



SPEEDMAXX 3

THE FULLY AUTOMATIC A/C STATION »MADE IN GERMANY«

SpeedMaxx 3 – maximum precision, reliability and top garage suitability.



YOUR FIRST FULLY AUTOMATIC COLLEAGUE: THE SPEEDMAXX 3 FROM VULKAN LOKRING.

The air-conditioning market is booming. There is hardly a new vehicle delivered these days without A/C. A/C technology requires continual maintenance, repair and care, in other words: services. For many garages, this means lucrative additional business. This A/C service is provided by the SpeedMaxx 3 with a combination of unequalled precision and no-compromise garage suitability. Developed and manufactured in Germany and tested by ourselves under the toughest climate conditions in South Africa, the SpeedMaxx 3 provides unrivalled German engineering technology reliability to increase your business efficiency.

A/C SERVICE WITH THE SPEEDMAXX IS FULLY AUTOMATIC

- ⊕ Recovery and recycling of refrigerant
- ⊕ Purging of used oil
- ⊕ Evacuation
- ⊕ Vacuum leak test
- ⊕ Charging of oils, UV dye and refrigerant
- ⊕ System pressure test
- ⊕ Graphical expression of the working pressure curves
- ⊕ Purging of non-condensing gases

**SO WHY NOT GET YOURSELF A COFFEE WHILE
THE SPEEDMAXX 3 IS DOING THE WORK FOR YOU?**



SpeedMaxx



**MORE
RELIABILITY.
LOWER
COSTS.**

FULL SERVICE WITH HIGH PRECISION LEVEL

WHAT THE SPEEDMAXX 3 CAN DO

SIMPLE AND INTUITIVE MENU NAVIGATION



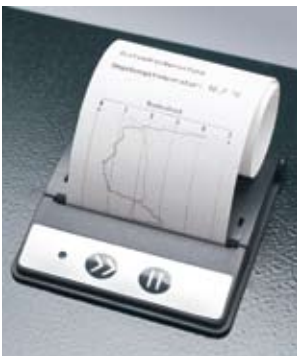
The intelligent menu navigation takes you through the fully automatic processes with only 3 keys. Thanks to the self-explanatory operating concept, there's no need to waste time looking things up in complicated operating manuals. The ergonomics of the operating panel and the large 5.7" graphic display support this innovative form of menu navigation.

ABSOLUTE REFRIGERANT PURITY



The patented containers for oil and UV dye hermetically seal the contents from the environmental air. This means hydroscopic oil does not become contaminated by humidity. The refrigerant remains absolutely pure and the refrigerant cycle is not damaged through soiling. The SpeedMaxx 3 conforms with SAE J2099 for refrigerant purity.

RECORDED PROCESSES



The integrated printer allows you to clearly record the processes carried out on the basis of measured data and graphical printed curves. Thanks to the use of thermal paper you get pin sharp print-outs, as many copies of which you can have printed as you need.

STRICT QUALITY CONTROLS



The SpeedMaxx 3 is manufactured, 100%, in the VULKAN LOKRING plant. Before a SpeedMaxx 3 is delivered to the customer, more than 50 tests and check-up steps are carried out during final acceptance. Our efforts save you expensive service work and downtimes during the A/C service unit's working life.

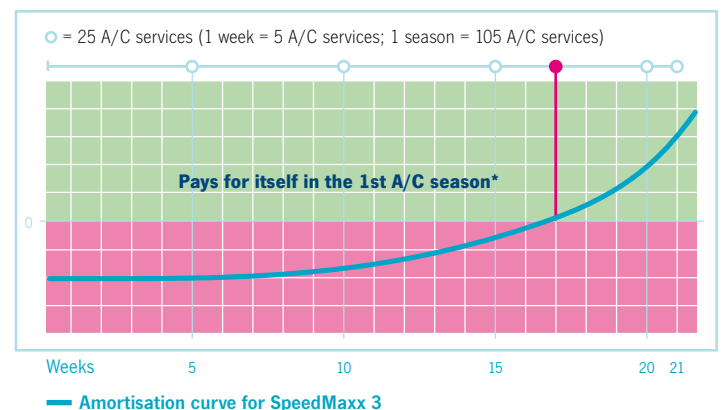
LESS DOWNTIME = MORE PROFIT

SPEEDMAXX 3 WILL QUICKLY HAVE YOU IN THE PROFIT ZONE

You can always rely on the SpeedMaxx 3. Like on any good colleague. The unit has to work reliably to be able to pay for itself quickly. The SpeedMaxx 3 provides clear advantages:

- ⌚ »Made in Germany« – making it significantly more reliable than its competitors from around the world
- ⌚ No tedious repairs and downtimes
- ⌚ Incorrect operation as good as impossible thanks to the completely intuitive user guidance
- ⌚ Pays for itself within one season* (see adjacent graph)

AMORTISATION CURVE FOR THE SPEEDMAXX 3



* Since A/C servicing is seasonal business, we have assumed a season lasting 21 weeks for this calculation. A customer price of 69 euros was estimated for an A/C service, with a profit margin of 40 euros.

PRECISE. RELIABLE. ROBUST.

THE SPEEDMAXX 3 IN DETAIL

The SpeedMaxx 3 has a compact, robust and unique steel housing to match its powerful interior. In-house development and production by VULKAN LOKRING. So you can rely on long-life quality »Made in Germany«.



