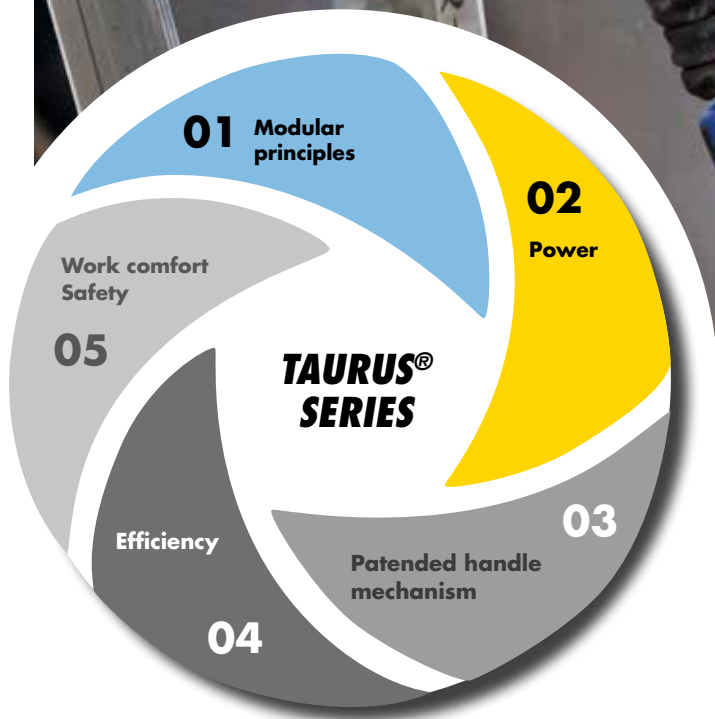


# THE TAURUS® SERIES

The cost-efficient construction, perfect handling properties and practical accessories are what make the TAURUS® series so unique and flexible.



Since the market introduction of the **TAURUS® 2** in the year 2002, the TAURUS® series has managed to convince thousand times over in trade and industry. The TAURUS® 2 especially is a true all-rounder.

**TAURUS** 



**TAURUS® 1**



**TAURUS® 2**



**TAURUS® 3**



**TAURUS® 4**



**TAURUS® 5**



**TAURUS® 6**

# ADVANTAGES WHICH SIMPLY CANNOT FAIL TO CONVINCING YOU!

## 01 MODULAR PRINCIPLES

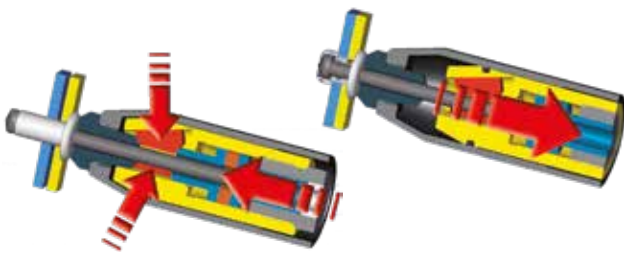
- Widest possible parts commonality – low spare part stocks required and simple maintenance
- Flexible adaption to new applications

## 02 POWER

- High setting forces combined with low weight
- Fast work cycle
- Optimised stroke for the entire series

## 03 PATENTED HANDLE MECHANISM\*

- With forcibly actuated jaws by pneumatic pressing
- Safe, non-slip gripping of the rivet mandrel
- Just one model of jaws for all tools
- Very long service lives



\* Patented jaw system

- > The three jaws move in separate channels while being under forced control.
- > The jaws are pressed onto the mandrel by using compressed air instead of spring force – the force being ten times higher than usual.
- > Due to the high pressure the jaws immediately cling to the mandrels upon triggering the riveting process, only then the pulling movement starts.

GESIPA®-system – decisive advantages

- > The complete stroke of the tool is used for setting the rivet guaranteeing a reliable setting process.
- > The immediate and non-slip grip of the mandrel reduces abrasion and troublesome soiling.
- > Since the jaws do not slide along the mandrel, the wear and tear of the jaw profiles is reduced.

Lower costs due to longer service life and low requirements regarding maintenance and spare parts needed.

## 04 EFFICIENCY\*\*

- Little compressed air consumption thanks to dual function: setting the rivets and extracting the spent mandrels use the same air
- Air suction needed only for vertical downwards riveting.
- Can be permanently switched-off if not needed.

### \*\* Optimum use of compressed air ensures maximum efficiency and low operating costs

Compressed air is used very often in industrial production because of its flexibility. It does, however, cause relatively high costs and its consumption damages the environment. These disadvantages are more than enough reason for GESIPA® to equip the TAURUS® tool series with a special technique that allows to save compressed air and is unique throughout the world. The GESIPA® System uses the compressed air required for the setting process twice. First, to set the blind rivet and secondly, to extract the spent mandrel. Dual use of the compressed air means no expensive, fresh compressed air is needed which other tools on the market constantly need just to extract the spent mandrel. And, last but not least, noise emission from the TAURUS®-tools is extremely low.



In two-shift operation and with compressed air costs of approximately € 0.03 per m<sup>3</sup> this innovative technique allows savings of up to € 720 per year and tool. A TAURUS® 2 can pay for itself in less than one year.

