

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 |



Better
Comparable
Worse

| 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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EMEA-JA

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