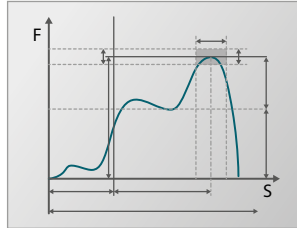


Ready for Industry 4.0.

RivSmart is fully prepared for networked integration into modern production processes and equipped with extensive process supporting functions.



RivSmart is equipped with the **DMSD-lite process monitoring system** even in the standard version. This allows the correct setting of the rivet to be immediately checked and documented with a process stamp after every riveting.

The optional **DMSD-HR version** with separate **patented sensor system** offers complete documentation of each individual riveting with device number, time stamp, number, error codes, as well as various stroke and force measurements in separate process windows in text format.



Optional contact pressure monitoring – increased process reliability. In Automatic mode, the device triggers on reaching the set force. The force can be conveniently set and adjusted via the software. In Manual mode, the device is actuated by means of the trigger.

Included in the scope of supply: SD card as **internal memory** for reading out the documented data of the process stamp, even without permanent WiFi connection.

Colour coding of the union nuts for **identification** of application, workplace or employees. Also included: a plate that can be fitted like the belt clips to **mark** the field of application.

Intelligent control

- OLED display (1.5") with 5 buttons
- Mobile control via Android or IOS app
- Management of several devices
- Many basic functions: Countdown, various counters, statistics, signal tones
- Service functions: information on clamping jaw change, service intervals, emptying of stud collecting bin, job counter, live statistics, countdown
- Wifi connectivity with radio frequencies 2.4 and 5 GHz
- Individual interface programming possible



Rivdom is now smart. RivSmart.

Very small, very light and in touch with the world. With RivSmart you can take the first step towards blind rivet processing 4.0 of tomorrow – on the basis of decades of experience in the development of high-quality riveting tools and individual riveting automation technology.

SMART FACTS

- Convenient control via OLED display
- Mobile control via Android or IOS app
- Management of several devices
- SD card
- Many basic functions
- Useful service functions
- Wifi connectivity possible
- Individual interfaces on demand
- DMSD-lite process monitoring system inclusive
- DMSD-HR version with patented sensor system available
- Optional contact pressure monitoring
- VIP service with extended guarantee and service offering

HARD FACTS

- Extremely low weight – outstanding ergonomics
- Very compact design – unrivalled small size!
- Trigger with short actuation stroke
- Changing of clamping jaws and nose pieces without the use of tools
- Brushless motor
- High-performance electronics
- Perfected clamping mechanism
- Proven Rivdom-PLUS battery management system
- Very short charging times
- Fast charger for all Rivdom-PLUS batteries
- Visual charge state indicator on every battery
- Optional automatic or manual return
- Integrated mandrel security lock
- LED-illuminated riveting point
- Extensive accessories
- Encoding and marking possibilities
- Practical belt clip

max. rivet-Ø:	5.0 mm
max. mandrel-Ø:	3.4 mm
max. charging time:	30 min.
Stroke:	20 mm
Working power:	8,500 N
Weight:	1.3 kg

AT A GLANCE



Reliability for more than 85 years

VVG-Befestigungstechnik as a member company of the HONSEL Group is the competent address worldwide when it comes to sophisticated and optimum fastener solutions. Fast. Flexible. Mobile.



Blind rivet processing in perfection

We produce high-quality riveting tools for every application. From the manual rivet tool through pneumatic riveters and modern battery riveters from the Rivdom family right up to the fully automated solution for series production.

Endless variety of fasteners

We supply blind rivets, blind rivet nuts and studs as well as self-clinching fasteners, coil thread inserts or axial clamps – from an extensive standard portfolio or as individual one-off products.



Your rivsmart contact

VVG Befestigungstechnik GmbH & Co. fon +49 (0)4321-967171
Friedrich-Wöhler-Str.44 fax +49 (0)4321-967191
D 24536 Neumünster | Germany mail contact@vvg.info

825.100.200.110-4-1



VVG Befestigungstechnik
Ein Unternehmen der HONSEL-Gruppe



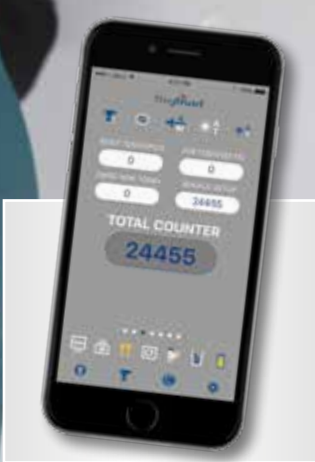
Small. Light. Smart.