## 05 WORK COMFORT / SAFETY

- Rubberised, moulded grip
- Balanced center of gravity
- Low-vibration and soundproof
- Little activation force required
- Spent mandrel container with swivelling air deflector
- Overpressure valve for prevention of overload
- Integrated protection feature prevents the ejection of spent mandrels while the spent mandrel container is removed

# TAURUS® DEVICE SERIES – THE MODULAR CONCEPT

The TAURUS® series – unique modular principle. Minimal spare parts stocks, easy maintenance

## Extension units

Free access to difficult-to-reach riveting points



Single-piece  
(different sizes)



Multi-piece  
(different sizes)

## Nosepieces

different sizes



## Hanger

## Spring-loaded trigger system

for gap-free riveting



## External trigger

for external triggering



## Air suction function

## Nosepiece allocation



GESIPA®-Interface

## Setting process monitoring

for reliable setting processes



## The TAURUS® device series – Versatile accessories complete the range

The modular concept for the TAURUS® series 1-4 lets the user customise the TAURUS® devices to match his individual requirements.

Many identical parts that can be used across all devices reduce the need to stock spare parts and make maintenance easy. This wide range of options provides the user with a high degree of flexibility. Each device in the TAURUS® series 1-4 can be fitted with many different spare parts or refitted according to the application.

### Tool mount

for integration into automated applications



### Rivet mandrel evacuation



### Blind rivet counters



GRiv-Count



GRiv-Amp

### Spent mandrel container

adoptable for TAURUS® tools 1-4



TAURUS® 1-2



TAURUS® 3-4



PH-2000

### Swivel air connector



### Counter eco



### Flexible base

Optimized stability



# TAURUS® SERIES



With silencer

## TAURUS® 1

No. 145 7665

### TECHNICAL DATA

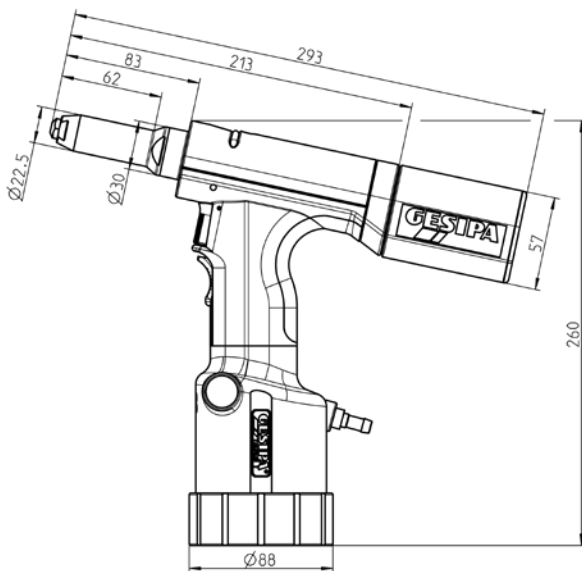
Weight:	1.3 kg
Operating air pressure:	5-7 bar
Air hose connection:	6 mm Ø (1/4")
Air consumption:	approx. 1.0 ltr. per rivet
Traction power:	5,500 N at 6 bar
Stroke:	15 mm

### WORKING RANGE

Sets blind rivets from 2.4 up to 3.2 mm  
Ø all materials and up to 4 mm Ø alu/steel  
(max. mandrel Ø 2.5 mm)

### SCOPE OF DELIVERY

Nosepieces: 17/18, 17/20 and 17/22,  
maintenance wrench SW12/14, SW14/17,  
1 hydraulic oil bottle 100 ml, 1 oil refill can,  
Operating instructions with spare parts list



Dimensions in mm



## TAURUS® 2

No. 145 7771

### TECHNICAL DATA

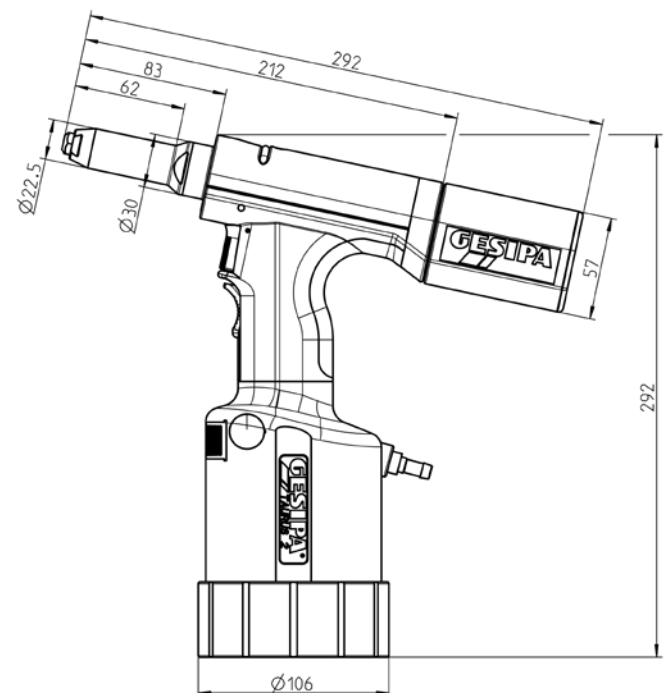
Weight:	1.6 kg
Operating air pressure:	5-7 bar
Air hose connection:	6 mm Ø (1/4")
Air consumption:	approx. 2.3 ltr. per rivet
Traction power:	11,000 N at 6 bar
Stroke:	18 mm

### WORKING RANGE

Sets blind rivets up to 5 mm Ø all materials and up  
to 6 mm Ø alu/steel (max. mandrel Ø 3.2 mm)

### SCOPE OF DELIVERY

Nosepieces: 17/24, 17/27, 17/29 and 17/32,  
maintenance wrench SW12/14, SW14/17,  
1 hydraulic oil bottle 100 ml, 1 oil refill can,  
Operating instructions with spare parts list



Dimensions in mm