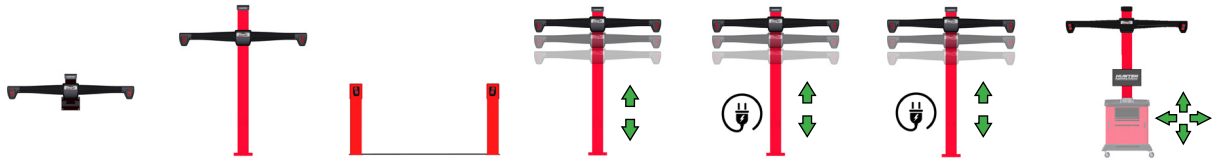


HAWKEYE ELITE™

HE421 Series Sensors

HUNTER
Engineering Company

SPECIFICATIONS / FEATURES / MEASUREMENTS



	HE421-	WM3E	FC3E	DT3E	ML3E	LC3E	LZ3E	CM3E
Sensor Mount Type		Wall / Ceiling Mount	Fixed Single Column Floor Mount	Drive Thru Fixed Dual Column Floor Mount	Manually Adjustable Single Column Floor Mount	Electrically Adjustable Single Column Floor Mount	Manually Adjustable Single Column Floor Mount	Manually Adjustable Mobile Cabinet Mount
Power Requirements		Supplied by console	Supplied by console	Supplied by console	Supplied by console	120/240V 2 amp, 1 ph	230V 1 amp, 1 ph, 50Hz	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 (2.72 Kg)
Profile of Target	9 in. (229 mm)
Installation Time	5 seconds
Rolling Compensation Style	Forward
Camera Resolution	2,608 x 1,952 20,000,000 px
Track Width	80 in. (2032 mm)
Wheel Base	210 in. (5334 mm)
Distance to Wall	66 - 107 in. (1676 - 2718 mm)
Suggested Distance	99 in. (2515 mm)
Short Bay Distance (see site info)	66 in. (1676 mm)

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.
** Requires Ride Height targets.

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

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

Form 6799-TE, 05-24
Supersedes Form 6799-TE, 03-24
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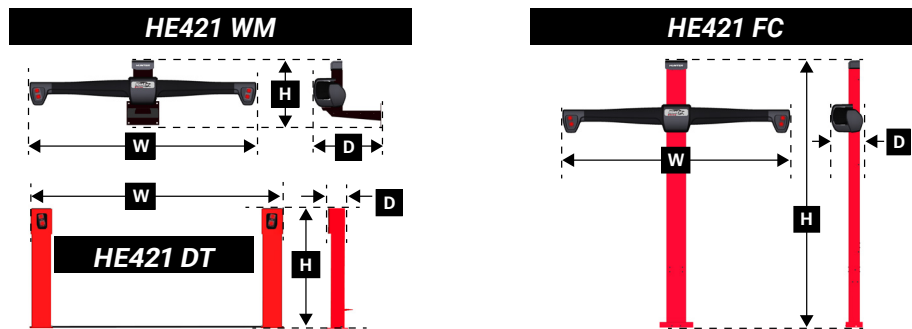


DIMENSIONS / WEIGHTS []

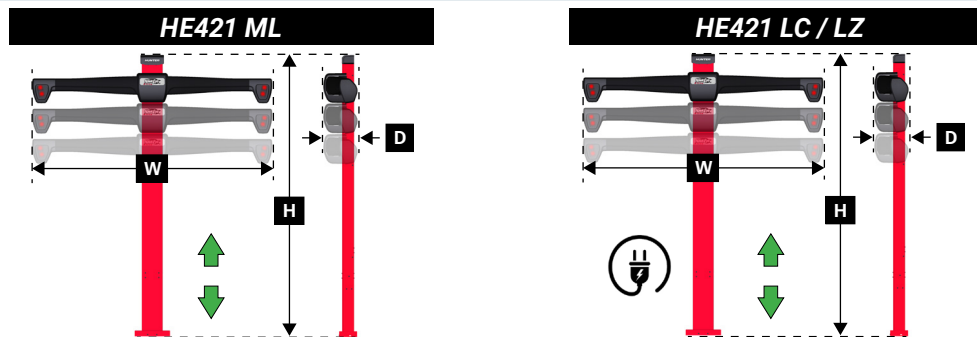
HE421-	WM3E	FC3E	DT3E	ML3E	LC3E	LZ3E	CM3E
Width (W)	105 in 2667 mm	105 in 2667 mm	105 in 2667 mm	105 in 2667 mm	105 in 2667 mm	105 in 2667 mm	105 in 2667 mm
Height (H)	30 in 762 mm	122.5 in 3112 mm	50 in 1270 mm	122.5 in 3112 mm	122.5 in 3112 mm	122.5 in 3112 mm	118 in 2997 mm
Depth (D)	15 - 30 in* 381 - 762 mm	15 in 381 mm	11 in 279 mm	15 in 381 mm	15 in 381 mm	15 in 381 mm	25 in 635 mm
Vertical Camera Movement Range	NA	NA	NA	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 143 kg	442 lbs 200 kg	446 lbs 202 kg	527 lbs 239 kg	465 lbs 211 kg	465 lbs 211 kg	610 lbs 277 kg

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

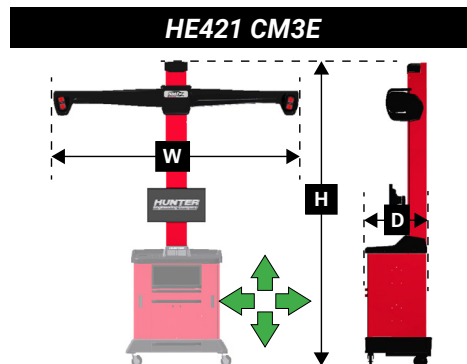
FIXED POSITION CAMERA SENSORS



VERTICALLY ADJUSTABLE CAMERA SENSORS



VERTICALLY ADJUSTABLE MOBILE CABINET CAMERA SENSORS



* Use of Wall Mount Extension Kit 20-2184-1 adds additional 27 - 45 in. (610 - 1143mm) to depth.

HAWKEYE ELITE™

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CONSOLE COMPATIBILITY

WA-	400	300	200	100	420E	320E
HE421 Sensors				✓		
WinAlign® Version Required				V12.1 or Higher		

Space consideration for storage of accessories and targets: For large and compact consoles, add 29 inches (737mm) to width for TD targets and add 10 inches (254 mm) to depth for rear accessory storage.

If mounting two DSP700T sensors and mini adaptors, add 32 inches to width and 10 inches to depth (front).
If mounting four DSP700T sensors and adaptors, add 32 inches to width, 10 inches to depth (front) and 12 inches to depth (rear).

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:
hunter.com/alignment-machines

For local contact visit:
hunter.com/contact

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

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