

# MB Q.LIGN

**MERCEDES-BENZ APPROVED**



## Trolley? That's yesterday

- Display on Tablet, TV, PC, or Smartphone!
- No PC-trolley: image processing directly inside the sensor head
- No printer: reports available as PDF files directly on the network



## Measurement values?

### Wherever you need them

- Camber, caster, toe on four small screens directly under the vehicle
- Two hands free for adjustments and the values always in sight
- Stand up tall and make adjustments in any lift position, not just one



## Wheel alignment? Made easy

- Use any target on any wheel to reduce setup times and errors
- Caster sweep without a stool or ladder, conveniently with the lift on floor level
- Intuitive software processes and menus
- Permanent left-right reference for guaranteed straight steering wheels



## Space problem? No problem

- Permanently space in front of the lift
- Fits on any alignment lift
- Wireless and battery-powered
- More space in the workshop with MB Q.Lign

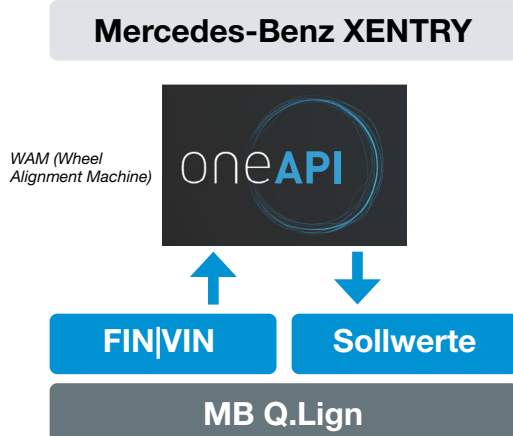
# Automatic vehicle selection:

## Simply scan the VIN with your tablet!



### 1. Scan VIN

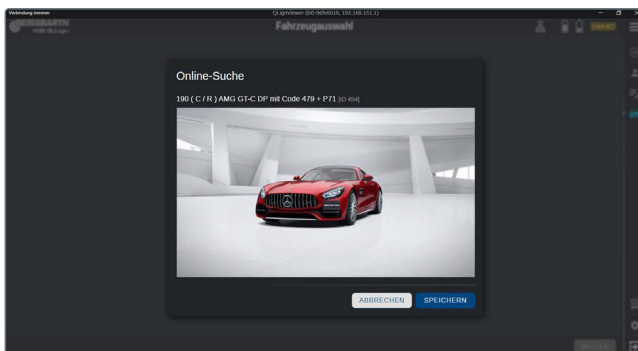
- Scan the VIN on the windshield or vehicle registration documents directly with the tablet
- No typing
- No typos
- No wasting of time



### 2. Start online query

- Scanning the VIN automatically starts the online query
- 24/7 online access to the latest vehicle specs
- No constant installation of new databases
- OEM vehicle specs directly from Mercedes-Benz

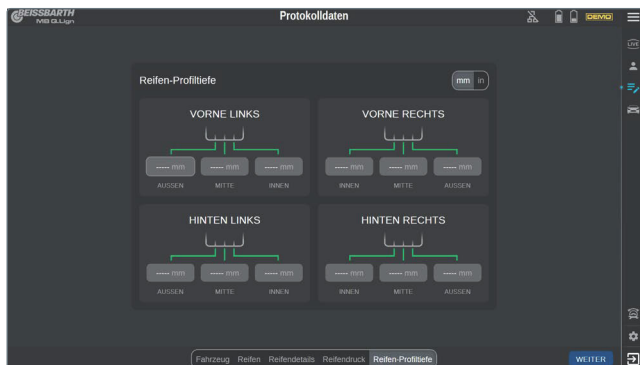
*The rights to use WAM (Wheel Alignment Machine) must be requested separately via the Xentry portal. The functionality for handling online VIN queries is pre-installed in MB Q.Lign by default.*



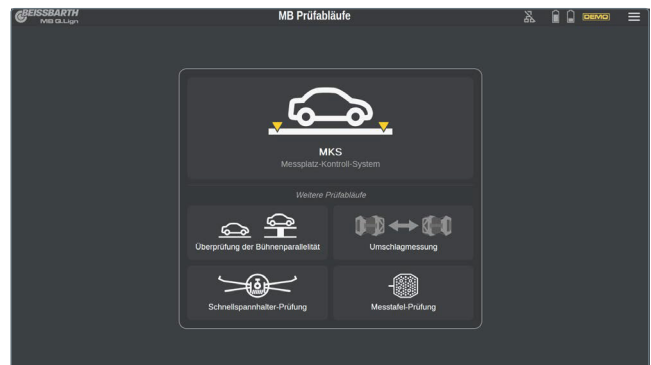
### 3. Automatic vehicle selection

- Complete selection of vehicle specs including equipment codes
- No manual fine selection necessary
- Automatic processing and display of the correct specs in the wheel aligner
- Clear vehicle-specific work instructions and graphics for the entire adjustment process

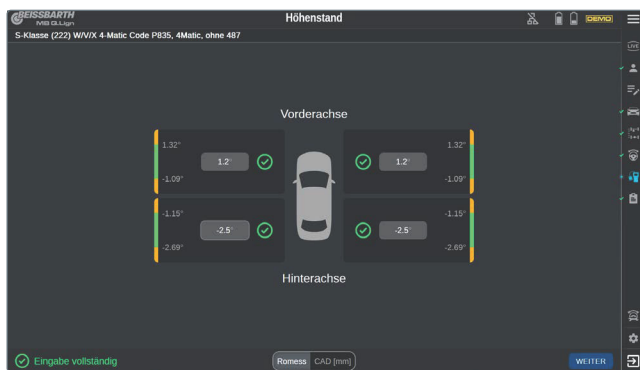
# MB Q.Lign software: Wheel alignment made easy



