

geoliner® 550 prism

**Accurate
Flexible
Easy-to-service**



**Professional wheel alignment
with two-camera technology**

Two-camera technology at it's best



Snap-on Equipment has years of experience in developing wheel aligners as the pioneer of the three-dimensional imaging wheel alignment technology.

This profound knowledge matched with the advantages of CCD technology has now led to development of the world's first implementation of 100% portable imaging wheel alignment.

The Hofmann geoliner 550 prism uses front-wheel targets and rear-wheel pods (**P**ortable **D**evice) to carry out wheel alignment.

With this two-camera technology the optical communication on the front axle cannot be interrupted, hence there is no need for a spoiler adaptor.



This wheel aligner allows measurements up to maximum steer without electronic turntables, which saves relative investment and service/repair costs.

An added advantage is that no electronic components are provided on the front wheels – this saves additional maintenance costs.

Owing to the innovative measurement technology of the geoliner 550 prism the steering routine is quickly accomplished.



Pods, wheel clamps and targets are easy and simple to handle because they are made of magnesium. Should a pod have a defect, you simply return it and get a new one.



Flexible and easy to service



Bluetooth communication needs no cables, which reduces maintenance work considerably. Owing to the high reliability of data communication, measurement results are always accurate.

The geoliner 550 prism is especially flexible as it can be used in different wheel alignment bays – no additional space is needed for this wheel aligner.

The special measurement technology allows alignment of vehicles having a long wheelbase – so one single aligner is sufficient for alignment of vehicles ranging from the Smart car to vans.

Our modern lithium-ion batteries have an especially long life, providing 24 h service (3 days in case of 3-4 alignments per day) with one charge. The batteries are software-controlled, so need for recharging is signalled early enough to avoid interruption of alignment tasks. The remaining charge is indicated to enable the user to safely complete the alignment.

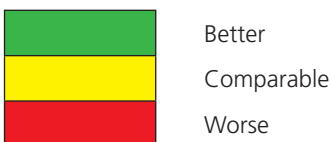


The self-explanatory menu avoids mistakes on user's end, guiding the user quickly and simply through all measurement sequences.

Vehicle specifications are sourced directly from the OEMs and are therefore complete, up to date and correct. Complete OEM data and information support alignment of less conventional vehicle types. On the whole the specifications of more than 25,000 models of the past 25 years are available.

Benefits of the geoliner 550 prism

		PRISM	CCD
	Weight: target + clamp + pod	Green	Red
	Block camera view	Green	Red
	Cost	Green	Red
	Space requirement	Yellow	Yellow
	Light sensitive	Green	Red
	Electronic onto the wheels	Green	Red
Communication	Wireless/Cordless	Green	Red
	Bluetooth	Green	not applicable
	Cordless reliability	Green	Red
	Battery life	Green	Red
Service	Service free – no parts replacement	Green	Red
	Serviceability	Green	Red
	Parts interchangeable	Red	Green
Software features	Field calibration	Green	Red
	Long wheel base capable	Green	Green
	No spoiler adaptors needed	Green	Red
	No electronic turntables	Green	Red
	Dimension screen	Yellow	Yellow
	Rolling runout	Yellow	Yellow
	Jacking runout	Green	Red
	Gravity gauge	Green	Red
	Brake system	Green	Red
	Rack dependant	Yellow	Yellow
	Wheel diameter	Yellow	Yellow
	Rollback	Yellow	Yellow
	OEM approved	Red	Green



Features
General Features
Windows XP Operating System
Vehicle Specifications – 25 + years
Custom Vehicle Specifications
Regional Specifications
Aligner System Diagnostics
Backup / Restore of Calibration & Setup Data
Operator Efficiency
Integrated Help System
3-D Animations
Tools, Parts & Adjustment Instructions
Advanced Customer Database
Customer Database Backup/Restore
Multiple Print Formats
Multiple Units of Measure
Equalize Toe Warning
Measurements
Caster & SAI on Turntables
SAI Elevated
Toe Out on Turns
Ride Height Modified Vehicle Specifications
FrameCheck™ Light Truck Frame Angle
Adjustments
Live Caster, Camber & Toe – Turntables
Live Caster, Camber & Toe – Elevated
Camber & Toe – Turntables (Frozen Caster)
Camber & Toe – Elevated (Frozen Caster)
A-Arm Adjust
Rear Shims

Specifications
Standard Accessories
Universal wheel clamp 11" – 22"
Steering wheel holder
Brake pedal depressor
Optional Accessories
+4" Universal wheel clamp extension kit – C30926
Equipment Specifications
Wheel size: 11" – 26"
Tyre diameter: up to 37"
Track width: 48" – 96"
Wheel base: 70" – 180"
Power Requirements
230V, 1Ph, 50/60 Hz, 6amp/3amp

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Part of the machines is illustrated with optional extras available at extra cost.
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