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

PATENTED

Heavy-Duty Quick Grip Clamp
- Fast installation
- No metal-to-metal contact

OPTIONAL

STANDARD

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

Fully Integrated Alignment
✓ Auto-locking turnplates
✓ Built-in turnplate bridges for rolling comp

PATENT PENDING

Trailer Alignment
✓ Align without unhooking from tractor
✓ Align using optional kingpin adaptor without tractor
✓ Accurate to 600 inches

PATENT PENDING

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

STANDARD

Cordless Operation
✓ No cumbersome cables
✓ Hot-swapable batteries
Previous setups used valuable shop time...

**Traditional 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

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

4:00 Total
...Today, present your results in just 3 minutes!

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

3:00 Total

ACTIVITY TRACKER

Fast printouts in 3 minutes!
Use detailed before and after printouts featuring your company’s logo to sell more work.
Check tire wear angles in just 2 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. Mount six sensors
2. Roll vehicle forward
3. Retrieve the printout
4. Sell the service

The Quick Check Heavy-Duty Spec benefits shops performing quick alignment checks:

- Based on TMC documentation
- Eliminates the axle code requirement
- Saves approximately two minutes per truck
- 80% alignment opportunity generates revenue
- Increase fleet tire life by 20% and reduce fuel consumption by 2%
Accessories

PATENT PENDING

Truck Pusher

Standard with WT600

Hunter’s battery operated pusher easily moves the vehicle for accurate rolling compensation. (20-2855-1)

OPTIONAL

Mini self-centering wheel clamps

Allow sensor to be mounted to hub center of front rims (2 required) (175-284-1).

OPTIONAL

Remote indicator

Provides the operator with complete control while making adjustments to the vehicle. (Cordless: 20-2882-1)

OPTIONAL

Turnplate options

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

**POWER SLIDE**

Lock turnplates with a switch or automatically through an FIA-equipped aligner.

**OR**

**SLIDE LOCK**

Manually slide lever to lock or unlock turnplates.

Surface-Mount

- Accomodates existing pits

20-3291-1 PowerSlide™ 20-3292-1 SlideLock

Rack-Mount

- Compatible with RKHD, PT, PE, and PF racks
- Perform Quick Checks and alignments easier

20-3334-1 PowerSlide™ 20-3333-1 SlideLock

Flush-Mount

- Level profile reduces tripping hazards
- Clean installation and smooth approach

20-3294-1 PowerSlide™ 20-3293-1 SlideLock

Portable

- Multiple bays
- Mobile alignment service

20-3271-1

OPTIONAL

Trailer guage

Trailer alignment gauge tool mounts sensors to the trailer kingpin. Trailer axles are adjusted to centerline.

(221-738-1)

OPTIONAL

Sensor storage options

Sensor storage post (left) or cart (right) provides convenient access and storage for alignment instruments.

(Post: 20-2886-1, Cart: 20-2850-1)
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.

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
**WinToe**
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.

**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.

**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.*
### Console configurations

<table>
<thead>
<tr>
<th>Industry-leading hardware and software</th>
<th>WinAlign WT600 Premium</th>
<th>WinAlign WT500 Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intel Core i3 Processor 3.70 GHz (or greater)</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>4 GB of DDR3 SDRAM Memory</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>240 GB SSD hard drive (or greater)</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>DVD-RW/CD-RW drive</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Windows® 10 operating system</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Car and light truck software*</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>2 years of free VID updates</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>2 years of free HunterNet access</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Wireless network module</td>
<td>✓</td>
<td>Optional</td>
</tr>
<tr>
<td>AlignGuide training</td>
<td>✓</td>
<td>Optional</td>
</tr>
<tr>
<td>DSP760T support</td>
<td>✓</td>
<td>Optional</td>
</tr>
<tr>
<td>Rolling compensation</td>
<td>✓</td>
<td>Optional</td>
</tr>
<tr>
<td>Truck Pusher</td>
<td>✓</td>
<td>Optional</td>
</tr>
</tbody>
</table>

* Car alignment sensors required.