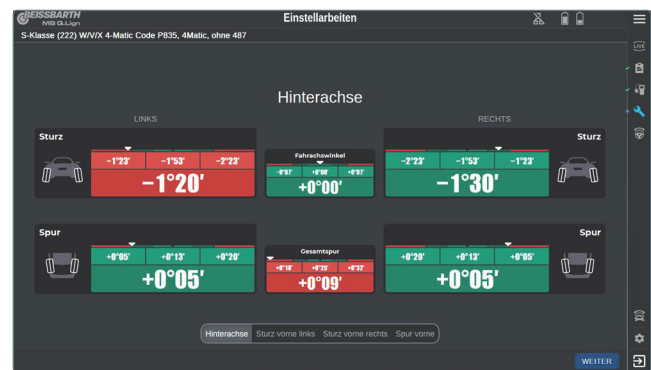
Intuitive input of tread depths



Simple guidance through MB test procedures

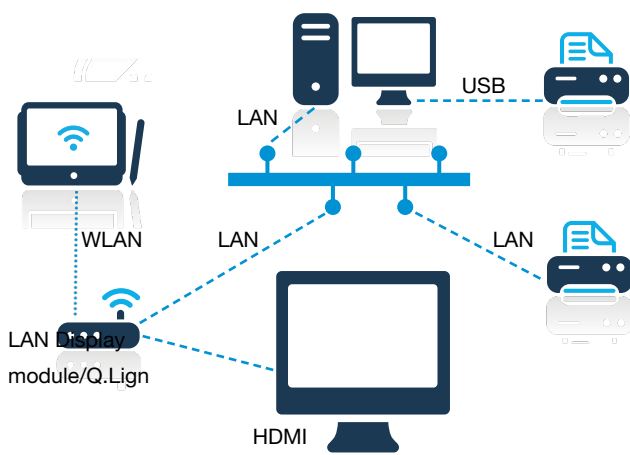


Automatic transfer of ride height values



Easy-to-understand adjustment graphics

# MB Q.Lign platform: More performance through connectivity



**Q.Lign:** perfectly integrates into workshop networks

## Connecting MB Q.Lign into the workshop network enables:

- Direct access to all measurements across the entire workshop network
- Direct download of PDF printouts for sharing with insurance companies or customers
- View measurements on a tablet or monitor to discuss them directly with the customer on site
- Use of network printers to minimize walking distances and costs
- Permanent supply of program updates over the air (OTA) *(in preparation)*



## Scope of delivery:

Standard accessories	MB Q.Lign
MB Q.Lign sensor heads (2x)	●
Display module with MB software	●
Magnetic clamps   75 mm (4x)	●
Targets with AutoID (4x)	●
Android tablet with protective case	●
Brake lock and steering wheel lock	●
Precision turntable with fillers (2x)	●
Wall mount for sensor heads	●
Li-ion batteries and charging station	●
Inground lift adapter (2x)	●
RS232 to USB 2.0 adapter	●
Mercedes-Benz vehicle database	●
Vehicle database for other manufacturers	●

Notes: The Mercedes-Benz process for warranty and guarantee work requires the use of the original MB quick clamps W 124 589 01 31 00 (4 pieces). These are not included in the scope of delivery and can be ordered directly from Mercedes-Benz.

Entering the ride height also requires the Romess inclinometer (1 693 770 002) with the appropriate adapters for the respective vehicle. This can be operated either in manual mode or in automatic mode. The automatic transfer of the ride height values to the MB Q.Lign also requires the Romess charging and data transfer station (1 693 770 003).

## Magnetic clamps – included as standard

For rims with bolt pattern from 98 to 140 mm and ferritic wheel bolts. 1 set = 4 pieces

Order number: 1 690 701 508



## MB quick clamps: (optional):

Required for warranty and guarantee work

For original MB rims with 5x125mm and 5x160mm precision drillings. Includes 5x 100mm pins.

MB order number: W 124 589 01 31 00



## Technical data:

Description	MB Q.Lign
Order number	1 690 200 010
Wheelbase	1,500 – 5,000 mm
Measurement and adjustment at lift height	Any height from bottom to top
Bolt pattern and PCD for magnetic clamp	3 / 4 / 5 / 6 bolt pattern   Ø 98-140mm
Power supply	100 – 230 V   1 Ph   50 – 60 Hz
Output	45 W
Total Weight	80 kg
Weight of sensor head	6 kg
Battery runtime	>19 h
Lift adaptation	Adds min. 12 mm to outside of lift rails

## Optional accessories:



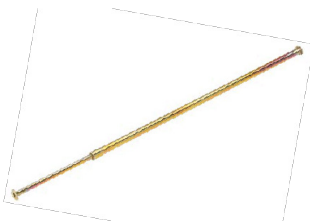
**Trolley 27" monitor, mouse and keyboard**  
Order number: 1 690 201 142



**Accessory trolley OE clamps** for OE quick clamps, steering wheel lock, and brake lock  
Order number: 1 690 101 127



**Wall Bracket OE clamps** for OE quick clamps (4 pcs.)  
Order number: 1 690 101 090



**Toe-spreader bar**  
Order number: 1 693 600 001



**Printer**  
Order number: 1 693 770 415



**Romess inclinometer** with standard adapter  
Order number: 1 693 770 002



**Romess adapter** for M-Class (W163) for front and rear axle  
Order number: 1 690 102 216



**Data/charging station** for Romess inclinometer 230 V  
Order number: 1 693 770 003



**Romess adapter** for Vaneo (W414)  
Order number: 1 693 770 004