

# coats

*Engineered to Perform.  
Designed to Last.*



## CWA6500 3D Aligner

YOUR ALL IN ONE SOLUTION TO ALIGN YOUR SHOP

# COATS 3D Aligner

The Coats® CWA6500 3D Aligner is a fast all in one alignment solution. We created a system that will not only help you align any vehicle that comes through your shop, but do it efficiently and easily.



- ✓ ALIGN VEHICLES QUICKLY & EASILY
- ✓ POWERFUL SOFTWARE FEATURES
- ✓ FLEXIBILITY FOR YOUR SHOP'S NEEDS

## TIRE GRIPPING QC20 WHEEL CLAMPS

- **Versatile** - Extendable clamps up to 43"
- **Hassle Free** - No need for swapping out adjustable arms
- **Damage Free** - No metal to metal contact
- **Speed** - Quickly install with one turn
- **Ease of Setup** - QC20 clamps are self-centering
- **Worry Free** - Align specialty wheels without damage



## BLACK DIAMOND MINI TARGETS

- Small, lightweight, low profile
- Rubber ring makes them durable
- Simple operation



## STANDARD CLAMPS

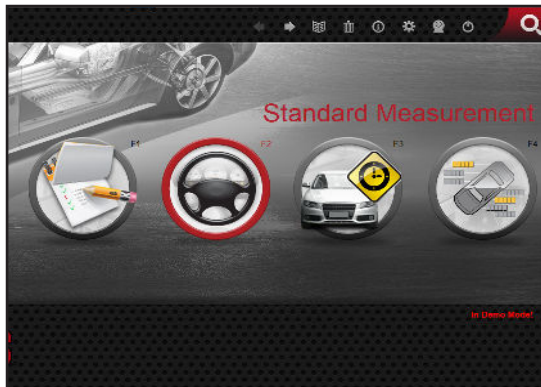
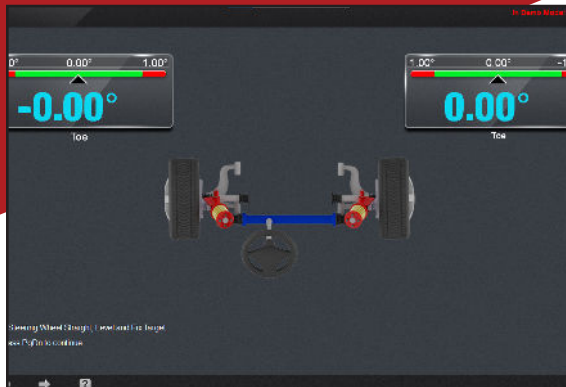
# SOFTWARE FEATURES

Our aligner features a user friendly and powerful software interface. We offer these tools so you can be confident in finishing even the toughest of vehicles quickly without hassle.



SCAN ME

SEE THE 6500  
IN ACTION

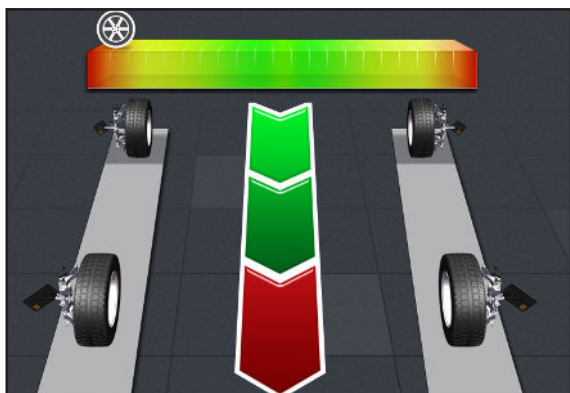


## TOE PLUS

Toe plus is a step by step software guide that walks the tech through achieving a straight steering wheel the first time, every time.

## EASY TO USE INTERFACE

We designed our interface to be straight forward and tech friendly, without sacrificing the powerful tools that experienced techs demand. Being easy to learn and easy to master means a short learning curve for new techs too.

