

# ***Mercedes-Benz HD Wheel Alignment***

*Customized for aligning all Mercedes-Benz commercial vehicles*

**NEW!**



**HUNTER**  
Engineering Company

# Meets or exceeds new equipment requirements for Mercedes-Benz workshops

- ✓ Heavy-duty commercial trucks, buses, trailers, and vans (Sprinter, Citan, Vito, and Viano) can be measured.
- ✓ Frame reference mode measures angles relative to chassis/body centerline.
- ✓ Axle reference mode measures angles relative to thrustline of rear reference axle.
- ✓ No need to put spacer plates under rear wheels.
- ✓ Use truck pusher to roll vehicle a short distance (~ 22 inches (~ 559 mm)) to automatically compensate for lateral runout on up to 3 axles simultaneously.
- ✓ No axle jacking required.
- ✓ Quick Check<sup>®</sup> printouts can be used to sell wheel alignment service.



## Floor slope mapping & memorizing

- ✓ Automatically compensates for non-level alignment bays to ensure precise measurements.
- ✓ The actual floor slope from any number of workshop bays can be mapped and memorized.
- ✓ Move the aligner from bay-to-bay without hassle.
- ✓ No need for additional measuring devices to compensate measurements.



# Standard equipment features



## Self-centering adaptors

- ✓ High versatility for trucks and buses with low-hanging bumpers or air dams
- ✓ Supplied adaptors fit 15-28 inch or 10-20 inch rim diameters

15-28 inch adaptors shown



## Truck pusher

- ✓ Easily move vehicle for rolling compensation
- ✓ Rechargeable battery
- ✓ Also services as a wheel chock



## Mobile turnplates

- ✓ Four mobile turnplates included
- ✓ Portable between alignment bays
- ✓ For single or twin steer axle vehicle alignment

# Optional equipment

## Stationary turnplates

Optional stationary PowerSlide pneumatic turnplates automatically lock and unlock during the alignment process.

Stationary mechanical turnplates are also an option.

*Installed with floor mount ramps or can be flush/surface mounted.*



**Trailer king pin adapter**  
175-485-1



**Trailer tow eye adapter**  
175-486-1



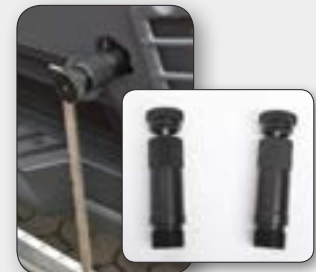
**Trailer dolly**  
20-3161-1



**Bus body reference stands**  
20-3246-1 *Includes 4 stands*



**Frame reference support bar** 208-34-1



**HD frame dowel adapter**  
20-3279-1  
*For Mercedes-Benz Actros 2011 and later*



**Frame offset measurement tool** 221-646-1



## Sensor storage

Sensor storage cart provides convenient access to alignment instruments when you need them and convenient storage when you don't. **Standard with 6 sensor system**

# HTA-MBHD equipment packages

## Included Equipment per Package

|  | 6 Sensor System | 4 Sensor System |
|--|-----------------|-----------------|
| Compact mobile cabinet with accessory hanger | ✓               | ✓               |
| Brake pedal depressor                        | ✓               | ✓               |
| Steering wheel holder                        | ✓               | ✓               |
| Configured computer                          | ✓               | ✓               |
| LCD color monitor (24 inch)                  | ✓               | ✓               |
| DSP760T cordless optical sensors             | 6               | 4               |
| Wheel adapters (15-28 inch)                  | 6               | 4               |
| Wheel adapters (10-20 Inch)                  | 2               | 2               |
| Sensor shaft extensions                      | 2               | 2               |
| Sensor storage                               | ✓               | ✓               |
| Sensor storage cart                          | ✓               | ✓               |
| Battery charger                              | ✓               | ✓               |
| Mobile Turnplates                            | 4               | 4               |
| Frame Gauges                                 | 2               | 2               |
| Truck Pusher                                 | ✓               | ✓               |
| Wheel chock with distance cable              | ✓               | ✓               |
| Hand Held XF Radio Remote Control            | ✓               | ✓               |

