



*Lift is shown only, lift is not included

WA613

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Wireless 3D Wheel Aligner



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WA613 is a wireless 3D wheel aligner with a new industrial design. It abandons the beam and cabinet design of traditional 3D wheel aligners. It consists of 2 magnetic measurement units + 4 wheel clamp targets. It performs four-wheel alignment detection on vehicles through wireless networking communication.

 **Instant experience, ready to use out of the box**

 **Magnetic measuring unit, no installation required**

 **No beams and cabinets required, small footprint**

 **3-point wheel hub clamps, 4-point tire clamps**
Two types of wheel clamps available



*Lift is shown only, lift is not included

Features

1. Instant experience: no installation, no wiring, no calibration required, ready to use right out of the box.
2. Space-saving: No need to install beams and cabinets, requiring less space.
3. Quick measurement: Outputs high-precision four-wheel alignment results within 30 seconds.
4. Two types of wheel clamps are available: 4-point wheel hub clamps are lightweight and more cost-effective, and 3-point tire clamps do not contact the wheel hub. Both types of wheel clamps are universal for target.
5. Innovative wheel clamp design: lightweight, easy to operate, and convenient to carry and use.
6. Magnetic measurement units: no assembly or wiring required, free to go, no calibration required, ready to use out of the box.
7. Wireless transmission: With ST13 intelligent connection terminal to display measurement results and process, and facilitate vehicle bottom adjustment
8. Compact packaging: Lightweight design and materials significantly reduce packaging weight and size, with transport weight and volume only 20%-30% of traditional 3D four-wheel alignment machines.

Functions

- 1. Four-wheel alignment measurement:** It supports standard measurement and quick measurement and can measure key parameters such as toe, camber, caster, kingpin inclination, and thrust angle. Supports additional measurements such as wheelbase, wheel track, axle offset, wheel offset, diagonal, center offset, etc.
- 2. Database:** Supports positioning data of 50,000+ global vehicle models, and supports user-defined database.
- 3. Terminal wireless connection:** Measurement data is transmitted wirelessly, and the four-wheel alignment process is displayed with the ST13 intelligent connection terminal.
- 4. Test report:** Generate professional test reports, support data comparison before and after adjustment, and support report sharing.
- 5. No need to modify the lift:** the calibration units are directly magnetized to the lift, no need to process the lift, suitable for large scissor lift and 4-post lift.

Parameters

Toe-in	±20°	Wheel Base	1940~4600mm
Camber	±10°	Wheel Track	1290~1900mm
Caster	±20°	Wheel Diameter (4-point wheel hub clamp)	275~640mm
SAI	±20°	Tire Diameter (3-point tire clamp)	470~1100mm
Maximum steering angle	±35°		

Product composition



Measuring unit
(One for left / one for right)



4-point wheel hub clamp kit
(Choose one of the two types of wheel clamps)



3-point tire clamp kit
(Choose one of the two types of wheel clamps)



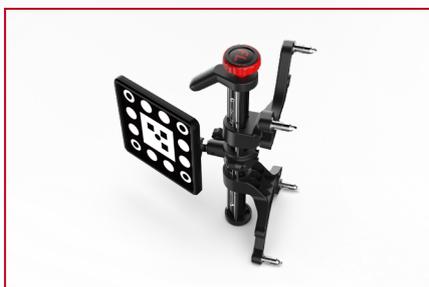
ST13



Accessories (optional)



Outputs high-precision four-wheel alignment results within 30 seconds.



4-point wheel hub clamps are lightweight and more cost-effective.



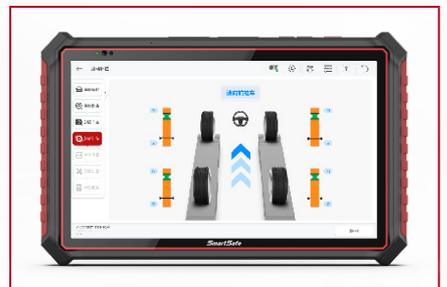
3-point tire clamps do not contact the wheel hub.



Magnetic measuring unit, no installation required.

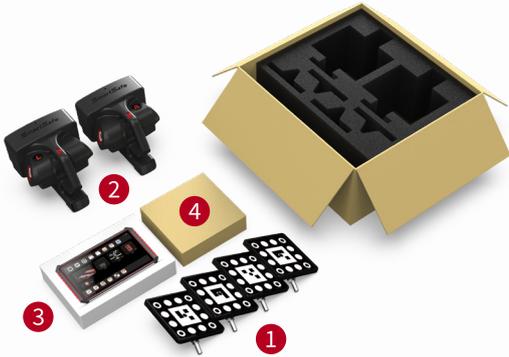


Compatible with large scissor lifts and 4-post lifts.



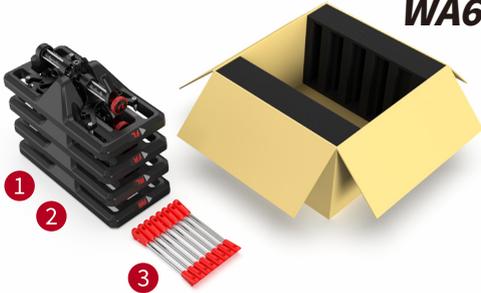
Wireless networking, connected to ST13 to display measurement process and results.

WA613 main configuration package (Box No.1)



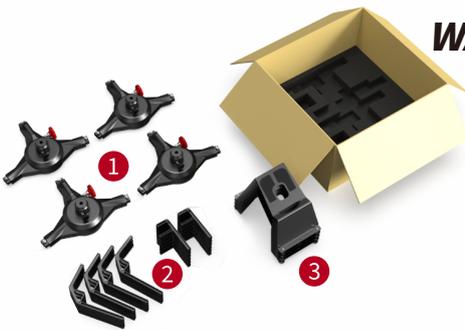
No.	Accessories	Quantity
1	Target	4
2	Measuring unit	2
3	ST13 Tablet	1
4	Power adapter	2
	Password seal	1
	Screen cleaning cloth	1
	Certificate	1
	Quick start guide	1
	Manual	1
	Packing list	1
Dimensions: 700X650X315mm		

WA613 four-point wheel clamp package (Box No.2)



No.	Accessories	Quantity
1	4-point wheel hub clamps	4
2	Wheel clamp bracket	4
3	Bracket support rod	8
Dimensions: 700X650X385mm		

WA613 three-point tire clamp package (Box No.3)



No.	Accessories	Quantity
1	3-point tire clamps	4
2	3-point tire clamp jaws	24
3	3-point tire clamp bracket	4
Dimensions: 700X650X385mm		

WA613 accessory package (Box No.4)



No.	Accessories	Quantity
1	Steering wheel lock	1
2	Brake lock	1
3	Tire angle plate	2
	Tire wedge	2
	Tire transition block	2
Dimensions: 770X600X150mm		