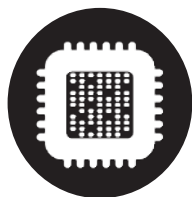


## FLEXIBLE ROLL OPTIONS

No matter what vehicle in your shop you're trying to roll, we have a solution to make it quick and easy. With a total of six roll options we make sure you can choose the best fit for the situation.

## ALL MEASUREMENT SCREEN

Our measurement screen allows you to see ALL of the alignment angles at once, so you can understand the complete vehicle condition.



**WINDOWS  
BASED PC**



**INCLUDED VIN  
SCANNER**



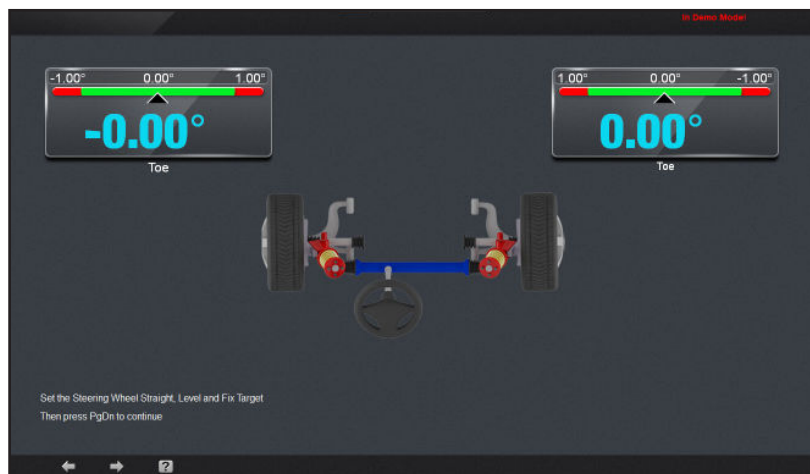
**LARGE LCD  
SCREEN**





# TAKE THE HASSLE OUT OF SETTING TOE

With our signature Toe Plus software, you'll be setting toe with ease and precision.



## ➤ 1. STEP ONE

Center the steering wheel so you can adjust the left, then right sides.

## ➤ 2. STEP TWO

Then, equalize toe on the screen.

## ➤ 3. STEP THREE

Verify the steering wheel is still straight, and that's it!



➤ **ELIMINATES STEERING  
WHEEL HOLDERS**

➤ **ELIMINATES  
RE-ADJUSTMENTS**

# SEE ALL THE ANGLES ANYTIME

Our measurement screen allows you to see ALL of the alignment angles at once to allow you get a complete picture of the vehicle's current chassis condition. This helps you, diagnose any underlying issues like faulty suspension or frame related issues, including checking for chassis symmetry.

## INCLUDED ANGLE

## STEERING AXIS INCLINATION (SAI)



## SET BACK

## LATERAL DEVIATION

Manufacturer's Data Front Axle

	Value (deg.)		Tolerance	
	Left	Right	Negative	Positive
Toe	0.10	0.10	0.10	0.10
Camber	-0.61	-0.61	0.75	0.75
Caster	3.10	3.10	0.75	0.75
SAI	10.00	10.00		
110° Bump Steer	0.00			
Steering Eff. @ 20 deg.	0.00			



## CUSTOM MEASUREMENTS

If you're aligning a custom vehicle or one with custom alignment specs, you can set your own right in the system.

# EASY TO USE SOLUTION - ALL IN ONE PACKAGE

Our all in one solution means you don't have to buy any extra add-ons. You're ready to go right out of the box, preventing downtime and avoiding expensive accessories.

## MOBILE CABINET & LARGE DISPLAY



The mobile design of our cabinet allows you to move it from bay to bay or out of the way when not in use. Plus, our aligners come with a large 32" LCD monitor to make the screen easy to see from anywhere in the bay.

