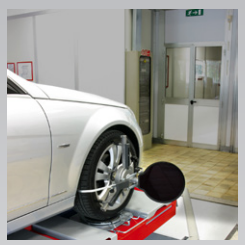
ROTARY
BY ROTARY SOLUTIONS

WHEEL ALIGNMENT SYSTEM
AUTO / LIGHT TRUCK

R1090 PRO 3D
MOBILE TABLET ALIGNER

FAST AND EASY SET UP
OPERATE THE SYSTEM USING THE CONSOLE OR WIRELESS HANDHELD ANDROID TABLET AS A REMOTE INDICATOR ANYWHERE IN THE BAY!



PORTABLE TOWER-FREE SYSTEM MAXIMIZES WORKSPACE
- **No dedicated bay required**
- **Move from bay to bay with ease**
- **Other systems require up to 10' of space in front of the lift**
- **Works with any alignment lift at any height without interruptions to the targets**

Extremely light targets require zero maintenance

INSTANT TARGET VISUALIZATION

EXCLUSIVE 3DT® TARGETS WITH SOLID VISION TECHNOLOGY
True 3D image is instantly mapped compared to competitors manipulated flat target
- Automatic lift level compensation
- No roll-back or compensation required*
- No electronic components inside

Handheld tablet allows techs to read and make adjustments anywhere in the bay!

Bluetooth®
Bluetooth transmission between measuring heads and control unit.

Large 32" HD Monitor

QUICK LOCKING 3-POINT WHEEL CLAMPS
- Clamps don't tighten around wheel eliminating damage to rims
- No grabber claw depth with less clamp distortion

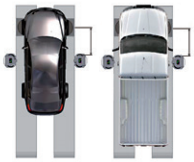
Rubber armored, wireless measuring heads

ALIGNMENT READINGS IN SECONDS!

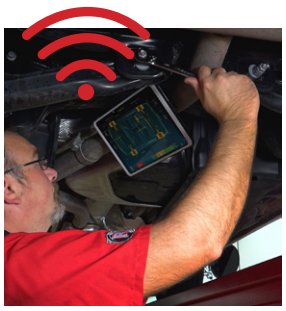
PRECISION TARGET READING WITH HIGH RESOLUTION FIXED 3D CAMERAS
AUTOMATIC CAMERA POSITIONING
AUTOMATIC RECOGNITION OF TARGETS
- Cameras communicate VIA Bluetooth
- No cables or interruptions during alignment process
- No adapters while obtaining caster readings
- Digital display keyboard with remote-controlled sensors

WATCH & LEARN!
Scan code to watch product videos.

SINGLE SENSOR SUPPORT PROVIDES HEAD POSITION ON RUNWAYS FOR MULTIPLE VEHICLE WHEELBASES
Support pivots to avoid damage with obstacles while lowering.



ANIMATED INSTRUCTIONS GUIDE THE ALIGNMENT PROCESS
INCLUDES SPOILER PROGRAM for lowered vehicles for measurement of sport and tuned car bodies.



HANDHELD TABLET OPERATES WITH WIFI CONNECTION
- View live readings while making adjustments
- No required softward updates
- Easy to read results
- Email or print alignment report

MAGNET KIT ALLOWS TABLET POSITIONING TO THE CART, DIRECTLY TO A LIFT OR VEHICLE

*FOR MOST VEHICLES

TIME SAVING ON RACK TEST DRIVE PROGRAM
- Program double checks your alignment from the rack
- No need for techs to physically test drive the vehicle, saving time and reducing liability

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MOBILE TABLET ALIGNER

FEATURES

- Handheld Tablet - allows control alignment program and see measurements from anywhere in the bay
- Tower free - takes up less bay space by not requiring dedicate space in front of the rack
- Patented true 3D technology
- 3 Point Tire Clamps -improved accuracy and eliminates damaging expensive rims
- Portable - can be used in multiple bays

TOTAL MEASURING RANGE

	ACCURACY	MEASURING RANGE	TOTAL RANGE
FRONT AXLE			
Total toe	+ / - 2′	+ / - 2°	+ / - 20°
Partial toe	+ / - 1′	+ / - 1°	+ / - 20°
Set-back	+ / - 2′	+ / - 2°	+ / - 5°
Camber	+ / - 2′	+ / - 3°	+ / - 10°
Caster	+ / - 5′	+ / - 10°	+ / - 18°
King pin	+ / - 5′	+ / - 10°	+ / - 18°
REAR AXLE			
Total toe	+ / - 2′	+ / - 2°	+ / - 20°
Partial toe	+ / - 1′	+ / - 1°	+ / - 20°
Set-back	+ / - 2′	+ / - 2°	+ / - 5°
Camber	+ / - 2′	+ / - 3°	+ / - 10°
Thrust angle	+ / - 2′	+ / - 2°	+ / - 5°
Power supply	110v / 1Ø / 60 Hz		

QUICK RELEASE BATTERY CHANGE STATION

- Charge station on cabinet unit top
- Swap batteries without losing readings
- 8-hour battery life allows a full day of work

COMPACT PORTABLE CABINET

INCREASED STORAGE FOR WORKSHOPS WITH LIMITED SPACE

STANDARD EQUIPMENT

- 1 control unit with PC, 32″ monitor, keyboard, printer, mouse and mouse pad
- TABLET for running the Connect APP
- Wi-Fi dongle
- Remote control located on each sensor
- 2 measuring heads
- Extra set of batteries (2)
- 4, STDA35E/3D 3-point clamps with targets
- Set of 6 extensions for dually wheels
- 1 brake pedal depressor
- 1 steering wheel lock
- Instruction manual
- Runs on WINDOWS 10
- Two years free vehicle data updates

OPTIONAL ACCESSORIES

#S130205 Turning Radius Gauge
Single 1.5″ tall stainless steel radius gauge
No Pointer / 1-1/2″ tall
4,500 lbs. (2,041kg) capacity
(2 required)

#S130237 Turning Radius Gauge
Single 1.5″ tall stainless steel radius gauge
No Pointer / 1-11/16″ tall
4,500 lbs. (2,041kg) capacity
(2 required)

#WS0020
Cordless VIN Scan Tool
Includes charging/communication base, and 4-port USB adapter.

3 POINT + QUICK LOCKING TIRE CLAMPS
FAST SETUP
with 4 self-centering 3 point tire clamps - includes quick locking units and ABS claws.

8″- 24″ 19″- 36″

ROTARY WHEEL SERVICE EQUIPMENT carries a 3 year parts, 1 year labor warranty. See website for details.

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TÜV SÜD C US

To learn more about all of our automotive service and repair solutions or to contact your local distributor, visit us at **www.RotarySolutions.com** today.

Need assistance or have questions? We're here to help:
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Lit# **Rotary.R1090.Cutsheet.01.01.2026**

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