

# HTA-MB-TD Alignment Systems

Customized for aligning all Mercedes-Benz vehicles



# HTA-MB-TD alignment systems complies with all Mercedes-Benz adjustment requirements

## 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 Next Value    Save "Before" Ride Height



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



## Mercedes-Benz HTA-MB-TD Wheel Alignment System offers:

### Speed & precision

- ✓ Mount targets
- ✓ Roll forward
- ✓ View measurements ...  
**it's that quick!**

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

### Durability / low long-term cost of ownership

- ✓ No electronics at the wheel
- ✓ No electronic components to  
damage if targets are dropped
- ✓ Virtually maintenance-free

### Ease-of-use

- ✓ Wide field-of-view
- ✓ Make adjustments  
from any vehicle height
- ✓ No cables



# **Mercedes-Benz HTA-MB-TD 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.

HawkEye Elite® sensors provide the same high-speed screen updates as conventional sensors. Four high-resolution digital video cameras continuously measure wheel position and multi-dimensional modeling provides accurate, high-speed alignment measurements.



*PATENTED*

## **Alignment Targets**

Easy-to-install, 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!



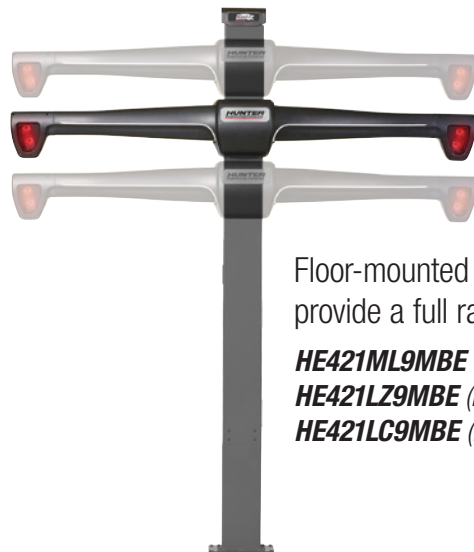
**HE421WM9MBE**

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



**HE421CM9MBE**

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



Floor-mounted configurations provide a full range of lift height.

**HE421ML9MBE** (manual)

**HE421LZ9MBE** (motorized, 230 volt)

**HE421LC9MBE** (motorized, 115 volt)



**HE421FM9MBE**

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



# Mercedes-Benz console options

## HTA-MB-TD Equipment Package

### Alignment console includes

- ✓ WinAlign® series console
- ✓ Configured computer
- ✓ LCD color monitor
- ✓ Storage shelves for Mercedes-Benz special adaptors and wide angle three-dimensional targets
- ✓ Keyboard with protective cover
- ✓ Mouse pointing device
- ✓ HawkEye Elite® HE421 sensors with wide-angle three-dimensional targets
- ✓ QuickGrip® adaptors
- ✓ Heavy-duty mechanical turnplates with protective covers
- ✓ Color inkjet printer
- ✓ Storage panel and Interface Cable Kit for Romess inclinometer

All new configurations include a 3-year warranty on PC and installed components.

**Note:** Does not include self-centering adaptors nor MB Special Adaptors

### Computer specifications

- ✓ Microsoft Windows 10 operating system
- ✓ Latest WinAlign® Mercedes-Benz software
- ✓ Mercedes-Benz vehicle specification database
- ✓ Specification data for non-Mercedes-Benz vehicles with WebSpecs®
- ✓ User programmable vehicle specification database
- ✓ Vehicle adjustment illustrations
- ✓ Work management database
- ✓ Vehicle inspection program
- ✓ Digital photos
- ✓ Digital videos
- ✓ Built-in hard drive recover software
- ✓ Two consecutive years of free WebSpecs® updates
- ✓ 3.7 GHz Intel® Core™ i3 processor
- ✓ 4 GB RAM
- ✓ 250 GB SSD (or greater) hard drive
- ✓ Single DVD/CD-RW Drive
- ✓ USB 3.0/2.0
- ✓ Network module
- ✓ iShop™ and ASANet™ compatible



**WA520VMBE** console



**WA560VMBE** console



**WA570VMBE** console



**WA670VMBE** console

# 4PMB, the only Mercedes-benz approved alignment rack for Sprinter



**4PMB-ISE** Shown with optional Swing Air Jacks, AlignLights system and front turnplates

## 4PMB-ISE Four-Post MKS Alignment Lift with Inflation Station

- ✓ 8165 kg (18,000 lb.) capacity
- ✓ 660 mm (26 in.) runway width
- ✓ Inflation Station
- ✓ MKS alignment sensor brackets
- ✓ MKS jack adaptor
- ✓ Low-profile 2-stage ramps
- ✓ 2540 mm (100 in.) long full-floating slipplate with PowerSlide™ central locking system
- ✓ Fast, 44-second raise time
- ✓ Integrated air line kit
- ✓ Standard lubricator/air filter with auto drain
- ✓ Movable workstep

### Power configurations

4PMB-ISE lift is equipped to operate at one of the following power configurations. Please specify the desired power supply when placing your order:

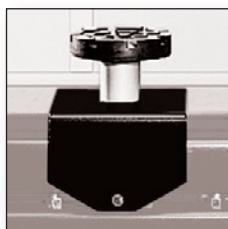
- 208/230VAC, 1Ph, 50Hz
- 208/230VAC, 1Ph, 60Hz
- 208/230/400/460VAC, 3Ph, 50Hz

### Options

- 133-84-1** 4,082 kg (9,000 lb.) capacity Swing Air Jack
- 133-67-1** 2,041 kg (4,500 lb.) capacity Swing Air Jack
- 20-2993-1** New LED 4-Post Light kit
- 20-2336-1** PowerSlide™ Low Friction Turnplates



MKS alignment sensor brackets



MKS jack adaptor



Low-profile 2-stage ramps

# Exclusive, easy-to-use features provide greater versatility

## STANDARD

### Universal QuickGrip® Adaptor

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

Four universal QuickGrip® adaptors come standard



## Optional accessories

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.



### 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).



### Plus Wire Remote Indicator – 30-418-1-X-XF

Provides graphic indication of live vehicle measurements with touch of key.

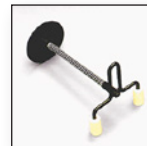


### Handheld Remote Control 20-2910-1

Control alignment procedure when away from console.



### Brake Pedal Depressor WA15-S



### Steering Wheel Holder 28-75-1



### Toe Presser Bar RP5-88-9188

WinAlign® 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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# HUNTER Engineering Company

[www.hunter.com](http://www.hunter.com)

11250 Hunter Drive, Bridgeton, MO 63044, USA  
Tel: 1-314-731-3020, Fax: 1-314-731-0132  
Email: [international@hunter.com](mailto:international@hunter.com)

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