

# Automatic riveting unit GAV HF

Fully-automatic blind rivet system for very strong blind rivets



## Working range

- Blind rivet sizes from 4.8 mm to 8.0 mm Ø all materials
- Rivet body lengths up to 35 mm
- Setting head diameter up to 19 mm
- Mandrel up to 5.5 mm Ø
- Traction power up to 20,000 N at 5 bar air pressure

## Advantages

- Conveyor pot filling level display
- Operating pressure: 5 bar
- Vibration-dampened pressure intensifier attachment
- Multiple monitoring of the blind rivet pistol by means of sensors
- Industrial control with an 8" colour display
- Conveyor distances of up to 25 m are possible when used in fully-automatic production systems
- Electronic system controls
- Intuitive menu guidance via navigation and function keys
- Function display
- Maintenance display and simple fault diagnosis
- Customer-specific software modification is possible
- Ideal for applications that do not require any process monitoring

Advice and delivery time on request



A comparison of the size of a blind rivet that can be set with GAV HF and a GESIPA®-PolyGrip® rivet and a 1 Euro coin



- Rivet mandrels are disposed of via a vacuum system
- Surface contact trigger available as an optional extra
- Can be integrated into the system or operated independently
- Interface for external memory-programmable control system (SPS) can be realised via the GESIPA®-Interface

# Accessories for GAV HF

The accessories for GAV HF allow an individual system configuration for each different application case

## Foot pedal

The foot pedal is a practical solution wherever applications require both hands to affix the parts that need to be riveted.



Foot pedal

## Surface contact monitoring with dual-hand operation

This special type of surface contact monitoring guarantees the manipulation-proof process-secure joining of parts. In applications that are relevant for safety, it is often necessary to completely rule out manipulations in the riveting process.

## GSM radio module

In the event of any deviations to the target status e.g. nearly empty feed unit, the GSM radio module (GSM = Global System for Mobile Communications) reports this to a mobile telephone or a process control centre via a call or an SMS. This allows short response times.

## Electronic key system and safety switch

An electronic key system and a safety switch guarantee safe access control for at least two user groups and lock the covering hood to prevent unauthorised access to the components in the supply unit.

## Special length tube packages

A larger working radius can be achieved, e.g. for use on fully automatic production lines, by using packages of special hose lengths. These are available in various dimensions up to around 25 m to meet the requirements of the various applications.

## Operatingstatus display

The signal lamps attached to the device in the colours red, green and white indicate the operating status of the system. An empty rivet tank, any deviations from the target operating status etc. are indicated immediately.



Signal lamps indicate the operating status