FLUSHING UNIT (AVAILABLE AS AN OPTION)*

AIRTIGHT TANKS FOR FRESH OIL AND UV-DYE

RECYCLING REFRIGERANT BOTTLE WITH QUICK-RELEASE SAFETY FEATURE

TIDY INTERIOR NOT PRONE TO INTERFERENCE

WHAT ELSE YOU MAY NEED: OPTIONAL ACCESSORIES FOR THE SPEEDMAXX 3

PRINTER FOR TEST REPORTS

OPERATING PANEL WITH LARGE KEYS

LARGE BRIGHT 5.7" DISPLAY

MaxX

ROBUST METAL HOUSING

MANUFACTURER
APPROVAL

FULLY MOBILE THANKS TO 4 WHEELS

SPEEDMAXX: FD.9 | Flushing unit



The pressurised tank ensures that refrigerant flow speed is optimized for cleaning the air-conditioning system. It is simply attached to the SpeedMaxx 3 and is integrated into the flushing circuit by means of the connection hoses provided.

Scope of supply

- ⊕ Service hose blue (3 m)
- ⊕ Quick coupler (blue)

Article no.	Article name	Description
L13004581	SPEEDMAXX FD.9	Flushing unit

SPEEDMAXX: PAG 46 | PAG-OIL



A/C compressor oil in different viscosities (46, 100, 150)

Article no.	Article name	Description
L14002648	SPEEDMAXX PAG 46	250 ml
L14002649	SPEEDMAXX PAG 100	250 ml
L14002650	SPEEDMAXX PAG 150	250 ml

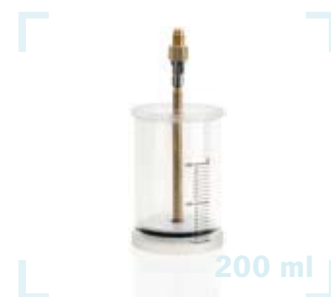
SPEEDMAXX: HUVD | UV Leak detection



UV dye additive especially developed for air-conditioning systems in hybrid vehicles. For approx. 32 car applications.

Article no.	Article name	Description
L14003376	SPEEDMAXX UVD.240	UV dye, 240 ml
L14003382	SPEEDMAXX HUVD	UV dye for hybrid vehicles, 250 ml

SPEEDMAXX: OFC | Oil charging vessel



Patented oil charging vessel for additional PAG oils of different viscosities. This vessel guarantees the purity of the refrigerant through the atmospheric sealing of the hygroscopic oil.

Article no.	Article name	Description
L12002965	SPEEDMAXX OFC	Oil charging vessel, 200 ml



LOKRING: Weltweite Verbindungen
LOKRING: connecting worldwide



D VULKAN LOKRING Rohrverbindungen GmbH & Co. KG

Heerstraße 66 _ D-44653 Herne _ PO Box 20 04 68 _ D-44634 Herne
 Phone +49 23 25 92 23 04 _ Fax +49 2 32 55 12 22
 E-mail: info.lok@vulkan24.com _ www.vulkan24.com

SPEEDMAXX service number

for technical questions, orders and information requests: +49 23 25 92 23 83



SPEEDMAXX 3

Scope of supply

- ⊕ VULKAN LOKRING SPEEDMAXX 3
- ⊕ Housing key
- ⊕ Adapter for refrigerant bottles with 1/4" SAE connection
- ⊕ Adapter for refrigerant bottles with W21.8-14 connection
- ⊕ Software update cable

Optional accessories

- ⊕ Flushing unit SPEEDMAXX FD.9
- ⊕ Flushing adapter kit LOKBOX FD.9-AK
- ⊕ A/C diagnosis sight glass LOKTOOL DSG.600
- ⊕ Dust cover SPEEDMAXX DC.3

Consumables

- ⊕ A/C compressor oil in different viscosities SPEEDMAXX PAG (46, 100, 150)
- ⊕ A/C compressor universal oil SPEEDMAXX MPL.1000
- ⊕ A/C compressor oil for hybrid vehicles SPEEDMAXX HL
- ⊕ UV dye SPEEDMAXX UVD.240
- ⊕ UV dye for hybrid vehicles SPEEDMAXX HUVD
- ⊕ Maintenance kit SPEEDMAXX MK 3 (refrigerant filter-dryer, vacuum pump oil, particle screens and O-rings)
- ⊕ Thermal paper SPEEDMAXX PP

**WOULD YOU LIKE TO FIND OUT MORE DETAILS?
 WE'RE MORE THAN HAPPY TO HELP.**

VULKAN LOKRING catalogue for vehicle servicing



This catalogue contains our complete range for professional repairs and service tasks on vehicle air-conditioning systems: Innovative tube and hose connection systems for repairs and replication of refrigerant lines. Tools, devices and accessories for the day-to-day work in garages the field of vehicle A/C servicing.

VULKAN LOKRING brochure »LOKRING AND LOKCLIP«



This catalogue presents our patented and TÜV-tested system for repairs and replication of pipelines and hoses in more detail. This all-purpose system enables you to carry out repairs quickly and at low cost, without having to wait for expensive original spare parts.

NOTE: You can download our print media as PDF files from our website www.vulkan24.com.

Article no.	Article name	Description
L13004169	SPEEDMAXX 3	Air-conditioning service unit

Technical data

Suitable for refrigerant	R134a
Recovery performance	30 kg/h
Vacuum pump displacement	120 L/min
Refrigerant cylinder (net contents)	21 kg
Charging accuracy (R134a)	± 10 g
Charging accuracy (oil)	± 1 ml
Length of charging hoses	2,5 m
W x H x D in mm	465 x 1170 x 760
Weight	109 kg
Power supply	220/240V - 50/60 Hz

