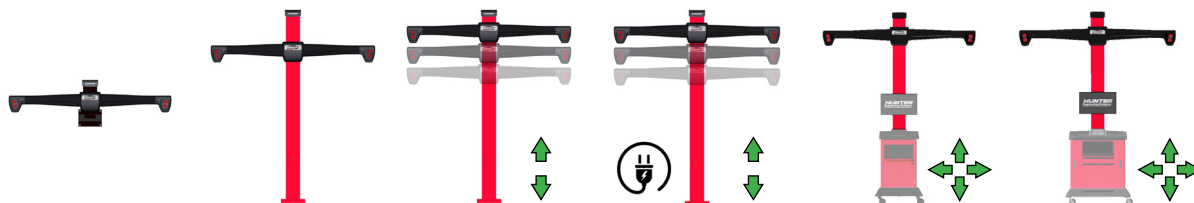


HAWKEYE ELITE®

HE421 Series Sensors

HUNTER
Engineering Company

SPECIFICATIONS / FEATURES / MEASUREMENTS



| | HE421WM | HE421FC | HE421ML | HE421LC | WA67x-CM | WA68x-CM |
|----------------------------------------|----------------------|---------------------------------|-----------------------------------------------|---------------------------------------------------|----------------------------------------|----------------------------------------|
| Sensor Mount Type | Wall / Ceiling Mount | Fixed Single Column Floor Mount | Manually Adjustable Single Column Floor Mount | Electrically Adjustable Single Column Floor Mount | Manually Adjustable Mobile Cabin Mount | Manually Adjustable Mobile Cabin Mount |
| Power Requirements | Supplied by console | Supplied by console | Supplied by console | 120/240V 2 amp, 1 ph | Supplied by console | Supplied by console |
| TD Targets | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| QuickGrip Adaptors | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Vertical Camera Adjustment | | | ✓ | ✓ | ✓ | ✓ |
| Mobile - Bay-to-Bay | | | | | ✓ | ✓ |
| QuickComp | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| High Resolution Cameras | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Customizable Lighted Sign | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| FIA Compatible | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Multiple Target Storage Configurations | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

ADJUSTMENTS

| | |
|---------------------------------------|----------|
| Way Up Way Out WinToe | ✓* |
| Wheel-Off Adjustment WinaAlign® 9+ | Optional |

SPECIFICATIONS

| | |
|---------------------------------------|--------------------------------|
| Metal on Metal Contact | Non-Contact |
| Weight of Target | 6 lbs |
| Profile of Target | 9 in. |
| Installation Time | 5 seconds |
| Rolling Compensation Style | Forward |
| Camera Resolution | 2,608 x 1,952 20,000,000 px |
| Track Width | 80 in. |
| Wheel Base | 210 in. |
| Distance to Wall | 66 - 107 in. |
| Suggested Distance | 99 in. |
| Short Bay Distance (see site info) | 66 in. |

MEASUREMENTS

| | |
|-----------------------------|-------------|
| S.A.I. & Included Angle | ✓ |
| Set Back | ✓ |
| Max Steering Angle | To Lock* |
| Live Ride Height | Standard ** |
| Wheelbase Difference | ✓ |
| Track Width Difference | ✓ |
| Tread Width Difference | ✓ |
| Lateral Offset | ✓ |
| Rear Set Back | ✓ |
| Axle Offset | ✓ |
| SBDA | ✓** |
| Body Angle | ✓** |
| Body Wheel Offset & Setback | ✓** |
| Body Roll | ✓** |



* Max steering angle & toe-out on turns measurements require optional wide-angle targets (kit 20-2511-1).

** Requires Ride Height targets. Standard with WA600 consoles. Optional with WA500 consoles.

For alignment information visit:
hunter.com/alignment-machines

For local contact visit:
hunter.com/contact

For general inquiries visit:
www.hunter.com or call 800-448-6848

Because of continuing technological advancements, specifications, models and options are subject to change without notice.

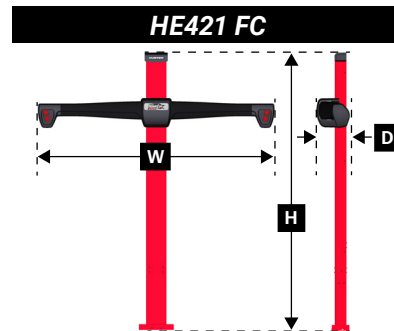
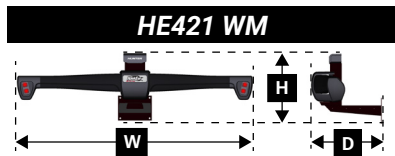
Form 6370-T, 05-24
Supersedes Form 6370-T, 02-24
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DIMENSIONS / WEIGHTS []