## Console Features

|  |   |
|--|---|
| Intel Core i3 Processor 3.06 GHz (or greater)                                      | ✓ |
| 4 GB of DDR3 SDRAM Memory  | ✓ |
| 120 GB SSD hard drive (or greater)   | ✓ |
| DVD-RW/CD-RW drive   | ✓ |
| Windows® 7 operating system  | ✓ |
| WinAlign® HD software Mercedes-Benz  | ✓ |
| Specification data for Mercedes-Benz and non-Mercedes-Benz vehicles with WebSpecs® | ✓ |
| 2 consecutive years of free specification database updates                         | ✓ |
| 2 years of free HunterNet® access  | ✓ |

## DSP700T Sensor Features

|                                    | DSP760T | DSP740T |
|------------------------------------|---------|---------|
| Axles live                         | 3       | 2       |
| Wireless communications            | ✓       | ✓       |
| Pro-Comp® continuous compensation  | ✓       | ✓       |
| Rolling compensation               | ✓       | ✓       |
| Level Reminder® on-screen leveling | ✓       | ✓       |
| Interrupted measurement retention  | ✓       | ✓       |
| Light-weight construction          | ✓       | ✓       |



Compact mobile console shown with LCD monitor and keyboard

## Optional Accessories

|              |   |
|--------------|---|
| 20-2974-1    | DSP740T to DSP760T upgrade Kit – Includes 2 middle sensors, 2 middle adaptors, recharge components and storage supports for middle sensors  |
| 20-3291-1BLK | Floor Mount Rolling Compensation Kit with PowerSlide™ Turnplates - Includes FIA control box, 4 ramps, 2 rolling compensation platforms, 2 removable steel wheel chocks, and 2 PowerSlide™ pneumatic turnplates with pneumatic turnplate bridges                     |
| 20-3292-1BLK | Floor Mount Rolling Compensation Kit with Mechanical Turnplates - Includes 4 ramps, 2 rolling compensation platforms, 2 removable steel wheel chocks, and 2 mechanical turnplates with mechanical turnplate bridges   |
| 20-3293-1BLK | Surface/Flush mount Rolling Compensation Kit with Mechanical Turnplates - Includes 2 mechanical turnplates with mechanical turnplate bridges, 2 leveling plates and hardware to be installed into a concrete pocket located in the floor                            |
| 20-3294-1BLK | Surface/Flush mount Rolling Compensation Kit with PowerSlide Turnplates – Includes FIA control box, 2 PowerSlide™ pneumatic turnplates with pneumatic turnplate bridges, 2 leveling plates and hardware to be installed into a concrete pocket located in the floor |
| 20-3295-1BLK | Surface/Flush mount Pocket Only Kit – Includes 2 leveling plates and hardware to be installed into a concrete pocket located in the floor   |
| 20-3335-1BLK | Mechanical Turnplate kit – Includes 2 Mechanical turnplates with mechanical turnplate bridges   |
| 20-2881-1-E  | Remote Indicator  |
| 20-2882-1-E  | Cordless Remote Indicator   |
| 221-646-1    | Frame offset measurement tool   |
| 20-3253-1    | Kit- HD Frame Gage – Includes (1) 208-34-1, (1) 175-485-1, and (1) 175-486-1  |
| 208-34-1     | Frame Reference Support Bar   |
| 175-485-1    | Trailer King Pin Adapter  |
| 175-486-1    | Trailer Tow Eye Adapter   |
| 20-3279-1    | Kit- Adapter- HD Frame Dowel (set of 2)   |
| 20-3161-1    | Trailer Dolly   |
| 20-2927-1    | DSP700T Battery Charger – Includes: external 6 battery charger, 6 additional sensor battery packs   |
| 20-3246-1    | Bus Body Reference Stands – Includes 4 stands   |
| 69-1025-2    | Equipment cover   |

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