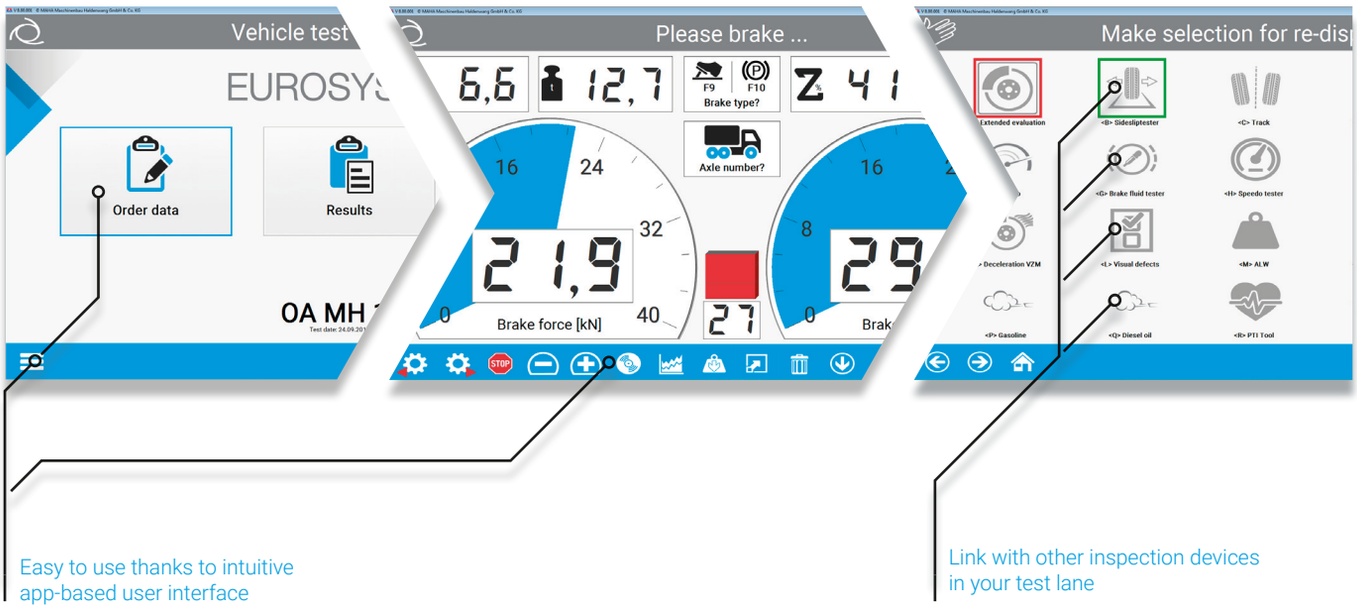
EUROSYSTEM V8

THE BEST SOFTWARE SOLUTION
FOR VEHICLE INSPECTION
WORKFLOWS. WORLDWIDE.

made by MAHA
made in Germany

REDUCED TO THE ESSENTIALS

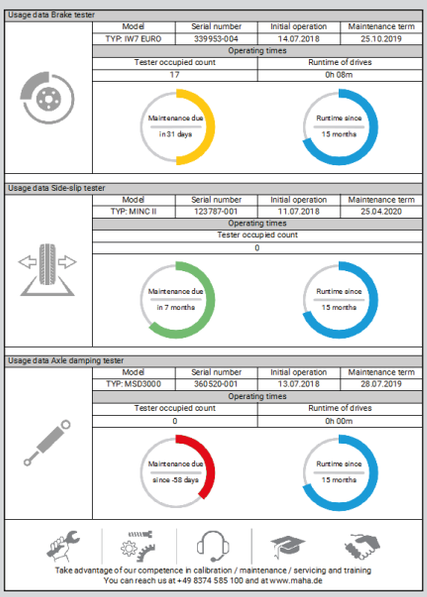
Thanks to the intuitive user interface, users can find their feet quickly and work efficiently.
The visualisation is based on the principle of big, subtle and straightforward.



Easy to use thanks to intuitive app-based user interface

Link with other inspection devices in your test lane

Machine data statistics



Information on use and maintenance of inspection devices

Guidance – made by MAHA

Stay legally compliant. Our homologated V8 offers you a large number of vehicle inspection workflows for the PTI worldwide. Allow yourself to be guided through the inspection workflow in the most efficient way.

Connections – made by MAHA

Stay connected. Connect your MAHA inspection devices with our V8. Reduce complexity in operation, workflow and data processing. A software solution for almost everything.

Individuality – made by MAHA

Stay smart. Our V8 is intuitive in operation, with rapid and efficient display. Use state-of-the-art displays, in dial or pie chart form, reduced to the essentials with all relevant information.

