

**STATE-OF-THE-ART
SERVICE EQUIPMENT
FOR EVERY JOB.**

Ready to get started?

To learn more about how our equipment can prepare you for the next generation of repairs, contact your local Chief distributor.



Improve the speed, quality and profitability of every repair you make.

**Call 800-445-9262 or visit us
online at chiefautomotive.com.**



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WHEEL ALIGNERS

WHEEL ALIGNERS

NOTHING ELSE IS A



AC3080 BAYSAVER3D

HIGH PERFORMANCE WHEEL ALIGNER

C3080 SPEED

Portable aligner console can be positioned anywhere for the ultimate convenience.

Maximize available workspace without **OBSTACLES** or **OBSTRUCTIONS!**

NO MINIMUM BAY SIZE REQUIRED!



22" Monitor

C3080

Solid Vision TECHNOLOGY

Equipped with fixed cameras, tire grabbing clamps and remote controlled sensors.

Remote control located on each sensor
Automatic positioning of the cameras
Automatic recognition of the targets

Bluetooth®
Bluetooth transmission between front measuring heads and control unit.

PATENT PENDING

3DT® TARGET Solid Vision Technology



EXTREMELY FAST:
NO ROLL-BACK COMPENSATION REQUIRED!

Exclusive 3D targets:

- No need for run out compensation
- Extremely light
- No electronic components inside
- No maintenance required

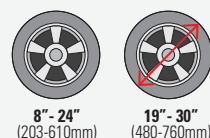
PATENT PENDING

3 POINT + QUICK LOCKING

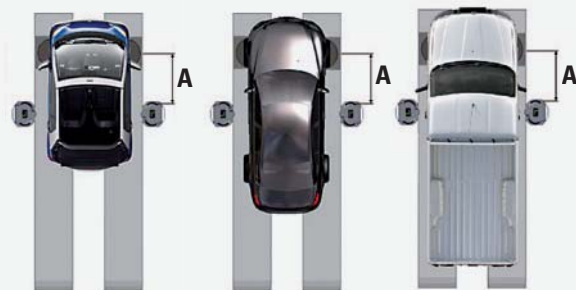


QUICK SETUP

Pair of self-centering 3 point tire clamps, with quick locking units and ABS claws. Equipped with quick claws approach device.



FIXED CAMERAS



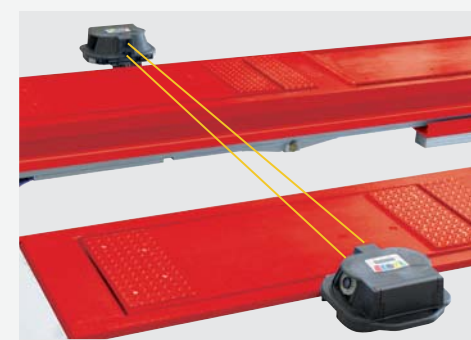
POSITION A

Measurement of vehicles up to 170" (4300 mm) wheelbase.

POSITION B

Measurement of vehicles up to 185" (4700 mm) wheelbase: Move forward the turntables or mount the sensors in the second set of supports (optional)

LIFT LEVEL COMPENSATION



With this feature, the system can be used on any 4 post or scissor lift.

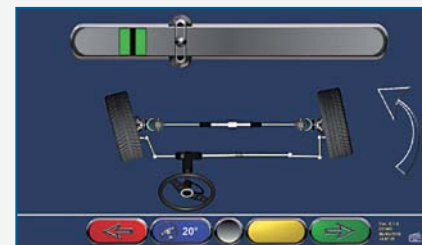
ALIGNMENT READING IN

EIGHT SECONDS!



Bluetooth®
Bluetooth transmission between front measuring heads and control unit.

STEERING NO ADAPTER REQUIRED



HIGH RESOLUTION CAMERAS

PRECISION TARGET READING



DIGITAL DISPLAY



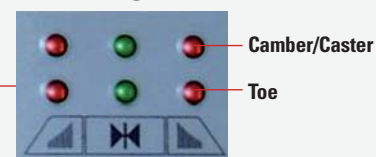
GREEN LED: battery under charge/external powering
RED LED: detector on
DISPLAY: battery level

REMOTE CONTROL

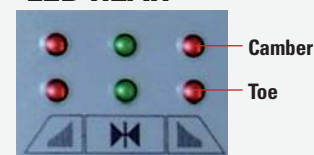


Keyboard with remote-control function.

