iBIRD® PRO

iBird® Pro – the optional setting process assistant from GESIPA® provides assistance when evaluating riveting processes

No. 167 9681

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No. 167 9684

TECHNICAL DATA

Connection:	WiFi 2.4/5.0 GHz and Bluetooth
Setting force:	20,000 N
Weight:	2.2 kg with battery (2.0 Ah)
Drive:	18 V brushless DC motor (BLDC)
Stroke:	25 mm

SCOPE OF DELIVERY

Nosepieces: 17/32, 17/36, 17/40 and 17/45
Additional jaw pusher for smaller blind-rivet dimensions (Required nosepieces page 130)

WORKING RANGE

Blind rivets up to Ø 6.4 mm all materials and BULB-TITE®-blind rivets up to Ø 7.7 mm all materials (max. mandrel Ø 4.3 mm)
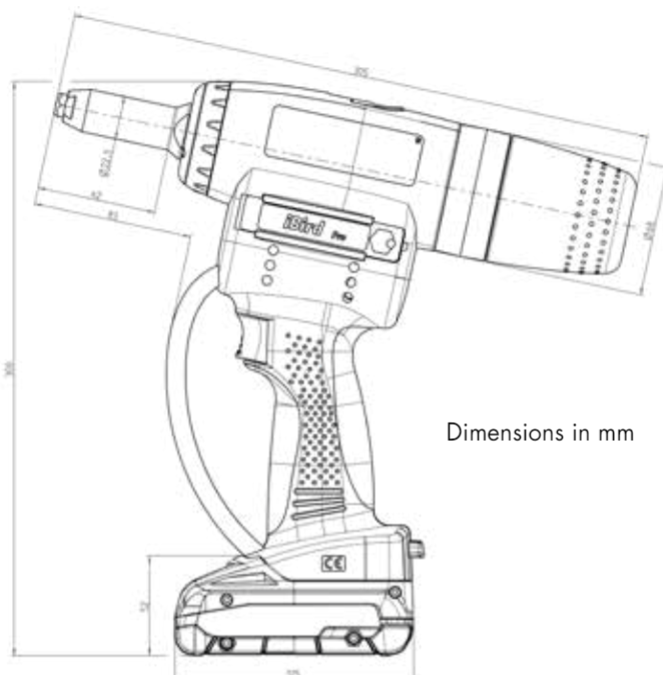
INDUSTRY 4.0 WITH THE iBIRD® PRO

Known as Industry 4.0, M2M or the Internet of Things, these concepts refer to intelligent and digitally networked systems in the production industry. The aim is to ensure that production is as self-organised as possible. GESIPA® has developed the iBird® Pro with this in mind. The iBird® Pro is a networked battery-powered setting tool that can be connected to smartphones, tablets or a customer's IT infrastructure using WiFi or Bluetooth via a free GESIPA® app. This networking provides a number of additional benefits such as the monitoring of riveting processes, processing safety, status and service indicators, as well as quick and simple access to operating, maintenance and repair instructions – ultimately resulting in optimisation of the value chain.

With GESIPA®-App

NEW

NOW IN THE L-BOXX!

Dimensions in mm

! Make sure the correct jaw pusher is used as specified in the operating instructions!

iBird® Pro – be networked with a smartphone, tablet or PC via an app

NOSEPIECE ASSIGNMENT Power per battery charge

D	Material	approx.pc / battery charge	Nosepiece	No.
4.8 and 5.0	Steel, Alu	**1,000**	17/32	**143 4975**
4.8 and 5.0	Stainless steel	**700**	17/36	**143 4977**
6.0	Alu	**650**	17/36	**143 4977**
6.0	Steel	**500**	17/40	**143 4999**
6.0	Stainless steel	**450**	17/40	**143 4999**
6.4	Alu, PG-Alu	**550**	17/45	**143 4860**
6.4	Steel	**450**	17/45	**143 4860**
6.4	Stainless steel	**400**	17/45	**143 4860**
8	Alu	**500**	17/45	**143 4860**

The name of the nosepiece (e.g. 17/32) can be found directly on the nosepiece.

BULB-TITE® BLIND RIVETS*

D	Material	approx.pc / battery charge	Nosepiece	No.
4.0	Alu	**1,200**	17/26 BT*	**143 4985**
5.2	Alu	**1,000**	17/32 BT*	**143 4986**
6.3	Alu	**800**	17/42 BT*	**143 4988**
6.3	Steel	**700**	17/42 BT*	**143 4988**
6.3	Monel	**650**	17/42 BT*	**143 4988**
7.7	Alu	**700**	17/48 BT*	**143 4989**

MEGA GRIP® BLIND RIVETS*

D	Material	approx.pc / battery charge	Nosepiece	No.
4.8	Alu	**800**	17/31 MG*	**143 4993**
4.8	Steel	**750**	17/31 MG*	**143 4993**
4.8	Stainless steel	**750**	17/31 MG*	**143 4993**
6.4	Alu	**700**	17/41 MG*	**143 4865**
6.4	Steel	**300**	17/41 MG*	**143 4865**
6.4	Stainless steel	**250**	17/41 MG*	**143 4865**

* available as special accessory. Special design nosepieces are available on request. The nosepiece allocation data applies to DIN and GESIPA® blind rivets.

iBird® Pro – Advantages at a glance!

