WinAlign® HD Alignment Systems
Fast and accurate wheel alignment for multi-axle trucks
New DSP760T alignment sensors

Hunter’s new DSP760T heavy-duty alignment sensors reduce setup time and provide accurate alignment readings.

**PATENTED**

**Rolling Compensation**
- No jacking required
- Compensate all sensors at once
- Short roll comp

**PATENT PENDING**

**Six Sensors Live**
- Three axles live
- See all measurements at once
- Diagnose tire wear conditions
- Reduce setup time through minimal sensor movement

**PATENT PENDING**

**Truck Pusher**
- Easily move vehicle for rolling comp
- Rechargeable battery
- Doubles as a wheel chock

**PATENTED**

**Fully Integrated Alignment**
- Auto-locking turnplates
- Built-in turnplate bridges for rolling comp
Cordless Operation
- No cumbersome cables
- Hot-swapable batteries

STANDARD

Trailer Alignment
- Align without unhooking from tractor
- Align using optional kingpin adaptor without tractor
- Accurate to 15.24 m (600 in.)

PATENT PENDING

Self-Centering Adaptors
- High versatility for trucks and buses with low-hanging bumpers or air dams
- Fits wheels 15 to 28 inches in diameter

Rugged
- Integrated electronic components enhance reliability
- Lightweight, rubberized design
- Impact-prone areas protected by integrated rubber bumpers
Previous setups used valuable shop time…

Standard procedures
- Position vehicle
- Select vehicle type
- Jack front axle
- Mount front sensors
- Compensate each sensor
- Pull turnplate pins
- Lower front axle
- Jack rear axle
- Mount rear sensors
- Compensate each sensor
- Lower rear axle
- Steer caster
- Jack middle axle
- Move fronts to middle
- Compensate each sensor
- Lower middle axle
- Print results

12:00–15:00 Total

ACTIVITY TRACKER

3
2
203
8+

axles jacked to compensate
sensor movements
total walking steps
additional minutes required before adjustment
...Today, present your results in just 4 minutes!

New procedure
- Position vehicle
- Select vehicle
- Mount sensors
- Roll forward to compensate
- Steer caster
- Print results

4:00 Total

Fast printouts in 4 minutes!
Use detailed printouts featuring your company’s logo to sell more work.
Check tire wear angles in under 3 minutes!

Use detailed printouts featuring your company’s logo to sell more work

- Get measurements on three axles
- Toe and camber on front axle
- Thrust and scrub on rear axles

Step-by-step procedure for HD alignment checks

1. Pull in vehicle
2. Recall the specs
3. Mount six sensors
4. Roll vehicle forward
5. Retrieve the printout
6. Sell the service
### Console configurations

<table>
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<th>WinAlign HD</th>
<th>Intel Core i3 Processor 3.70 GHz (or greater)</th>
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<tbody>
<tr>
<td></td>
<td>4 GB of DDR3 SDRAM Memory</td>
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<td></td>
<td>240 GB SSD hard drive (or greater)</td>
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<td></td>
<td>DVD-RW/CD-RW drive</td>
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<tr>
<td></td>
<td>Windows® 10 operating system</td>
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<tr>
<td></td>
<td>Car and light truck software*</td>
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<tr>
<td></td>
<td>2 years of free VID updates</td>
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<td>2 years of free HunterNet access</td>
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<tr>
<td></td>
<td>Wireless network module</td>
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<tr>
<td></td>
<td>AlignGuide training</td>
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<tr>
<td>DSP760T or DSP740T sensor</td>
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<td>✓</td>
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<tr>
<td></td>
<td>Rolling compensation</td>
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<tr>
<td></td>
<td>Truck Pusher</td>
<td>Optional</td>
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</table>

*Passenger car alignment sensors required.

### DSP700T sensor features

<table>
<thead>
<tr>
<th></th>
<th>DSP760T</th>
<th>DSP740T</th>
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<tbody>
<tr>
<td>Axles live</td>
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<td>2</td>
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<tr>
<td>High-speed wireless radio communications</td>
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<td>Pro-Comp® continuous compensation</td>
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<tr>
<td>Rolling compensation</td>
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<tr>
<td>Level Reminder® on-screen leveling</td>
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<tr>
<td>Sensor locking mechanism</td>
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<tr>
<td>Interrupted measurement retention</td>
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</tr>
<tr>
<td>Light-weight construction</td>
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</tbody>
</table>

**STANDARD**

**Self-centering wheel clamps**

Standard wheel clamps allow clamping of wheels 15-28 in. diameter.
When it comes to heavy-duty software, WinAlign® HD is unmatched!

The importance of software...

- The most extensive vehicle information database.
- Patented power tools complete the work accurately the first time, every time.
- WinAlign HD maximizes profit and productivity in your alignment bay.

Ordinary systems simply present alignment readings

WinAlign HD maximizes profit and productivity

PATENTED

ExpressAlign®

Perform every alignment with a streamlined procedure. ExpressAlign analyzes each job and presents the optimal action sequence with the minimum steps required.

60+ Axle configurations possible

WinAlign HD software supports more than 60 customized truck, trailer and bus alignment procedures as well as passenger car and light truck alignment.

Additional power features for light-vehicle work includes:

- CAMM® feature
- Tools and Kits database
- Digital photos/videos
- ExpressAlign® procedure
- Shim Select® II feature
- Work Management features
PATENTED

WinTove®

Ensure a straight steering wheel every time without repeated adjustments or using a steering wheel holder. Works with all vehicles on the road today, from cars to Freightliners.