LED FRONT



LED REAR



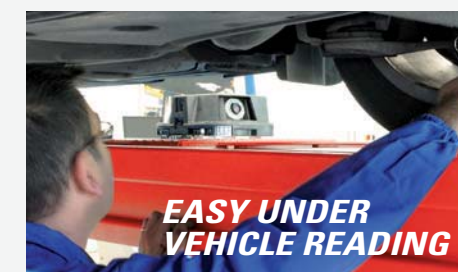
MOBILE and SAFE

Quick clamp to the lift with pivoting support. Avoid damage with obstacles while lowering.



Compact and adjustable, the base of the sensor can be fixed outward by 2.5" (65mm) in case of extra large vehicles.

2 standard sensor supports



EASY UNDER VEHICLE READING

LED REPEATER

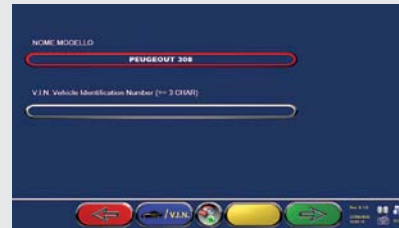
Guided adjustments with no need to see the monitor.



QUICK BATTERY CHANGE

Convenient charging station on console unit. For fixed or mobile installation.

EASY VEHICLE SELECTION



Quick entering of vehicle by model or V.I.N. number.



Summary and comparison of diagnosis / repair values on a single screen.



EASY DATA



- Data management and display program in WINDOWS environment
- Data bank with more than 90,000 vehicle data sheets
- Further data sheets can be added by the user
- Customer data bank for recording 20,000 jobs with search by customer name or vehicle plate number

EASY ALIGNMENT



ANIMATED INSTRUCTIONS



3D ANIMATION



RUN OUT COMPENSATION WHEN REQUIRED



Ø 20" to 6" / Ø 24" to 7" / Ø 27" to 8" / Ø 31" to 9"
 Ø 500mm to 150mm / Ø 600mm to 170mm
 Ø 700mm to 200mm / Ø 800mm to 230mm

EASY UPDATE



SMART CARD for quick data bank update.
 USB KEY to save and restore customer data.

STANDARD EQUIPMENT

- 1 control unit with PC, monitor, key-board, printer
- 2 measuring heads
- 4 clamps with target
- 1 pair of turn tables
- 1 brake pedal depressor
- 1 steering wheel lock
- Instruction manual on CD



STDA117
2 x sensor supports kit

OPTIONAL EQUIPMENT



STDA3D/QC
2 x stands kit



Turning Radius Gauge
Model# FA5153 (1 gauge)
Bolt-on stainless steel radius gauge

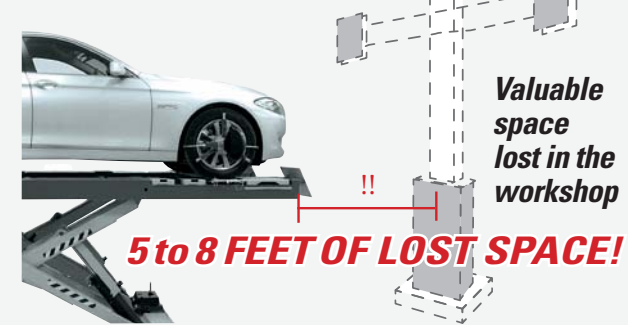
STDA 128 2X battery set

TECHNICAL DATA	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		

TRADITIONAL 3D WHEEL ALIGNER VS AC3080

LOSS OF BAY SPACE

Fixed obstacle in front of the lift!



Valuable space lost in the workshop

5 to 8 FEET OF LOST SPACE!

C3080 SPEED

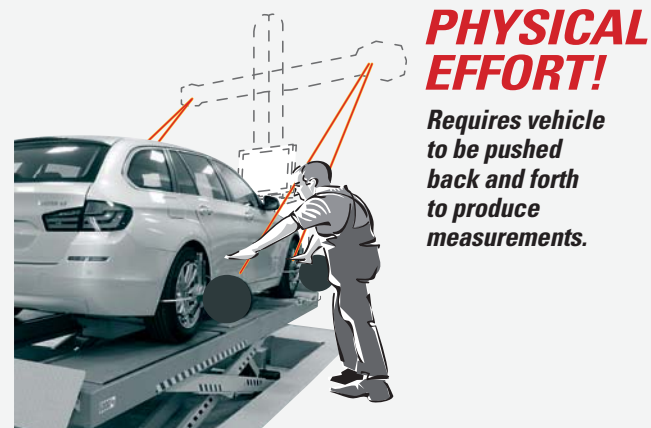
NO OBSTACLES or OBSTRUCTION

Portable aligner console can be positioned anywhere for ultimate convenience.