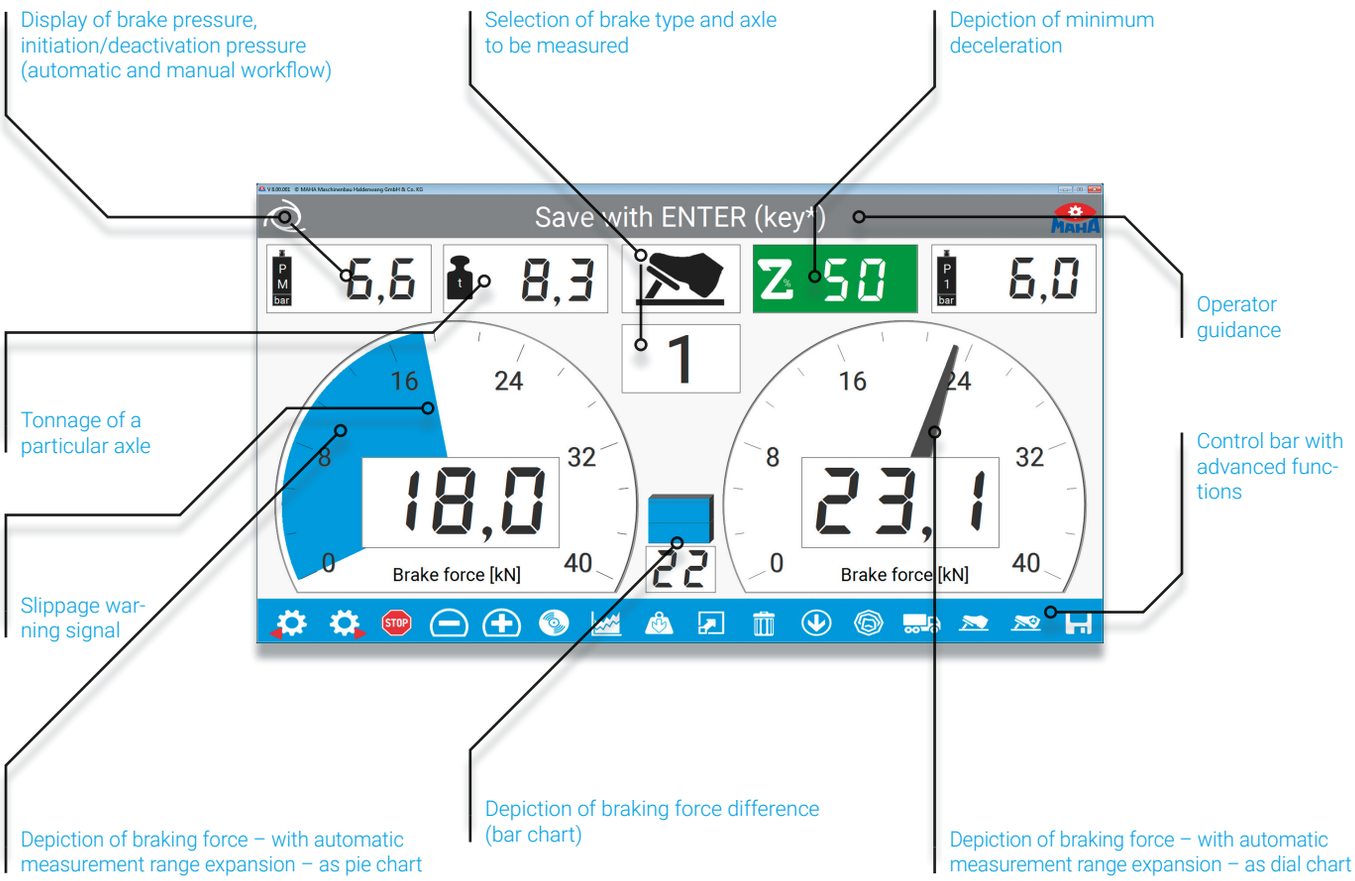
Mobility – made by MAHA

Stay where you are. Our V8 allows you to use mobile solutions, e.g. even on the tablet, inside the vehicle and to display information on multiple workstations in a test lane. Perfectly configured to meet your needs.

Reporting – made by MAHA

Stay in the know. Our test reports provide all the required information, fast, precise and straightforward. Talk to your customers and show them where action is needed – in 39 languages, for 44 countries.

EXCELLENT DEPICTION AND EVALUATION OF ALL RELEVANT MEASUREMENT VALUES



Information – made by MAHA

Stay ahead. Our V8 enables efficient data processing for vehicles, measurement results and customer data – with a licence-free SQL database. Stay in control of your data and know your customers – and not the other way round.

Optimisation – made by MAHA

Stay busy. Our V8 gives you all the data on your devices and your usage behaviour. Analyse better and make time for maintenance early on – before it's too late. Use your devices to the full: our machine data can help you to optimise downtime and waiting periods. Your customers will thank you.

