



mega macs S 20

Your Co-Pilot in modern workshop life

A must-have in every workshop:

mega macs S 20

EASILY JOIN, CHANGE, OR EXPAND.

Would you like to use your Android tablet or large smartphone for multi-brand vehicle diagnostics? Do you want access to the latest features with the flexibility previously available only with top-of-the-range diagnostic devices? With the mega macs S 20 from Hella Gutmann, it's all possible. This solution combines flexible software and licence modules, the modern SDI (Smart Diagnostic Interface) user interface or DoIP capability – just to name a few highlights.

Hella Gutmann has taken the strengths of the software-based mega macs ONE and combined them with the valuable DNA of the top-tier mega macs X, creating the mega macs S 20 for flexible use with Android devices. Whether you prefer using your tablet or large smartphone (from Android 10), the full power of professional multi-brand diagnostics is at your fingertips with the mega macs software and firmware we provide. The package includes the HG-VCI S 20, which plugs into the OBD interface and features Bluetooth® and USB-C connectivity.

STATE-OF-THE-ART TECHNOLOGY AND CONTENT

At the core of the mega macs S 20 is the innovative SDI software architecture, ensuring maximum clarity and a fast, intuitive diagnostic workflow. This smart SDI software, once reserved for Hella Gutmann's top devices, is now available with the mega macs S 20. In addition, the mega macs S 20 is compatible with the DoIP and CAN-FD data transmission protocols, enabling you to diagnose even the most modern vehicles with Ethernet-based networks.

YOU CHOOSE THE SCOPE OF PERFORMANCE

Thanks to its flexible concept with three selectable software modules and associated usage licences, you have the freedom to tailor the mega macs S 20 diagnostic solution to your specific needs. Whether you're looking for a cost-effective solution for services and vehicle assessments, a comprehensive diagnostic tool, or preparing for future needs in traction battery assessment, the mega macs S 20 has you covered.

You can decide now or later which version of the mega macs S 20 best suits your needs. With the entry-level S1 licence, which includes all software updates, you won't even incur any running costs. It's an excellent and secure investment in your workshop's future.



YOUR MEGA MACS S 20 AT A GLANCE

- Diagnostic solution for Android tablet or smartphone
- Flexible licence system
- Regular updates and growing vehicle coverage without monthly running costs included
- Basic functions (read/delete faultcodes, total query, service reset, basic settings) without monthly running costs
- Direct data transfer of the selected vehicle data to HGS Data
- Compatible with current communication protocols such as CAN, DoIP and CAN-FD
- Clear and intuitive SDI user interface (Smart Diagnostic Interface)
- Smart language handling by automatically adopting the language setting of your end device
- Fault code-based online solution suggestions
- Performance of ADAS calibrations possible*

* Requires a CSC-Tool

Smart Diagnostic Interface makes it possible

WORK IN THE WORKSHOP THE WAY YOU ARE USED TO ON YOUR SMARTPHONE

At Hella Gutmann, SDI (Smart Diagnostic Interface) represents an innovative software architecture that was previously reserved for the mega macs X and the mega macs 77. SDI's user-friendly interface is based on the intuitive logic found in smartphones. That's why in your customized app launcher, all important functions are at your fingertips. Thanks to SDI, your Android tablet and smartphone become state-of-the-art tools in your everyday workshop operations.

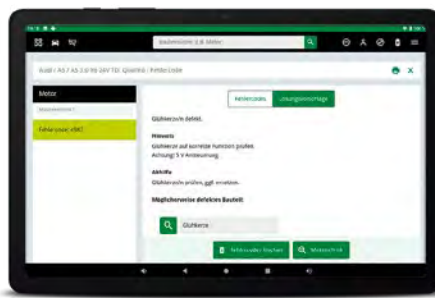
More than just fast navigation, your mega macs S 20 offers targeted content – some of which is even included with the free S¹ licence.



SUPPORT

During system diagnostics, practical error code-based solution suggestions help you quickly identify the root cause.

LICENCE S¹



HGS DATA

Directly access the HGS Data web application, with automatic vehicle parameter transmission, saving you valuable time by eliminating redundant data entry.

LICENCE S¹



OBFCM*

Securely transfer OBFCM data to authorities – a function especially advantageous in countries like Austria, the Netherlands, and Denmark due to regulatory requirements.