TOWER FREE!

Maximizes available workspace.

NO MINIMUM BAY SIZE REQUIRED!



PHYSICAL EFFORT!

Requires vehicle to be pushed back and forth to produce measurements.

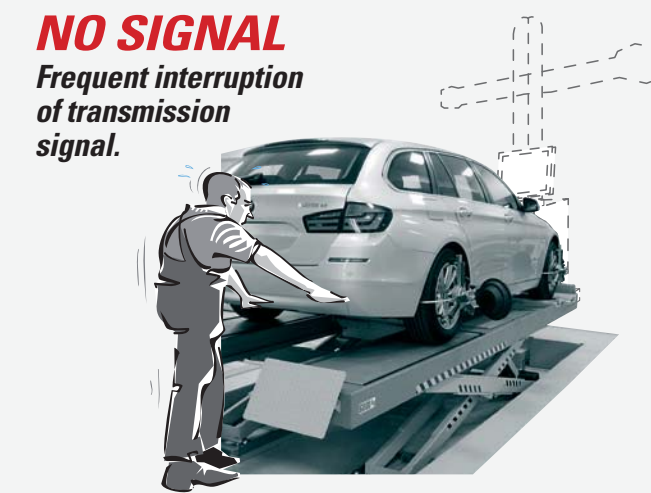
NO COMPENSATION or ROLL BACK

No rolling or pushing of the vehicle to make runout compensation. Automatic and instant 3D target visualization.



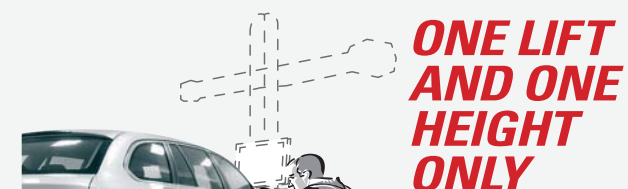
NO SIGNAL

Frequent interruption of transmission signal.



NO INTERRUPTIONS

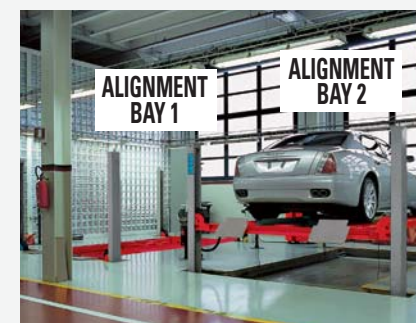
Perfect transmission signal. Always.



ONE LIFT AND ONE HEIGHT ONLY

One working height only.
 Limited to use in only one alignment bay.

NO LIMITATIONS



Can be used at any height!

Use the aligner in more than one bay location with optional required sensor supports.

STDA117 (2 x support kit)



19" Monitor

TOTAL DRIVE ALIGNER WIRELESS EFFICIENCY

All the characteristic angles of both vehicle axles are controlled by means of four measuring heads with 8 CCD sensors and infra-red transmission.

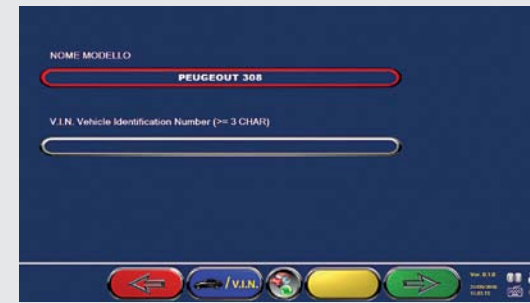
Multi-axle 8-CCD sensor system

The wheeled control unit houses computer, printer and battery charger. Open cabinet stores clamps and accessories.

C3060
Bluetooth

Portable aligner console can be positioned anywhere for the ultimate in shop convenience.

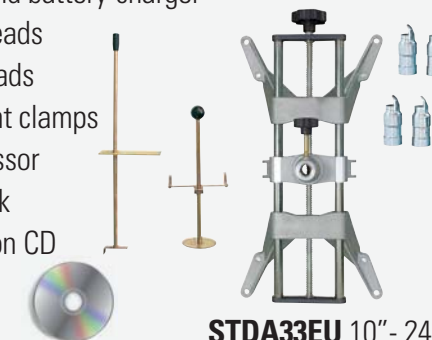
EASY DATA



- Data management and display program in WINDOWS environment
- Data bank with more that 90,000 vehicle data sheets
- Customer data bank for recording 20,000 jobs with search by customer name or vehicle plate number

STANDARD EQUIPMENT

- 1 control unit with PC, 19" monitor, key-board, printer and battery-charger
- 2 front measuring heads
- 2 rear measuring heads
- STDA33EU four point clamps
- 1 brake pedal depressor
- 1 steering wheel lock
- Instruction manual on CD



STDA33EU 10"-24"
Pair of self-centering 4 point clamps, with removable claws.

