

CORGI LINEAR 3D ALIGNER



The new Corghi Linear 3D aligner with 2 camera reading system is fast, simple to use, yet reliable. The software is user friendly for precise and quick alignments. It also has a easily accessible HELP function with easy access to all adjustment values. It uses Dell a computer running on WIN 7 software and is supplied with a LCD monitor and laser printer. Automatic steering measurements directly from the targets with no need of electronic turntables. The Cubo uses a first class, world based databank and has a user databank for insert or modified customer data.

STANDARD ACCESSORIES

Complete set of 11" – 23" Rim clamps with passive targets
Wall mounting brackets for sensor holders with targets
Pair of turntables
Turntable adaptors for smooth ROC execution
Steering wheel holder
Brake pedal lock

Operators manual and spare parts booklet.

TECHNICAL DATA

Measuring range Total Toe ± 20 deg Camber ± 10 deg Castor ± 30 deg Kingpin ± 30 deg
Set back ± 22 deg Trust angle ± 22 deg Steering angle ± 35 deg
Power supply 230Vac 1ph 50Hz



CORGI EXACT BLACKTECH X PLUS 3D SERIES ALIGNER

EXACT BLACKTECH 3D, the new passive target wheel aligner technology with 8 high resolution digital cameras for maximum measurement precision. The automation of the wheel alignment operations and the extreme reliability of the components greatly enhance productivity. A PC with Windows XP, EXACT Alignment Pro and complete multi brand vehicle specs are all provided standard. With these features, EXACT BlackTech X has become an industry reference as well as a safe investment for wheel alignment professionals



Two (2) models available:

XP with fixed boom for use on a pit configuration

XR with movable boom for use on a 4-post or scissor-type hoist

Both models can be wall-mounted or mounted by means of the aesthetically eye-pleasing boom supplied by CORGI

MAIN FEATURES

- 8 High resolution digital cameras for maximum measurement accuracy and stability, the only stereoscopic system available
- Blacktag. Built with highly resistant materials. Additional sun-filter. Suitable for difficult working conditions. Does not require calibration
- Automatic camera rotation (XR). The cameras are always correctly positioned. Maximises ease of use and work speed
- 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 (XR) (see information on the layout)
- Premium PC, full vehicles specs State-of-the-art PC: DVD burner, Windows operating system, Intel inside
- EXACT Wheel alignment software. Professional wheel alignment programme that includes all functions required by wheel aligning professionals. Customisable procedure, adjustment help animations, ASA Network and Romess compatible. Always updated and full vehicle specs
- Push mode off-centre compensation makes it possible to work without lifting the vehicle and keeping the suspensions in their normal operating position. Maximum accuracy and speed

TECHNICAL DATA

Measuring ranges Total toe $\pm 20^\circ$ Half toe $\pm 10^\circ$ Camber $\pm 10^\circ$ Caster $\pm 30^\circ$ King pin $\pm 30^\circ$ Thrust angle $\pm 10^\circ$ Steering difference at $20^\circ \pm 10^\circ$

Power supply voltage 230 V ac 50-60 Hz 1ph Power absorption 500 W

Weight Central unit 75kg Camera head 35 kg Column 95 kg



8 HIGH RESOLUTION DIGITAL CAMERAS
Maximum measurement accuracy and stability.



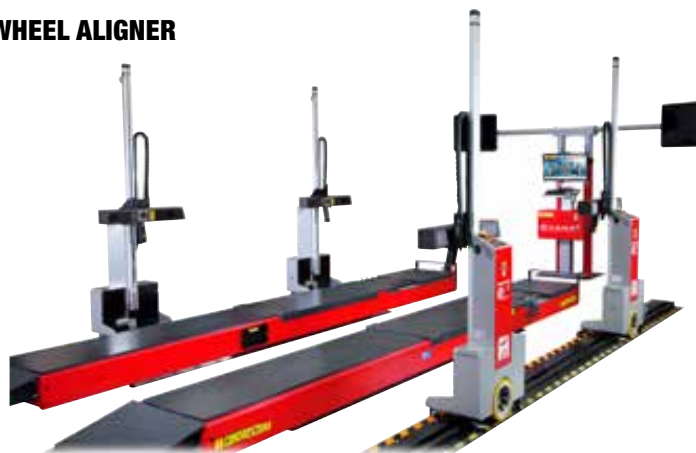
BLACKTAG
Built with highly resistant materials. Additional sun-filter. Suitable for difficult working conditions. Does not require calibration.

CORCHI REMO COMPACT TOUCHLESS WHEEL ALIGNER

Robotic Equipment for Measuring Optics



CORCHI REMO 4 WHEEL ROBOTIC WHEEL ALIGNER



MAIN FEATURES

REMO consists of two autonomous robots, which communicate with the control unit. It uses a GPS system via the two targets to localize the system.

REMO is activated by selecting the vehicle on the databank. The two robots first identify the height of the lift (at any height) and the position of the wheels on the rear axle.

Once identified, the cameras will create a 3D image of the wheel which is used to calculate the alignment values. Once the values have been measured, the robots will automatically move to the front axle and make a measurement. The caster is measured in either 10 or 20 deg. The position of the vehicle on the lift/pit does not influence the readings.

The process takes approximately 80 seconds in which time the operator is free to carry on with other chores in the workshop or to prepare the next vehicle for alignment.

TECHNICAL DATA

- No mechanical contact between machine and wheel
- The Clamp-less System means no rim damage or time consuming rim clamp/sensor/target application
- Time saving as operational cycle is reduced to below 80 seconds
- Simple to use, eliminating operator error
- Can be used on any scissors lift or pit
- No effort and no operator fatigue
- No risk for any sensor/rim clamp/target damage