## INCLUDED VIN SCANNER



We include a VIN scanner with every aligner to make sure you have all the tools you need in the box to quickly complete an alignment.

## TWO TYPES OF CLAMPS



The 6500 aligner comes with both our tire-gripping QC20 clamps as well as a set of standard clamps.

## WHO WE ARE

The COATS Company is a leading, global manufacturer and distributor of automotive service equipment and solutions. Based in Nashville, TN, we work with shops and dealerships around the world.

## WHAT WE DO

- ✓ **Maximize your uptime with our durable & reliable products**
- ✓ **Improve productivity with the fastest floor to floor times**
- ✓ **Provide easy to use equipment and solutions to our customers**

Drawing on decades of expertise, market perspective, and innovative engineering, Coats keeps you ready for the next industry evolution.

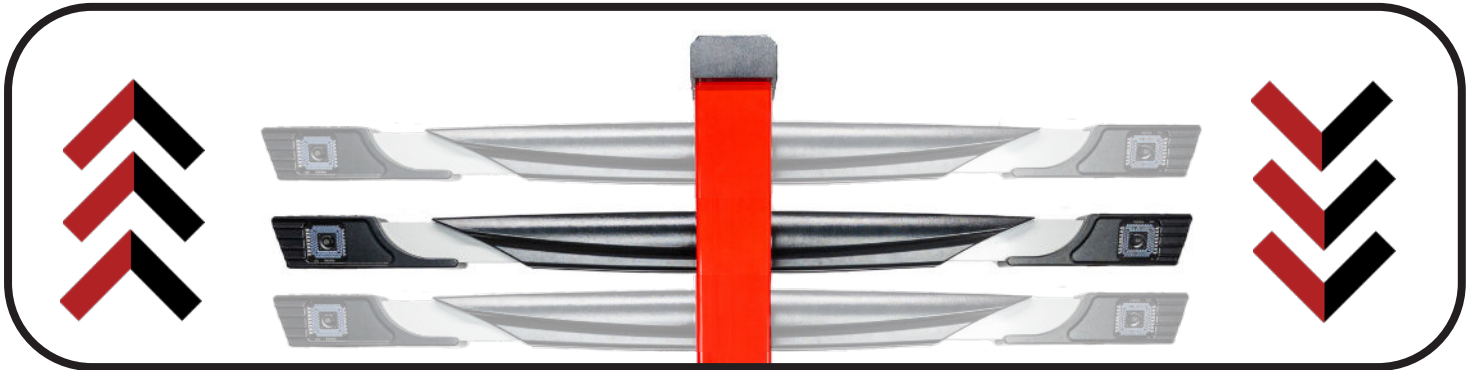
## WHY COATS

- ✓ **Legacy-** For over 75 years COATS has been trusted by shops and dealers across the country
- ✓ **Reliability-** Customer and technical service when you need it the most
- ✓ **Profitability-** Our products make your shop or dealership more efficient and profitable

# READY TO PAIR WITH ANY ALIGNMENT RACK

## ➤ ALIGN AT ANY HEIGHT

Our aligner works with any rack and uses an auto-tracking camera system to automatically adjust to the height you want to align the vehicle at.

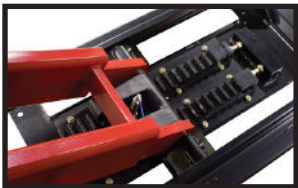


## COATS SCISSOR ALIGNMENT LIFTS

We offer a wide range of scissor alignment lifts in both surface and flush mount options.