ALL LICENCES



YOU CAN SET UP YOUR MEGA MACS S 20 IN JUST A FEW SIMPLE STEPS USING STATE-OF-THE-ART TECHNOLOGY:

- 1 From the welcome mail sent by HGS, create an Hella Gutmann account
- 2 Download the mega macs S 20 app from the Google Play Store and start it
- 3 Log in with the created Hella Gutmann account
- 4 Pair the HG-VCI S 20 with the mega macs S 20 software app according to the instructions
- 5 The software download then starts automatically.
- 6 Once the installation is complete, the SDI software starts automatically
- ✓ With that, your Android device has become your workshop Co-Pilot.

* On Board Fuel Consumption Monitoring



Start simple. Master it with confidence.

Your Long-Term Advantage: Even after an S² or S³ licence expires, you can continue using the basic S¹ licence with ongoing software updates indefinitely.

LICENCES FOR THE MEGA MACS S 20*		
Licence S ¹	Licence S ²	Licence S ³
FUNCTIONS		
<ul style="list-style-type: none"> • Diagnostic port location • Component location • Read/delete trouble codes • Global check • DoIP-/CAN-FD-Technology • Service reset • Basic setting • OBFCM** • Printout via e-mail 	<ul style="list-style-type: none"> • Diagnostic port location • Component location • Read/delete trouble codes • Global check • DoIP-/CAN-FD-Technology • Service reset • Basic setting • OBFCM** • Printout via e-mail • Car History • Actuator test • Test function • Parameters • Codings • Automated mileage query 	<ul style="list-style-type: none"> • Diagnostic port location • Component location • Read/delete trouble codes • Global check • DoIP-/CAN-FD-Technology • Service reset • Basic setting • OBFCM** • Printout via e-mail • Car History • Actuator test • Test function • Parameters • Codings • Automated mileage query • Proposed online solutions based on trouble codes
SERVICES & DATA		
	<ul style="list-style-type: none"> • Send OBFCM data to authorities 	<ul style="list-style-type: none"> • Send OBFCM data to authorities • Technical Centre support (electronic ticket) • Transfer of vehicle data to HGS Data (direct link from the diagnostic software)***
TECHNICAL HELP LINE (OPTIONAL)		
	<ul style="list-style-type: none"> • + 61 (0) 447 919 883 • + 61 (0) 3 95819415 	<ul style="list-style-type: none"> • + 61 (0) 447 919 883 • + 61 (0) 3 95819415
LICENCE S 20 HGS DATA ADD-ON (OPTIONAL)		
		<ul style="list-style-type: none"> • Access to HGS Data Web

*Corresponding software module required

**OnBoard Fuel Consumption Monitoring

***For using this function HGS Data access is required

Technical data

HG-VCI S 20

Voltage OBD	8–32 V DC
Current OBD	Max. 350 mA
Voltage USB	5 V DC
Power USB	Max. 500 mA
Outside air temperature Working range	0 to +45 °C
Storage temperature	-20 to +60 °C
Dimensions	115.5 × 47.5 × 24 mm (L × W × H)
Weight	100 g
Protection class	IP40
Frequency band	2400 to 2483,5 MHz (Bluetooth®)
Field strength	11 dBm
Interfaces	<ul style="list-style-type: none"> • Bluetooth® Classic, Class 1 • USB 2.0 Hi-Speed, Type C connector • CARB
Radio range	<ul style="list-style-type: none"> • Inside: 3 to 10 m • Outside: up to max. 50 m

SYSTEM REQUIREMENTS DISPLAY UNIT

Operating system	At least Android 10
Memory	Storage capacity ("disc") of at least 8 GB for the app and the associated data must be freely available
Recommended display diagonal	At least 8"
Working memory	At least 2 GB
Camera may be present	Yes
Interfaces	Bluetooth® Classic, Class 1, WiFi

SOFTWARE MEGA MACS S 20 *

SDI module S¹ (software module for licence S¹)
Item no. 8PY 015 270-571

SDI module S² (software module for licence S²)
Item no. 8PY 015 270-581

SDI module S³ (software module for licence S³)
Item no. 8PY 015 270-591

LICENCES MEGA MACS S 20 **

Licence S¹ (for mega macs S 20 with SDI module S¹)***
Item no. 8PY 015 270-411

Licence S² (for mega macs S 20 with SDI module S²)
Item no. 8PY 015 746-121

Licence S³ (for mega macs S 20 with SDI module S³)
Item no. 8PY 015 746-131

Licence S 20 HGS Data Add-On (for mega macs S 20 with SDI module S³)
Item no. 8PY 015 270-761

Item. no. 8PD 015 265-211



All information on mega macs S 20 can be looked up at <https://www.hella.com/techworld/au/> and of course from your Hella Gutmann sales partner.

* One-off costs
** Monthly costs from the 7th month
*** Free of charge

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