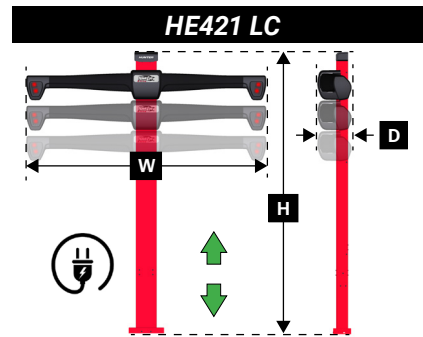
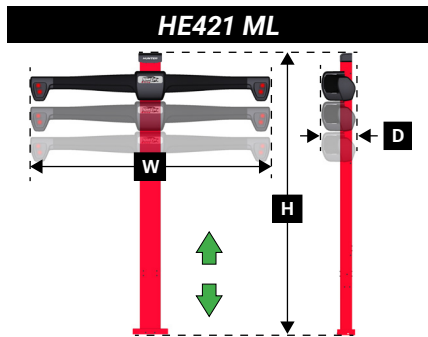
| | HE421WM | HE421FC | HE421ML | HE421LC | WA67x-CM | WA68x-CM |
|--------------------------------|----------------------------|---------------------|-------------------------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Width (W) | 105 in 2667 mm | 105 in 2667 mm | 105 in 2667 mm | 105 in 2667 mm | 105 in 2667 mm | 105 in 2667 mm |
| Height (H) | 30 in 762 mm | 122.5 in 3112 mm | 122.5 in 3112 mm | 122.5 in 3112 mm | 118 in 2997 mm | 118 in 2997 mm |
| Depth (D) | 15 - 30 in 381 - 762 mm | 15 in 381 mm | 15 in 381 mm | 15 in 381 mm | 25 in 635 mm | 25 in 635 mm |
| Vertical Camera Movement Range | | | 56 - 113.5 in 1422 - 2883 mm (from floor) | 56 - 113.5 in 1422 - 2883 mm (from floor) | 60 - 95.5 in 1524 - 2426 mm (from floor) | 60 - 95.5 in 1524 - 2426 mm (from floor) |
| Shipping Weight | 316 lbs | 442 lbs | 527 lbs | 465 lbs | 520 lbs | 610 lbs |

* Use of Wall Mount Extension Kit adds additional 27 - 45 in. to depth

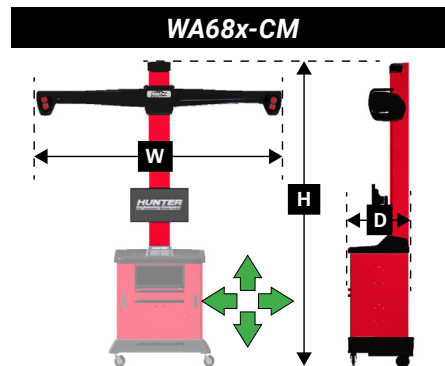
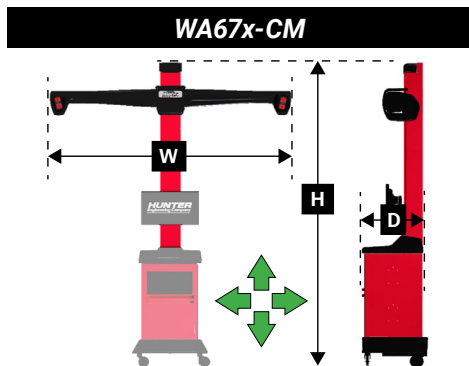
FIXED POSITION CAMERA SENSORS



VERTICALLY ADJUSTABLE CAMERA SENSORS



VERTICALLY ADJUSTABLE MOBILE CABINET CAMERA SENSORS



CONSOLE COMPATIBILITY

| | WA600 / WT600 WA400 / WT400 | WA500 / WT500 WA300 / WT300 / WA100 / WT100 | WA200 / WT200 |
|------------------------------|--------------------------------|------------------------------------------------|----------------------------|
| HE421 Sensors | ✓ | ✓ | ✓ |
| WinAlign Version Required | V12.0 / V12.1 | V12.1 | V12.1 |
| Additional Plus Key Required | No Additional Key Required | Kit 20-2005-1 (448-1016 V2) | No Additional Key Required |

INCLUDED WITH ALL HE421 SENSORS

Quick-Change Arms



Deep-Wheel Extensions



Target Storage Brackets



Protective Rings for Deep Wheel Extensions



Protective Rings for Quick-Grip Adaptors



TD Targets



QuickGrip Adaptors



For alignment information visit:
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