

# ***HTA-MB-TD Wheel Alignment Systems***

***Customized for aligning all Mercedes-Benz vehicles***

**NEW!**



**HUNTER**  
Engineering Company

# Mercedes-Benz HTA-MB-TD Wheel Alignment Systems

## Approved Equipment for all Mercedes-Benz Workshops

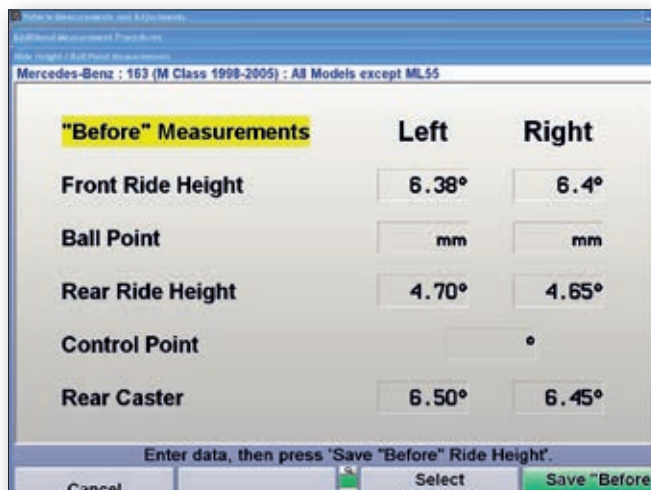
Hunter has designed the Mercedes-Benz HTA-MB-TD wheel alignment systems to meet the specific requirements of Mercedes-Benz workshops and provide superior high-precision alignment on all cars and light commercial vehicles. A customized version of Hunter's WinAlign® alignment software has been designed to meet the specifications of Mercedes-Benz vehicles.

## Customized Alignment Software

Customized WinAlign alignment software guides the Mercedes-Benz technician through a simple, vehicle-specific alignment process with step-by-step instructions and clear, concise graphics. The work sequence is so flexible that it is possible to move to another part of the program at any time.

## Complete Mercedes-Benz Model Support

Hunter's customized WinAlign alignment software includes new alignment steps necessary for proper wheel alignments on all Mercedes-Benz models.