PATENTED

Rear Axle Adjustment Calculations

Cut adjustment times in half for rear axle corrections. Graphics let you get it right on the first try.

Frame Offset Angle Display

Measure frame offset angle and calculate adjustments to frame centerline, if a frame reference alignment is needed.

PATENTED

Automatic Bushing Calculator®

Calculate the proper bushing size and position adjustment without wasting time with a zero bushing. Eases the process of servicing Ford F-150-450’s.

Adjustment Videos

Strengthen technician competency and extend profit opportunities with helpful adjustment videos.

Before and after alignment results can be printed in color.
Accessories

**PATENT PENDING**

**Truck Pusher – 20-2855-1**
Hunter’s battery operated pusher easily moves the vehicle for accurate rolling compensation.

**Sensor storage**
Post: 20-2886-1, Cart: 20-2850-1
Sensor storage post (left) or cart (right) provides convenient access and storage for alignment instruments.

**Remote indicator**
Cordless: 20-2882-1E
Remote indicator is designed to provide the operator with complete control while making adjustments to the vehicle.

**Mini self-centering wheel clamps**
175-284-1 (2 required)
Allow mounting sensor to hub center of front rims.

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

**Heavy-duty frame dowel adapter**
20-3279-1
For Mercedes, Ivec0 Stralis, MAN TGA, Renault Magnum, Euro

**Frame gauge kit**
20-3184-1
Includes 2 adaptors, 4 short frame hooks, and 4 long frame hooks.

**Trailer guage**
221-738-1
Trailer alignment gauge tool mounts sensors to the trailer kingpin. Trailer axles are adjusted to centerline.

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

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

**Trailer dolly**
20-3161-1

**Bus body reference stands – 20-3246-1**
Includes 4 stands
Turnplate options for high-volume traffic

✓ Adjustable track width from half-tons to Class 8
✓ 10,000 kg (22,000 lbs) per axle
✓ Built-in turnplate bridges for rolling comp

Surface-Mount — align heavy-duty vehicles on your shop's floor
✓ Permanent installation
✓ Accomodates existing pits
20-3291-1 PowerSlide®
20-3292-1 SlideLock

Rack-Mount — breathe new life into your existing rack
✓ Compatible with RKHD, PT, PE, and PF model racks
✓ Perform Quick Checks and alignments quicker and easier
20-3334-1 PowerSlide®
20-3333-1 SlideLock

Flush-Mount — great for new construction or shop remodel
✓ Level profile reduces tripping hazards
✓ Clean installation and smooth approach
20-3294-1 PowerSlide®
20-3293-1 SlideLock

Other turnplate options

Portable Turnplates
20-3271-1
✓ Multiple bays
✓ Multiple steer axles (multiple sets required)
✓ Mobile alignment service
✓ 10,000 kg (22,000 lbs.) per axle

Traditional Pinned Turnplates
Not suitable for rolling compensation
✓ Low-cost solution
✓ Matching legacy Hunter® turnplates
Ordering Guide

1. Choose your cabinet model

- WA670E
- WA570E
- WA560E

**Standard cabinet accessories:**
- Steering wheel holder
- Brake pedal depressor

**Power Requirements:**
- 115V or 230V, 1-ph, 50/60 Hz

2. Choose your alignment sensors

- **DSP760T**
  - 6 cordless optical sensors with
  - 6 self-centering wheel adaptors, 6 storage brackets, 2 sensor shaft extensions

- **DSP740T**
  - 4 cordless optical sensors with
  - 4 self-centering wheel adaptors, 4 storage brackets, 2 sensor shaft extensions

3. Choose additional optional accessories

- **20-2855-1** Truck pusher
- **CTN-1757** Printer (USB)
- **CTN-1833** LCD monitor (27 inch) with mounting bracket
- **CTN-1834** LCD monitor (24 inch) with mounting bracket
- **20-2871-1** Mounting bracket for 24-27 in. monitor
- **20-2910-1** Hand-held XF radio remote control kit
  - (For use with WA360E, and WA310E.
  - Included with WA370E and WA470E.)
- **20-2880-1-E** Plus cordless remote indicator
- **20-2881-1-E** Icon remote indicator
- **20-2882-1-E** Icon cordless remote indicator
- **20-3291-1** Heavy-duty turnplates (surface mount) with PowerSlide™
- **20-3292-1** Heavy-duty turnplates (surface mount) with SlideLock
- **20-3334-1** Heavy-duty turnplates (rack mount) with PowerSlide™
- **20-3333-1** Heavy-duty turnplates (rack mount) with SlideLock
- **20-3294-1** Heavy-duty turnplates (flush mount) with PowerSlide™
- **20-3293-1** Heavy-duty turnplates (flush mount) with SlideLock
- **25-24-1** Heavy-Duty mechanical turning angle gauges
  - (2 required)

- **20-2886-1** Truck 2-sensor storage post with recharge power
- **20-2850-1** Truck 6-sensor storage cart with recharge power
- **20-2902-1** Hub center adapters with storage brackets
  - (2 each)
- **69-1025-2** Equipment cover
- **221-646-1** Heavy-duty frame offset tool
- **208-34-1** Frame reference support bar
- **20-3279-1** Heavy-duty frame dowel adapter
- **20-3184-1** Frame gauge kit
- **221-738-1** Trailer guage
- **175-486-1** Trailer tow eye adapter
- **175-485-1** Trailer king pin adapter
- **20-3161-1** Trailer dolly
- **20-1473-1** Trailer dolly alignment kit
- **20-3246-1** Bus body reference stands (4 each)