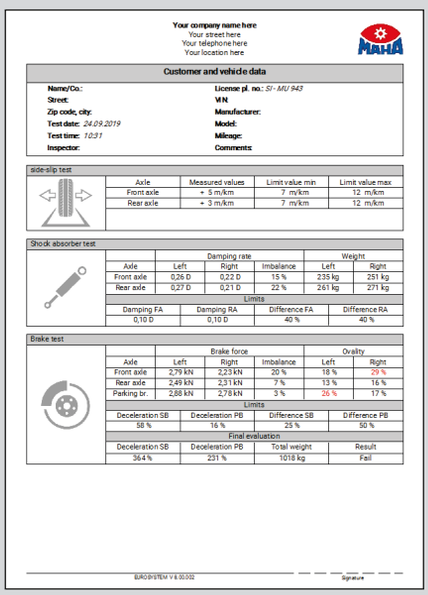
Flexibility – made by MAHA

Stay open. Our V8 offers you a large number of interfaces for communicating with other systems (ASA Livestream, Bluetooth, WIFI, XML, RS232, ES_In/Out and more)

Safety – made by MAHA

Have trust. By using remote maintenance, we make sure that our service technicians are holding the right diagnosis with the right solution ready to hand for you. This guarantees maximum service time of your equipment and minimises downtime.

The test report


Your company name here
Your street here
Your telephone here
Your location here

Customer and vehicle data

Name/Co.:
Street:
Zip code, city:
Test date: 24.09.2019
Test time: 10:31
Inspector:
License pl. no.: SI-MU 943
VIN:
Manufacturer:
Model:
Mileage:
Comments:

Side-slip test

Axle	Measured values	Limit value min	Limit value max
Front axle	+ 5 m/km	7 m/km	12 m/km
Rear axle	+ 3 m/km	7 m/km	12 m/km

Shock absorber test

	Damping rate			Weight	
Axle	Left	Right	Imbalance	Left	Right
Front axle	0,26 D	0,22 D	15 %	235 kg	251 kg
Rear axle	0,27 D	0,21 D	22 %	261 kg	271 kg

Limits

Damping FA	Damping RA	Difference FA	Difference RA
0,10 D	0,10 D	40 %	40 %

Brake test

	Brake force			Ovality	
Axle	Left	Right	Imbalance	Left	Right
Front axle	2,79 kN	2,23 kN	20 %	18 %	29 %
Rear axle	2,49 kN	2,31 kN	7 %	13 %	16 %
Parking br.	2,88 kN	2,78 kN	3 %	26 %	17 %

Limits

Deceleration SB	Deceleration PB	Difference SB	Difference PB
58 %	16 %	25 %	50 %

Final evaluation

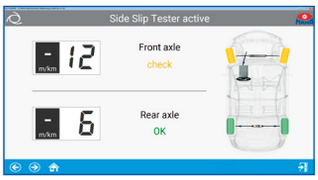
Deceleration SB	Deceleration PB	Total weight	Result
364 %	231 %	1018 kg	Fail

EUROSYSTEM V 6.00.02

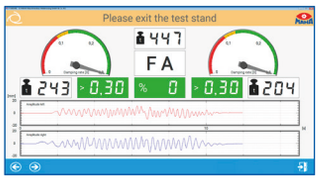
Signature

Structured and easy to understand

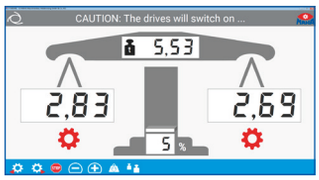
SOFTWAREMODULE



Side-slip test



Axle damping



Axle load weighing mode

Data collection

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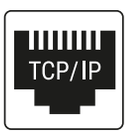
Basic software modules

- Tablet control via remote control (W-LAN)
- Visual inspection
- Extensive diagnostics menu for hotline, service centre, commissioning, etc.
- Effortless activation of software and options via activation code
- 30-day test version with all available options
- User management (with assignment of various rights)
- Visualisation of load simulation (roller set lift or pull-down method)
- Individual limit management for connected inspection devices, for expert requirements
- Dynamic and static weight measurement
- Visualisation of determination of the friction coefficient
- Determination and visualisation of the ovality
- Pedal force transfer via radio
- Radio and infrared remote control
- Brake balancing for trailer
- Pressure and leakage test for pneumatic braking systems of utility vehicles
- Optional incorporation of tachograph test

Additional software modules

- Brake evaluation (safety inspection and extrapolation)
- Multi-station capacity (expand test lane into sectional test bay)
- MCTC Net2
- Hysteresis graph
- OTC-LAN
- Noise detection (MSD)
- Agricultural vehicles (Switzerland)
- Time measurement GOST
- MLT 3000 (light test) integration via Bluetooth
- Encryption of ES_OUT interface
- Automated licence plate recognition
- Blockage warning (directly before slippage)
- RFID for non-contact identification of the inspector (using passive transponders)
- Recording of vehicle via IP camera
- Connection of external noise level meter
- Machine data statistics (incl. test report printout)
- Biometric authentication by means of fingerprint scanner

Available interfaces (APIs)



- ES_IN / ES_OUT (ASCII)
- MCTC Net2
- GIEG-Lan
- OTC-Lan

BRE13101-en 01 · Subject to technical changes without notice. The illustrations include options not part of the standard scope of delivery.

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