# PowerBird® Pro Gold Edition


## The Bird Pro series

GESIPA®, which invented battery-powered blind riveting technology, has been producing the Bird series for over twenty years now. To this day, it sets the standard for the battery-powered blind riveting devices market. Not least due to changing customer requirements, the Bird family's modular system is updated on a regular basis. GESIPA® has therefore built a new platform that will supplement the current Bird series to meet the highest customer requirements. The ***PowerBird® Pro Gold Edition*** is the innovator of this new series.

## BLDC technology

A BLDC motor is a brushless DC motor that, instead of brushes that are susceptible to wear, uses electrical sensors to detect the rotor's position and commutate the stator coil via circuit breakers. A special software in the electronics controls the motor. The advantages of a BLDC motor include high efficiency, long service life, particularly smooth running with a precision ball bearing and a reduction in electrical noise radiation.



# PowerBird® Pro Gold Edition – riveting tool with 20 kN setting force and brushless motor

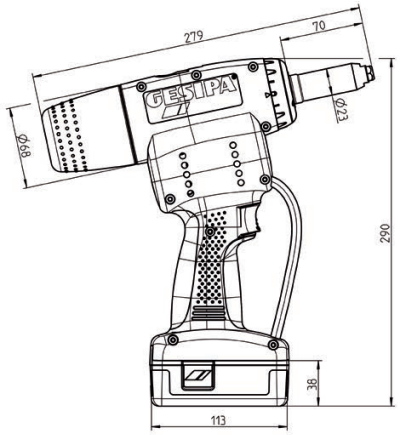
***Available from the middle of 2014***

**PowerBird® Pro Gold Edition**
with a sliding battery 18.5 V / 2.1 Ah
and a charging unit with plastic case

**Part no. 730 0002**


## Even more powerful

The PowerBird® Pro Gold Edition is even more powerful. Thanks to the brushless motor and the setting force of 20,000 N, it is even able to set G-Bulb® and PolyGrip® blind rivets up to Ø 6.4 mm of all materials. In order to set particularly long rivets, the stroke has been increased by 25% to 25 mm.




## Even faster, almost no wear

Because brushes that are susceptible to wear are no longer used, the motor of the PowerBird® Pro Gold Edition has an extremely long service life with almost no wear. The brushless motor for the highest setting rate.

## Even more ergonomic

The unparalleled ergonomics of the tried-and-tested TAURUS® series are now also available on the PowerBird® Pro Gold Edition, guaranteeing fatigue-free work.

## The all-rounder

Blind rivets from Ø 4.8 mm steel to Ø 6.4 mm of all materials, up to Ø 8 mm for aluminium. BULB-TITE® blind rivets up to Ø 7.7 mm, all materials. MEGA GRIP® blind rivets up to Ø 6.4 mm, all materials.

# PowerBird® Pro Gold Edition – riveting tool with 20 kN setting force and brushless motor

**Technical data**

| | |
|---|---|
| Setting force: | 20,000 N |
| Weight: | 2.0 kg incl. battery |
| Drive: | Brushless DC |
| motor | (BLDC) |
| Stroke: | 25 mm |

**Equipment**
Nosepieces: 17/32, 17/36, 17/40 and 17/45

**Jaws (3 pieces)**
**Part no. 756 1172**

**Advantages**
- More powerful and longer-lasting BLDC motor for quick flow of work
- 25 mm stroke for long blind rivets
- 20 kN setting force for particularly large blind rivets
- Variable lighting in the adjusting ring
- Increased stability due to larger, non-slip stand surface and lower centre of gravity
- Easy-to-grasp housing thanks to Softgrip
- New sliding battery
- Charging unit with quick-charge function

## Characteristics

### 1. Lighting

The light-emitting diodes precisely aligned to the work piece are integrated into the adjusting ring. There are three possible switch positions:
1. Process-controlled: The diodes remain illuminated after the setting process, which allows a continuous workflow even in bad lighting conditions.
2. Torch function: The diodes remain lit for 10 minutes.
3. Lighting off, saves electricity.

### 2. Sliding battery

New sliding battery with exact optical and acoustic charging status display prevents unpleasant surprises. The deep sleep function and the electrical feedback of the braking energy extend the battery range – a battery charge lasts for up to 2,000 riveting operations. Additional catching grids prevent falling.

### 3. Charging unit

Charging unit with quick-charge function.
The battery can be used again after only 45 minutes of charging, and is fully charged after just 90 minutes.






# PowerBird® Pro Gold Edition – riveting tool with 20 kN setting force and brushless motor

## Accessoires

**Sliding battery 18.5 V/2.1 Ah (Li-ion)**
**Part no. 730 1007**

Weight: 0,4 kg
Sold separately as a special accessory

**Charging unit for 18.5 V Li-ion battery**
**Part no. 730 1008**

**Technical data**

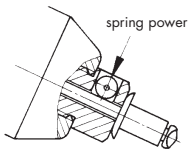
| | |
|---|---|
| Input voltage: | 100 - 240 V / 50 - 60 Hz |
| Output voltage: | 21 V DC |
| Charging time: | 45 to 90 minutes (depending on the battery) |
| Weight: | 0.6 kg |

**Nosepiece assignment**

| Rivet Ø mm | Rivet material | Nosepiece | Part no. |
|---|---|---|---|
| 4,8 und 5,0 | Steel, Alu | 17/32 | **725** 2067 |
| 4,8 und 5,0 | Stainless Steel | 17/36 | **725** 2083 |
| 6,0 | Alu | 17/36 | **725** 2083 |
| 6,0 | Steel | 17/40 | **725** 2560 |
| 6,4 | Alu, PG-Alu | 17/45 | **724** 3065 |
| 6,4 | Steel | 17/45 | **724** 3065 |
| 8 | Alu | 17/45 | **724** 3065 |
| **BULB-TITE® blind rivet** | | | |
| 4,0 | Alu | 17/26 BT* | **725** 2202 |
| 5,2 | Alu | 17/32 BT* | **725** 2210 |
| 6,3 | Alu | 17/42 BT* | **725** 2229 |
| 6,3 | Steel | 17/42 BT* | **725** 2229 |
| 6,3 | Monel | 17/42 BT* | **725** 2229 |
| 7,7 | Alu | 17/48 BT* | **725** 2237 |
| | | and jaws | **715** 1527 |
| **MEGA GRIP® blind rivet** | | | |
| 4,8 | Alu | 17/31 MG* | **725** 2250 |
| 6,4 | Alu | 17/41 MG* | **724** 3146 |
| 4,8 | Steel | 17/31 MG* | **725** 2250 |
| 6,4 | Steel | 17/41 MG* | **724** 3146 |
| 4,8 | Stainless Steel | 17/31 MG* | **725** 2250 |
| 6,4 | Stainless Steel | 17/41 MG* | **724** 3146 |

**Special accessories: Retaining nosepiece**

- Inserted rivet remains in place in any position
- Rivet setting with only one hand
- Increased safety while working




| Retaining nosepiece | Part no. | Retaining nosepiece | Part no. |
|---|---|---|---|
| 17/40 R | **725** 4125 | 17/45 R | **725** 4126 |

Compatible with additional accessories from other battery-powered blind rivet setting devices.

* Available as special accessory. Special nosepieces available on request. The specifications concerning nosepiece assignment apply to DIN and GESIPA® blind rivets.