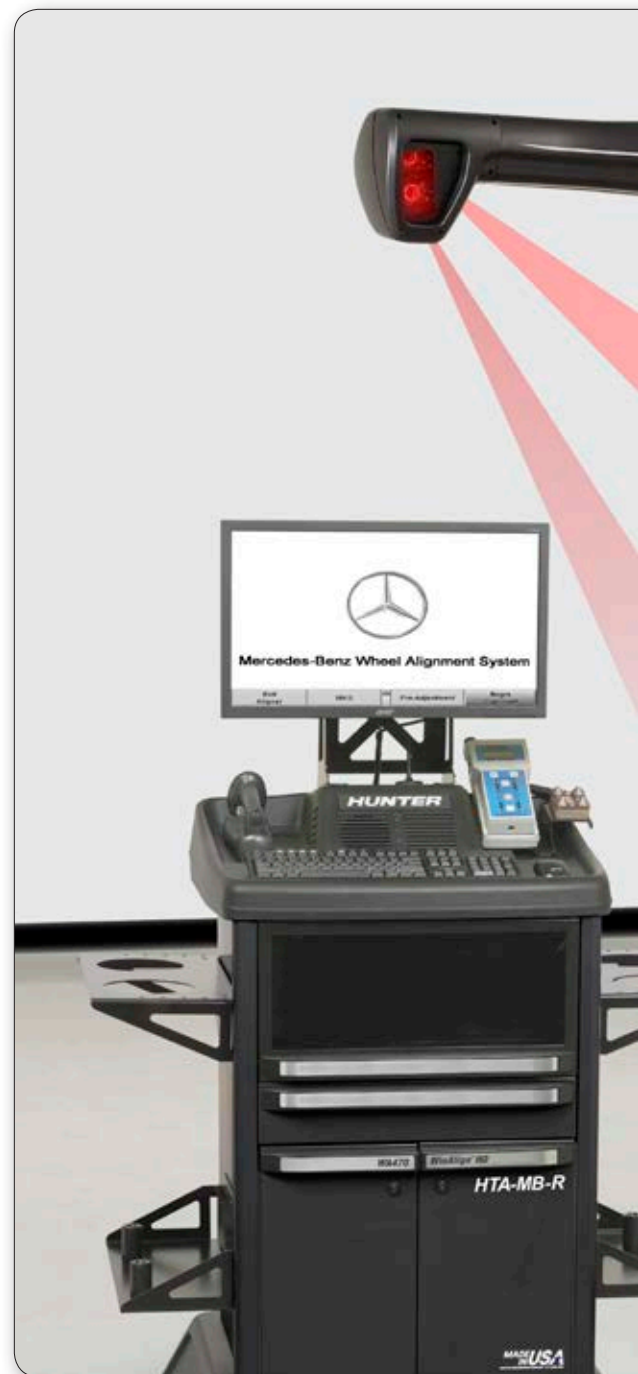


"Before" Measurements	Left	Right
Front Ride Height	6.38°	6.4°
Ball Point	mm	mm
Rear Ride Height	4.70°	4.65°
Control Point		°
Rear Caster	6.50°	6.45°

Enter data, then press "Save "Before" Ride Height".

Cancel Select Save "Before"

*The Mercedes-Benz customized WinAlign alignment software provides easy-to-follow vehicle-specific procedures to simplify alignment service.*



## Mercedes-Benz HTA-MB-

### Speed

- ✓ Mount targets
- ✓ View measurements

### It's that quick!

No need to install spoiler adapters.  
No need to remove or adjust targets  
during the alignment procedure.



*Complies with  
all Mercedes-Benz  
adjustment  
requirements*



## **TD Wheel Alignment System Offers:**

### **Durability / Low Long-Term Cost of Ownership**

- ✓ No electronics at the wheel; no electronic circuitry to damage if targets are dropped
- ✓ No moving parts and virtually maintenance-free
- ✓ No batteries

### **Ease of Use**

- ✓ Wide field of view
- ✓ Vehicle can be raised to a comfortable working height for adjustment
- ✓ No cables or electronic signals between the targets and the console

# ***Mercedes-Benz HTA-MB-TD Wheel Alignment Systems use HawkEye Elite® Digital Imaging Sensors***

HawkEye Elite® Sensors offer speed, durability, ease of use and are engineered to provide low long-term cost of ownership. Sensors have no electronics at the wheel, no batteries and no moving parts. Four high-resolution digital video cameras continuously measure wheel position and multi-dimensional modeling provides accurate, high-speed alignment measurements.



*Lightweight, durable targets are easy to install.*



*Targets contain no electronics to damage if dropped.*

## **Alignment Targets**

Patented, lightweight targets have no electronic circuitry to damage if dropped and require no calibration, making them virtually maintenance-free.

## ***Choose the right sensor package for your shop!***

HawkEye Elite® Sensors provide the same high-speed screen updates as conventional sensors. Four high-resolution digital cameras (one per target) continuously monitor

targets at each wheel. Targets have no electronic circuitry to damage if dropped and require no calibration, making them virtually maintenance-free.



**HE421WMMB**

Wall- and ceiling-mount configurations are perfect when space is at a premium.



**HE421CMMB**

Cabinet-mounted configurations are mobile to service multiple alignment bays and provide a full range of travel for additional lift height.



**HE421FMMB**

Floor-mounted overhead camera configuration is suitable for drive-through applications.

# Mercedes-Benz console options

## HTA-MB-TD Equipment Package

### Alignment console includes

- WinAlign® WA400 Series console with compact cabinet
- Configured computer (specification listed below)
- 24" LCD color monitor
- HawkEye® HE421 sensors with three-dimensional targets
- Storage panel and Interface Cable Kit for Mercedes-Benz Electronic Level Gauge
- Handheld wireless remote control
- (2) 20-1963-1 50mm turnplate bridges
- 20-1900-1 Quick Clamp Adaptor Support Kit

### Computer specifications:

- Current WinAlign® software
- Special Mercedes-Benz software and specification database
- Electronic software authorization key for MB software
- Two years of VID updates
- 3.3 GHz Intel Core i3
- 4 GB RAM
- 120 GB SATA (or greater)
- Single DVD/CD-RW Drive
- USB 2.0
- Network module
- Mouse
- Windows® 7
- HP color printer
- Keyboard
- iShop™ and ASANet™ compatible