QUICK RUN OUT



It is possible to measure wheel run out by moving the vehicle by only 30° (quick compensation in a small space)

Ø 20" to 6" / Ø 24" to 7" / Ø 27" to 8" / Ø 31" to 9"
Ø 500mm to 150mm / Ø 600mm to 170mm
Ø 700mm to 200mm / Ø 800mm to 230mm

VEHICLE SPOILER PROGRAM

The Spoiler Program is automatically activated to perform the measurements on sport and tuned car bodies through a simplified procedure.



TECHNICAL DATA	ACCURACY	MEASURING RANGE	TOTAL RANGE
FRONT AXLE			
Total toe	+ / - 3'	+ / - 2°	+ / - 20°
Partial toe	+ / - 1' 30"	+ / - 1°	+ / - 20°
Set-back	+ / - 2'	+ / - 2°	+ / - 5°
Camber	+ / - 2'	+ / - 3°	+ / - 10°
Caster	+ / - 5'	+ / - 10°	+ / - 18°
King pin	+ / - 5'	+ / - 10°	+ / - 18°
REAR AXLE			
Total toe	+ / - 3'	+ / - 2°	+ / - 20°
Partial toe	+ / - 1' 30"	+ / - 1°	+ / - 20°
Set-back	+ / - 2'	+ / - 2°	+ / - 5°
Camber	+ / - 2'	+ / - 3°	+ / - 10°
Thrust angle	+ / - 2'	+ / - 2°	+ / - 5°
Power supply	110v / 1Ø / 60 Hz		

AC6000HDC TAPRO

C6000 SPEED AND EFFICIENCY

See significantly higher income production with much faster operating times without any loss of accuracy.

Simple system to learn with far less training time.

Suited for larger commercial vehicles, the double inclinometer allows caster adjustment without steering. No run out clamps enable user to skip out any compensation procedures.

Maximize available workspace with this portable aligner console - position anywhere in available bay space.

6-CCD sensor wheel alignment system

Infra-red transmission among measuring heads. Bluetooth transmission between front measuring heads and control unit.

STANDARD FAST CLAMPS

No run-out compensation



TWSR SENSORS

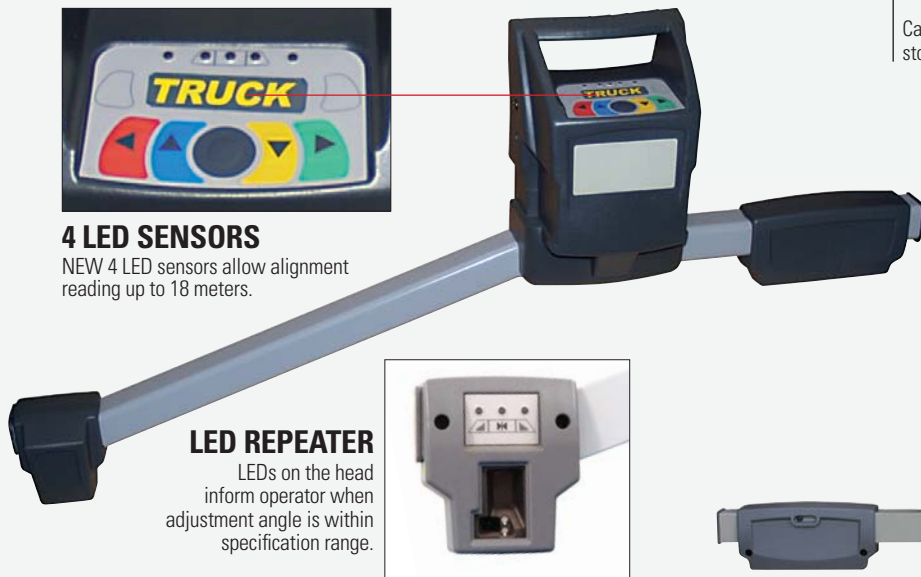
BUS and TRUCK APPLICATION

Front and rear heads have extended drop-down sensor frame.



4 LED SENSORS

NEW 4 LED sensors allow alignment reading up to 18 meters.