ADVANTAGES

- For smartphone, tablet, PC
- Simple connection to the tool with GESIPA® app via QR code
- Data availability at any time
- A signal ring (andon ring) for visualising riveting processes
- Optional connection to three devices at the same time
- Premium software: optional (availability of) setting process

TECHNICAL FACTS

- WiFi 2.4/5.0 GHz and Bluetooth (LE) wireless connection
- Tilt sensor can be connected via the app; during use, the tool is only enabled for the next riveting process once the tilting motion for ejecting the mandrel body has been performed
- Andon ring: Signal ring for visualising the riveting process, the colours can be set individually via the app

THE ANDON RING

The iBird® Pro incorporates a signal ring for visualising riveting processes. The colours can be set individually via the app.

PREMIUM SOFTWARE

Optional setting process assistant*

- Setting process evaluation with fault detection, notification in app and via Andon ring (signal ring lights up based on the setting process evaluation and colour setting)
- Teaching mode for teaching in rivet configurations
- Creation of job lists to process various rivet configurations

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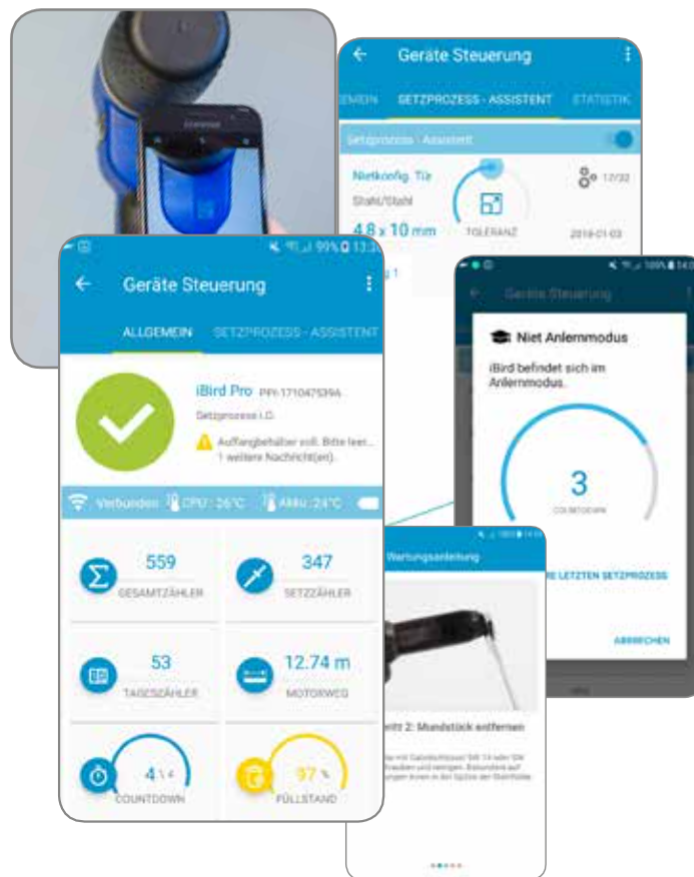
*Once paid premium software has been activated

GESIPA®

Die GESIPA® app – simple connection and all information you need at a glance!

THE GESIPA® APP

Using a QR code, the iBird® Pro can be connected to the GESIPA® app with ease. The app is available for smartphones, tablets and PCs (Android and iOS).

The iBird® Pro can be connected to three devices at the same time.
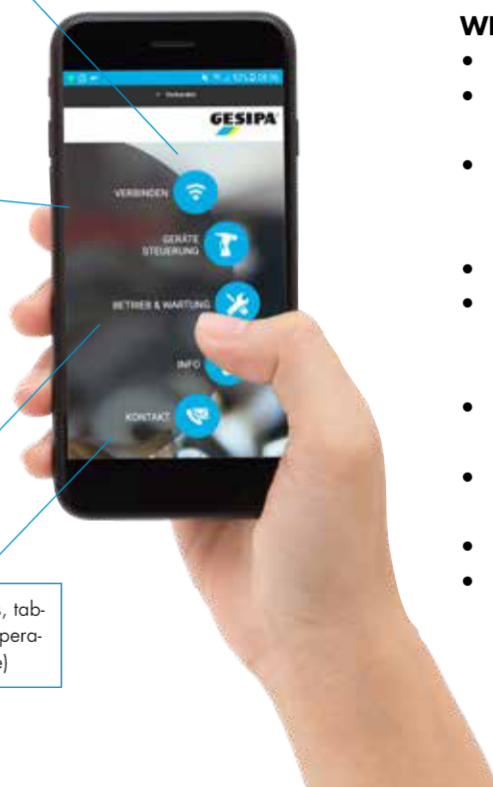
Simple connection of the iBird® Pro with the GESIPA® app via QR code

For smartphone, tablet, PC (Android and iOS)

Premium software: setting process assistant

Connection with three smartphones, tablets or PCs at the same time (e.g. operator, foreman, process control centre)

WHAT THE IBIRD® PRO APP OFFERS:

- Various counters:
- Total, day, setting counter, countdown, OK*, NOK*.
- Fill level indicator, service indicator (spent mandrel container, cleaning or oiling jaws, full service)
- Optional setting process assistant*
- Monitoring of battery charge level, battery temperature and temperature of the tool control
- Maintenance instructions, maintenance history
- Error message, error history, acknowledgement history
- Tips and tricks
- Operating instructions

*Once paid premium software has been activated