WA474MB console

WA473MB console

All new configurations include a 3-year warranty on PC and installed components.  
(Note: Does not include self-centering adaptors nor MB Special Adaptors)

## Basic Compliance Equipment Package

### Computer includes:

- Current WinAlign® software
- Special Mercedes-Benz software and specification database
- Electronic software authorization key for MB software
- Two years of VID updates
- 3.3 GHz Intel Core i3
- 4 GB RAM
- 120 GB SATA (or greater)
- Single DVD/CD-RW Drive
- USB 2.0
- Network module
- Mouse
- Windows® 7
- HP color printer
- Keyboard
- iShop™ and ASANet™ compatible

### Standard accessories:

- Handheld wireless remote control
- Steering wheel holder
- Brake pedal depressor
- Select one of the following camera sensor types: WM, FM or CM
- Three-dimensional targets
- Stainless steel turnplates - low friction (20-1918-1) (two required)
- Kit to modify MB alignment tool to fit on Hunter alignment lifts (20-1194-1)
- Bar code reader



# Lift options

## **RXDC Scissor MKS Alignment Lift:**

- MKS alignment sensor brackets
- (2) PowerSlide low-friction stainless steel turnplates
- Low-profile 2-stage ramps
- (1) MKS jack adaptor and storage bracket
- 80" long full-floating slipplate with PowerSlide central locking system
- Fast 48-second raise time
- Integrated air line kit
- Clip-on movable workstep

### **RXDCT**

11,000-lb. capacity, open front and rear,  
(1) 6,000-lb. capacity swing air jack

### **RXDCTF**

RXDCT flush-mount for low-clearance vehicles.  
Same as RXDCT except no clip-on movable worksteps included.



**RXDCT**

(Shown with optional second jack)

### **RXDCT-IS**

Same as RXDCT plus Inflation Station

### **RXDCTFIS**

Same as RXDCTF plus Inflation Station

### **Optional Jacks for RXDC:**

6,000-lb. capacity swing air jack (133-69-1)

4,500-lb. capacity swing air jack (133-67-1)



MKS Alignment Sensor Brackets and Harting Rack Wiring Box



MKS Jack Adaptor



Low-Profile 2-Stage Ramps

## **4PMB 4-Post MKS Alignment Lift:**

- MKS alignment sensor brackets
- (2) 20-1962-1 50mm low-friction stainless steel turnplates
- Harting rack wiring kit
- Low-profile 2-stage ramps
- (1) MKS jack adaptor and storage bracket
- 100" long full-floating slipplate
- Fast 44-second raise time
- Integrated air line kit
- Standard lubricator / air filter with auto drain
- Clip-on movable workstep
- Built in rub rails

### **4PMBT**

18,000-lb. capacity, closed front,  
(1) 9,000-lb. capacity swing air jack

### **4PMBT-PS**

Same as 4PMBT plus PowerSlide slipplates and turnplates and one additional jack



**4PMBT**

(Shown with optional turnplates)

### **4PMBT-IS**

Same as 4PMBT-PS plus Inflation Station

### **Optional Jacks for 4PMB:**

9,000-lb. capacity swing air jack (133-83-1)

6,000-lb. capacity swing air jack (133-69-1)

4,500-lb. capacity swing air jack (133-67-1)

## Optional accessories

### Exclusive easy-to-use features provide greater versatility and extra durability

Specialized Mercedes-Benz wheel adaptors have long tire hooks that easily attach to the tread blocks of Mercedes-Benz performance tires. The long hooks are also useful on models that have tight gaps between the tire and rim. The lower profile of the long hooks enable them to stay close to the tire.



#### Universal QuickGrip™ Adaptor

Used to align Mercedes-Benz vehicles with aftermarket wheels, Sprinter vans, Smart cars and other non-Mercedes-Benz vehicles.



#### Wheel adaptors suitable for Mercedes-Benz vehicles – 175-349-1

Mount quickly and easily to Mercedes-Benz wheel assemblies to speed setup and reduce overall alignment time (4 required).



#### Remote LED Indicator – 20-2882-1

Provides remote display of live vehicle measurements.

WinAlign® Alignment Software upgrades may require additional and/or upgraded hardware. Because of continuing technological advancements, specifications, models and options are subject to change without notice.



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