LED REPEATER

LEDs on the head inform operator when adjustment angle is within specification range.



4 REMOTE CONTROLS

Ability to operate the system from any head. Often you are a distance from the console and this slows down the operating speed.



QUICK CHARGER

Contacts for battery charging.

Cabinet opens to store accessories.

Large casters for easy movement inside the workshop.



The paper-exit opening allows using the printer with the drawer closed.



19" Monitor

The wheeled control unit houses computer, printer and monitor. Cabinet stores clamps and accessories.

Bluetooth

Bluetooth transmission between front measuring heads and control unit.

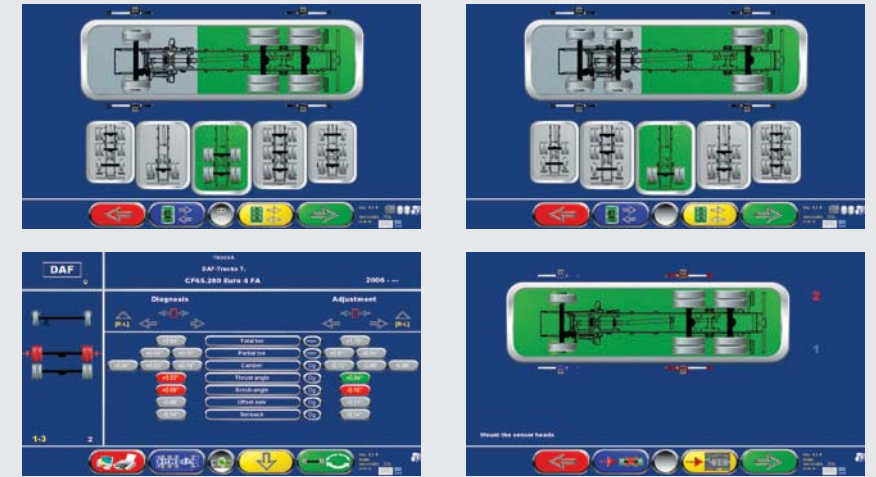
Special side supports allow housing and recharging the measuring head batteries.

C6000HD

DATA MANAGEMENT

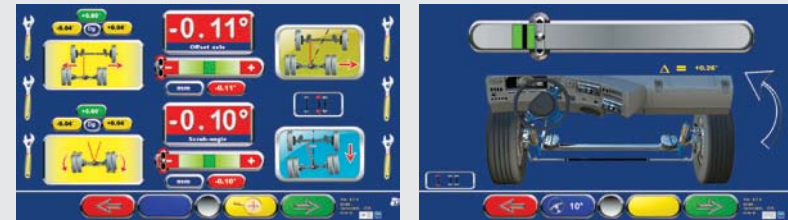
- Data bank with vehicle data sheets already entered and further blank sheets to be filled.
- Customer data bank for recording jobs with search by customer name or vehicle plate number.

Summary and comparison of diagnosis/repair values on a single screen.



Measurement of multiple axles vehicles thanks to an extremely easy-to-follow procedure.

User's instructions with animated graphics for immediate operation.



OPTIONAL APPLICATIONS



REMOTE CONTROL for SMART Phone



TRAILER ALIGNMENT Up to 8 axles



UNIVERSAL USE Floor, pit or lift

TECHNICAL DATA	ACCURACY	MEASURING RANGE	TOTAL RANGE
FRONT AXLE			
Total toe	+ / - 2'	+ / - 2°	+ / - 20°
Partial toe	+ / - 1'	+ / - 1°	+ / - 2° 30'
Set-back	+ / - 2'	+ / - 2°	+ / - 5°
Camber	+ / - 2'	+ / - 3°	+ / - 10°
Caster	+ / - 5'	+ / - 10°	+ / - 18°
King pin	+ / - 5'	+ / - 10°	+ / - 18°
REAR AXLE			
Total toe	+ / - 2'	+ / - 2°	+ / - 5°
Partial toe	+ / - 1'	+ / - 1°	+ / - 2° 30'
Set-back	+ / - 2'	+ / - 2°	+ / - 5°
Camber	+ / - 2'	+ / - 3°	+ / - 10°
Thrust angle	+ / - 2'	+ / - 2°	+ / - 5°
Power supply	110v / 1Ø / 60 Hz		

STANDARD EQUIPMENT

- 1 control unit with PC, 19" monitor, key-board, printer and battery-charger
- 2 front and 2 rear measuring heads
- 1 brake pedal depressor
- 1 steering clamp



PATENTED STDA92 Set of 2 non-run out quick adapters