✓ SCISSOR RACK AND PINION STYLE GEAR RACK



Built for Safety & Stability

✓ OPEN RUNWAY SLOTS UNDER REAR SLIP PLATES



Prevents Corrosion & Increases Lift Life

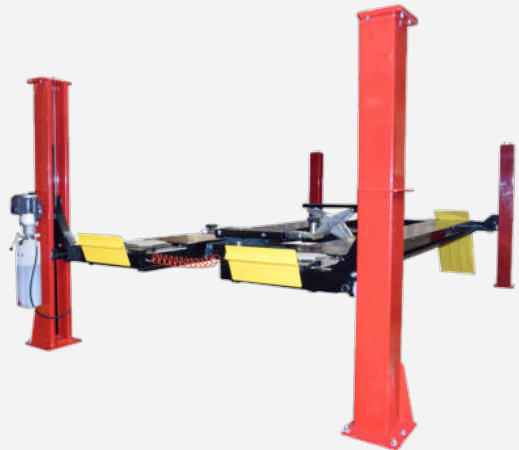
✓ WALL OR FLOOR MOUNT CONSOLE



Flexible Options to Fit Your Needs

## COATS 4-POST ALIGNMENT LIFTS

We offer a wide range of four-post alignment lifts in both open and closed front options.



✓ MACHINED PULLEYS AND CABLES



Made to Last

✓ DOUBLE WALL DECK WITH Z RAIL



Re-enforced & built from single cut of steel for strength

✓ HEAVY DUTY JACKS



Built Tough for Durability



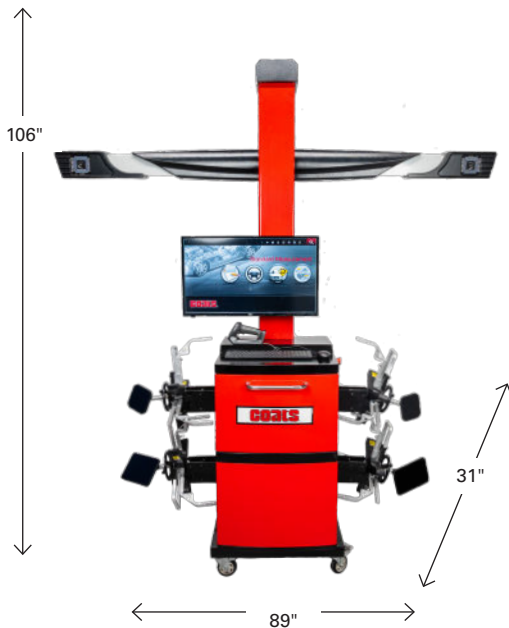
## ALIGNER SPECIFICATIONS

Minimum Installation Distance	71"
Maximum Installation Distance	120"
Recommended Installation Distance	95"
Self-Centering Wheel Clamp (4)	13" - 24.5" on rim
Tire Gripping Adapters (4)	20" - 43" on tire
Monitor	32"
Motorized Camera Beam	89"
VIN Scanner	Standard
Electrical Requirements	115v 1PH, 15 amp
Part #	8006500

## ALIGNMENT LIFT OPTIONS

Lift Type	Part #
15K 4 POST Alignment - Closed Front	4T415CSAR1
15K 4 POST Alignment Extended - Closed Front	4T415CXAR1
15K 4 POST Alignment Lift Package - Open Front	8K4P15SKITP
15K 4 POST Alignment Extended Lift Package - Open Front	8K4P15XKITP
19K 4 Post Alignment - Closed Front	4T419CSAR1
19k 4 Post Alignment Extended - Closed Front	4T419CXAR1
12K Scissor Alignment Lift Package	8KSC12KITP
14K Scissor Alignment Lift Package	8KSC14KITP
16K Scissor Alignment Lift Package	8KSC16KITP

## EQUIPMENT FOOTPRINT



Visit our website for videos, interactive content, and virtual training

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SERVICE NETWORK  
Servicing Coats, AMMCO  
and BaseLine products

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**SERVICE: (800) 688-6359**  
**TEXT FOR SERVICE: (615) 392-3193**  
Please provide: Serial #, Shop Name, Full Address

- Free Setup & Training\*
- Preventative Maintenance
- Technical Support Team