### DSP700T sensor features

<table>
<thead>
<tr>
<th>DSP760T</th>
<th>DSP740T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Axles live</td>
<td>3</td>
</tr>
<tr>
<td>High-speed wireless communication</td>
<td>✓</td>
</tr>
<tr>
<td>Pro-Comp® continuous compensation</td>
<td>✓</td>
</tr>
<tr>
<td>Rolling compensation option**</td>
<td>✓</td>
</tr>
<tr>
<td>Level Reminder® on-screen leveling</td>
<td>✓</td>
</tr>
<tr>
<td>Sensor locking mechanism</td>
<td>✓</td>
</tr>
<tr>
<td>Interrupted measurement retention</td>
<td>✓</td>
</tr>
<tr>
<td>Light-weight construction</td>
<td>✓</td>
</tr>
</tbody>
</table>

** Requires WT600 console.
**Return on investment**  
**HD wheel alignment profitability**

**Cash Investment - 1/day**

<table>
<thead>
<tr>
<th>Labor</th>
<th>Equip.</th>
<th>Net Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>$160,875</td>
<td>$49,000</td>
<td>$433,625</td>
</tr>
</tbody>
</table>

**Alignments per period**

<table>
<thead>
<tr>
<th>1 Per day</th>
<th>24 Per month</th>
<th>286 First year</th>
<th>2,860 10 year</th>
</tr>
</thead>
<tbody>
<tr>
<td>$225</td>
<td>$5,358</td>
<td>$64,350</td>
<td>$643,500</td>
</tr>
<tr>
<td>-$56</td>
<td>-$1,340</td>
<td>-$16,088</td>
<td>-$160,875</td>
</tr>
<tr>
<td>$169</td>
<td>$4,019</td>
<td>$48,263</td>
<td>$482,625</td>
</tr>
<tr>
<td>-$24</td>
<td>-$583</td>
<td>-$7,000</td>
<td>-$49,000</td>
</tr>
<tr>
<td>$144</td>
<td>$3,435</td>
<td>$41,834</td>
<td>$433,625</td>
</tr>
</tbody>
</table>

**Alignment RO Total ($225 per align)**

- Cost of labor & parts: -25%
- Gross Profit: $168.75
- Total investment (7 year depreciation): $49,000
- Net Profit: $144.26

**Alignments per month to break even**

- Full Equipment Payback: 340 days = 14.3 months = 1.2 years

**Ten-year return on a $49,000 investment**

- 1/day: $433,625
- 2/day: $916,250
- 3/day: $1,398,875
- 4/day: $1,881,500
- 5/day: $2,364,125
- 6/day: $2,846,750
- 7/day: $3,329,375
- 8/day: $3,812,000
- 9/day: $4,294,625
- 10/day: $4,777,250
## Return on investment
### HD Quick Check wheel alignment profitability

### Cash Purchase

<table>
<thead>
<tr>
<th>Work week (days)</th>
<th>5.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alignments per day (Core Business)</td>
<td>1</td>
</tr>
<tr>
<td># Non Alignment Traffic per day</td>
<td>10</td>
</tr>
<tr>
<td># Trucks Needing Alignment: 70% (Ind. Avg.)</td>
<td>7</td>
</tr>
<tr>
<td>Add'l Alignments Sold: 25% (or more)</td>
<td>+2</td>
</tr>
</tbody>
</table>

### Alignments per period

<table>
<thead>
<tr>
<th>3 Per day</th>
<th>71 Per month</th>
<th>858 First year</th>
<th>8,580 10 year</th>
</tr>
</thead>
<tbody>
<tr>
<td>$225</td>
<td>$675</td>
<td>$193,050</td>
<td>$1,930,500</td>
</tr>
<tr>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>$225</td>
<td>$675</td>
<td>$193,050</td>
<td>$1,930,500</td>
</tr>
</tbody>
</table>

### Cash Investment - 3/day

<table>
<thead>
<tr>
<th>Labor $482,625</th>
<th>Equip. $49,000</th>
<th>Net Profit $1,398,875</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Equipment Payback</td>
<td>3.5</td>
<td>102 days</td>
</tr>
</tbody>
</table>

### Ten-year return on a $49,000 investment

<table>
<thead>
<tr>
<th>1/day</th>
<th>$433,625</th>
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<tbody>
<tr>
<td>2/day</td>
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