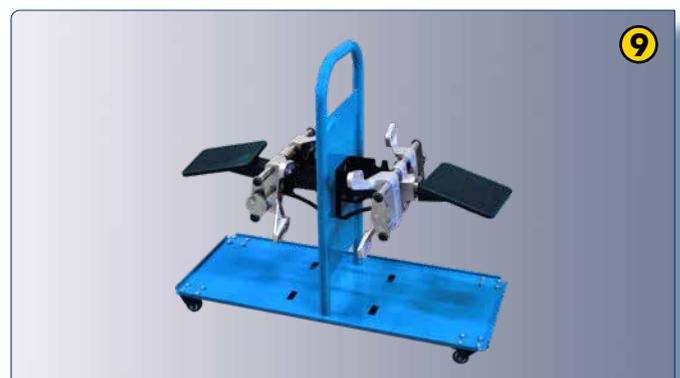
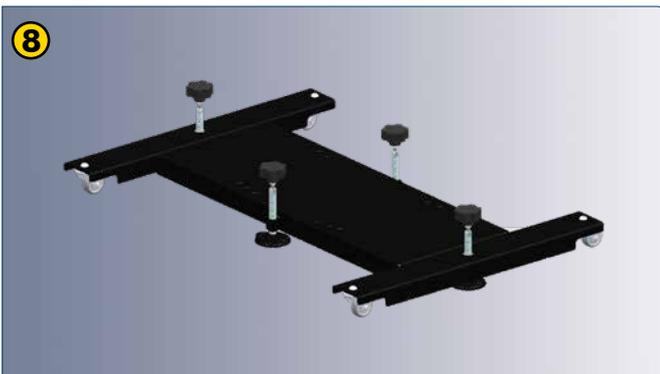
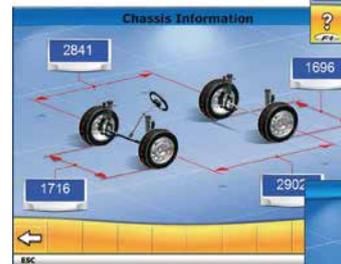
- Multilingual **Windows 10 IoT operating system**
- Instant readings: easy-to-use HPA-FAIP graphics with icon system for quick real-time access to all adjustment values; quick selection keys and wizards; complete information on the adjustment data of every single axle summarised in a summary page.
- On-line HELP, step-by-step **"tutor"** with image support.
- Wide international **Database** of car manufacturers, based on a practical **geographical division by continents** with the specifications of more than 40,000 multi-brand vehicles. Constantly updated, an **internet service** is available to get real-time data of new vehicles.
- User database** to enter new vehicle data & Job record database to save and recall all available customer/vehicle data.
- Complete frame measurement data in real time.
- Out of round compensation available in **"Skip"** and **"Push"** modes, displayed with live images and LED indicators.
- Software & DB protected by the **hardlock** system.

8. **Trolley** allowing the use of the wheel aligner on different alignment stations inside the workshop or in drive-thru mode (upon request).

9. **Trolley** to support a pair of targets/clamps (upon request).



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### Installation layout

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

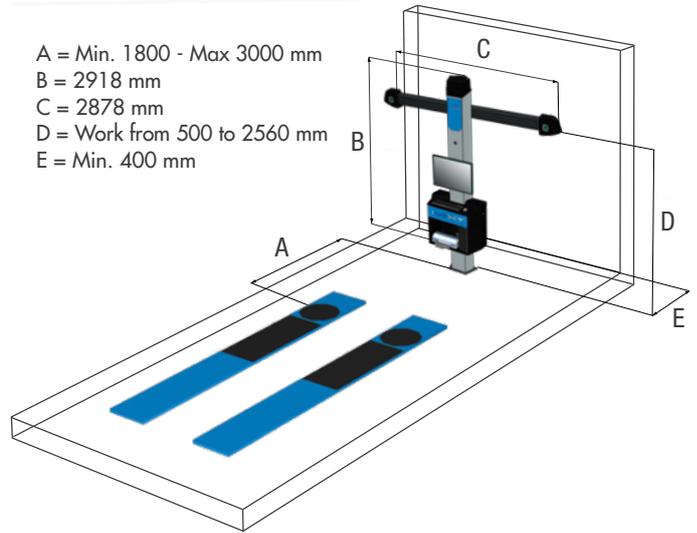
#### Installation with column:

- Compatible with pits and fork, 4-column and parallelogram lift installations.
- For 4-column lifts, the minimum internal column distance required to operate on production vehicles is of 2,950 mm.
- For parallelogram lifts, the distance between the indicated centre of the plates and the camera must be taken at a height of 1 m.

For installations with a layout other than the recommended one and for compatibility with the lift model, contact your authorised service centre.

### Dimensions

- A = Min. 1800 - Max 3000 mm
- B = 2918 mm
- C = 2878 mm
- D = Work from 500 to 2560 mm
- E = Min. 400 mm



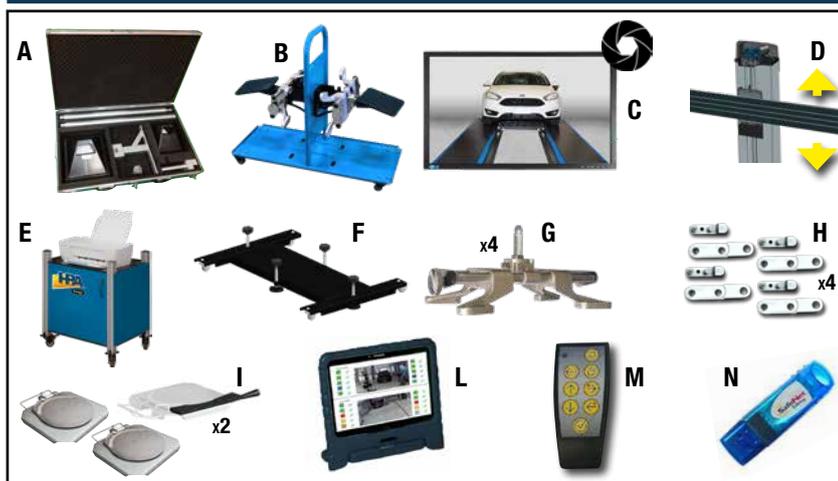
### Standard equipment



### Technical data

Measuring ranges		Power supply	
Total toe	± 20°	Power supply voltage	115-230 Vac
Half toe	± 10°		50-60 Hz 1ph
Camber	± 10°	Power absorption	500 W
Caster	± 30°	Pc Holder	11 kg
King pin	± 30°	Camera beam	26 kg
Set back	± 22°	Column	66 kg
Thrust angle	± 10°	Camera resolution	2592 x 1944
Steering difference	± 20°		10,000,000 Pixel

### Recommended accessories



- A.** 2.0 complete kit for calibration and check
- B.** Trolley for brackets and targets
- C.** Driving assistance for vehicle positioning
- D.** Camera Mover with worm-gear
- E.** Printer cabinet with wheels and door
- F.** Trolley for mobile wheel aligner
- G.** Turntable 10-21" basic brackets. 4 Pieces
- H.** 26" extension kit for basic brackets
- I.** Turntables with ROC adapters
- L.** NexRemote Tablet: Remote Control - extra monitor
- M.** Radio Remote Control
- N.** Graphic animation kit

The illustrations, configurations and technical features in this publication are intended to present the product only, and are subject to variation. To ensure correct ordering, always refer to the current price list.

