

MAHA INNOVATION CENTER.

WE ARE DEVELOPING TOMORROW'S MEASUREMENT
AND TESTING TECHNOLOGY TODAY.

PROTOTYPE
IN FIELD TESTING



MAIA

MAHA AUTONOMOUS INSPECTION ASSISTANT.

made by MAHA
 made
in
Germany



DRIVES AUTONOMOUSLY. TESTS WITH PRECISION.

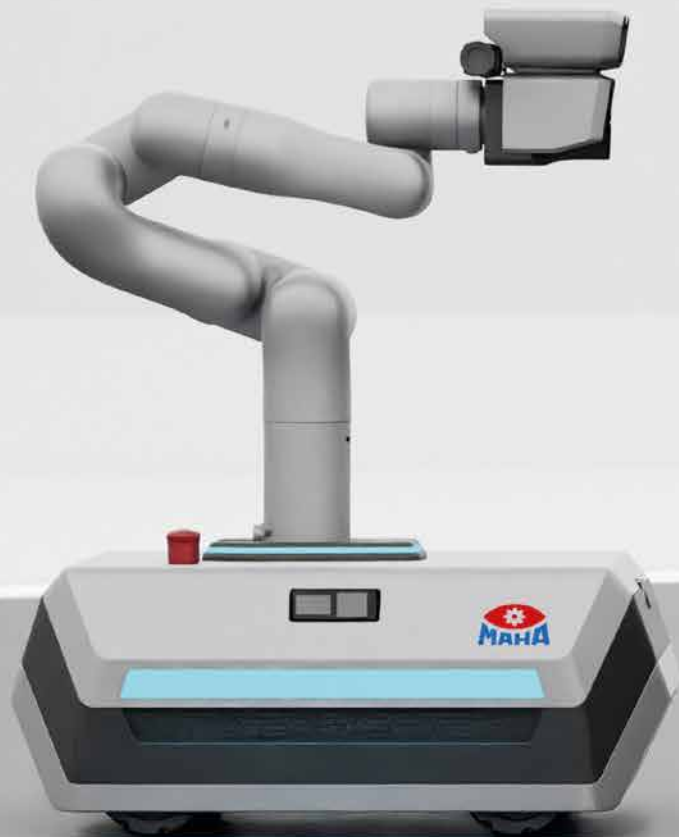
In a **single pass around the vehicle**, MAIA collects all the essential data: it records damage, inspects tyres and, in future, will measure headlights, radar sensors and axles. Because MAIA **positions itself autonomously at the vehicle**, the measurement results are consistently accurate – regardless of who is operating it.

MAIA is a tool, not a replacement for people. It **uses AI-supported analysis to ease the burden of day-to-day specialist work**. Thanks to its **open interface architecture**, it integrates with **existing software systems** and fits seamlessly into any operational workflow. Even today, **MAIA documents everything comprehensively, thereby ensuring the transfer of risk during the vehicle intake process**. At the same time, it **assesses the vehicle's condition and highlights additional service opportunities** – tyres, smart repairs and more – directly within the process, without any extra effort.

MAIA keeps the workshop up and running, even when there's a **shortage of skilled staff**, and **boosts the business's value creation**. Patented core technologies form the solid foundation – thanks to interchangeable add-on modules, MAIA grows with the business as demand increases in the future.

YOUR ADDED VALUE:

- **Staff:** MAIA takes care of routine inspections, freeing up your qualified technicians.
- **Throughput:** MAIA decouples inspection capacity from technician availability. This means routine checks can be carried out flexibly whenever the business needs them – without tying up valuable skilled staff.
- **Quality:** MAIA standardises visual inspection. Every result is consistently accurate – regardless of how busy the workshop is or how the day unfolds.

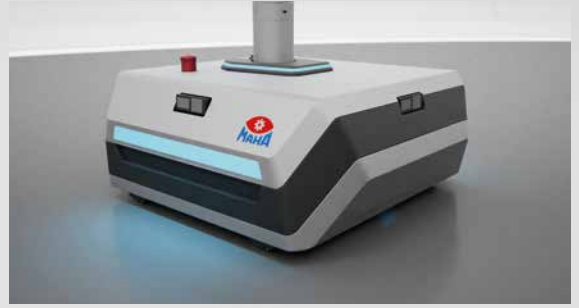


MAHA INNOVATION CENTER.

MAIA – MAHA AUTONOMOUS INSPECTION ASSISTANT.

**Versatile sensor head**

3D and 2D cameras capture the vehicle down to the smallest detail.

**Autonomous mobile base**

MAIA maps the workshop and independently switches between workstations.

**INSPECTION
IN 2 MINUTES.**

One pass checks everything: bodywork scan with AI damage detection, headlight measurement, contactless wheel alignment and tyre inspection.

**NO MODIFICATIONS REQUIRED.
READY TO GO.**

No floor installation. No markings. No workshop refurbishment. MAIA arrives at the workshop, just as it is – and gets to work straight away.



THE TECHNOLOGY BEHIND IT.

AUTONOMOUS. MOBILE. READY FOR ACTION.

MAIA moves freely throughout the workshop and independently switches between workstations. It's always where the workshop needs it most.

BUILT FROM MODULES.

Reach meets mobility: the positioning module allows MAIA's sensor head to reach almost any component. You assemble the system from modules – tailored to your requirements, not to a standard.

THE PRECISE SENSOR HEAD.

One head per measurement task: whether for bodywork, headlights, axles or tyres – the entire sensor head, including 3D and 2D cameras, is replaced each time. Heads for ADAS calibration with radar targets will also be available.

AI DAMAGE DETECTION.

Scratches, dents, paintwork damage: AI classifies them automatically, eliminating the need to log them manually. This enables cost estimates to be produced quickly – and ensures the documentation remains complete.

WHEEL ALIGNMENT. NO SET-UP REQUIRED.

MAIA measures toe and camber completely contact-free – quickly, directly during the scan, without the need to set up clamping devices. This provides an objective initial assessment of the wheel alignment – even before making the first manual adjustment.

FITS INTO YOUR SYSTEM.

MAIA stores every measurement result securely and in compliance with the GDPR. Via open interfaces, the data is automatically transferred to your workshop management system – without any detours.

ROADMAP

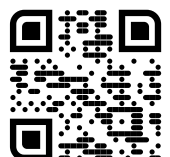
AUTOMECHANIKA 2024
CONCEPT STUDY

AUTOMECHANIKA 2026
FUNCTIONAL PROTOTYPE

PLANNED
RADAR TARGET SCAN,
LIGHT CHECK, AXLE CHECK



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