Tool-free



Light and compact



App-controlled WiFi-connected

www.rivsmart.com

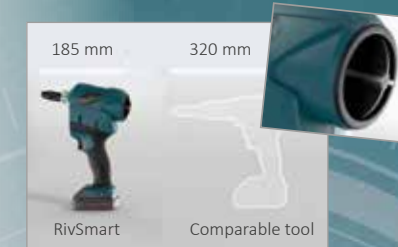
www.vvg.info

SMART CONTROLLER

RivSmart. Perfect in ergonomics and design.

Very compact dimensions.

Thanks to the removable transparent and very robust mandrel collector, the tool can be further shortened for **unrivalled ease of handling** even for the most confined installation points.



For blind rivets up to 5.0 mm diameter!

Low trigger force.

Rotationally arranged trigger for **maximum comfort thanks to shorter trigger stroke and reduced force.** Very low vibration thanks to the separation of torque arm and housing.



Newly developed clamping mechanism

Very fast and reliable gripping of the rivet mandrel is ensured by shorter nose pieces and optimised clamping jaws.

Low weight.

Thanks to the demand-oriented design and construction – e.g. charging electronics shifted to the charger – **very low weight of only 1.3 kg!**



Completely tool-free maintenance.

Clamping jaws and nose pieces can be replaced quickly, anywhere and by anyone immediately on the spot.

LED illumination of the riveting point.

Easy riveting even in darker installation situations.



Well designed down to the last detail.

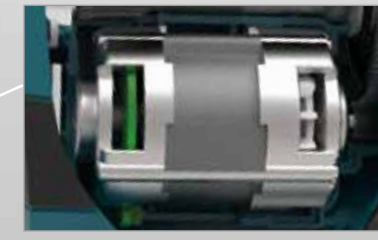
Haptics and ergonomics are designed for large and small hands. The wrist can be moved freely in all directions.



Automatic and manual return.

In addition to the manual setting, RivSmart also offers an automatic return mode. Immediately after the drop in the measured force with the shearing of the rivet mandrel, the tool moves back automatically to the starting position to keep the riveting cycle as short as possible. Riveting is controlled via the app or the display.

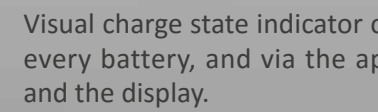
High-performance electronics
Individually developed, intelligent electronics unit for control of all operations.



The latest motor technology.



Optimised down to the last detail.



Visual charge state indicator on every battery, and via the app and the display.



The latest motor technology

The newly developed brushless DC (BLDC) motor guarantees a practically wear-free constant life-cycle. Low current consumption and reduced heat development increase the battery life and efficiency. High speeds can be achieved with smooth running, as well as weight-reducing integration of the complete tool electronics into the motor.

Optimised down to the last detail

All components such as bearings, shafts, gear wheels or housing elements are **continuously optimised** with respect to the specific device requirements in order to reduce weight and noise, while ensuring particularly long tool lives at the same time.

Future-oriented charging technology plus
– perfected battery management

Electronic fast charger with **automatic identification of the battery used.** 12 V, 16 V and 20 V batteries from the Rivdom family can be charged using the same charger.

The charging time sets standards: The new 2.0 Ah Li ion batteries are **fully charged after less than 30 minutes** – the 90 % charge is even reached after approx. 20 minutes, so that the charging cycle is always shorter than the battery-consuming working time!

RivSmart. More than just a tool.

VVG tools from professionals for professionals.

We have been developing and producing processing tools for blind rivet products within the HONSEL Group for decades. This experience and the passion to provide the user with innovative solutions to the demands of day-to-day work goes far beyond the product alone.

The **VIP service** for registered RivSmart users.

Download the RivSmart app and register within 30 days of the purchase! **Your benefits:**

3 Extension of the manufacturer's guarantee to three years!

Our experienced experts are at your disposal with **exclusive professional support** free of charge on the **RivSmart hotline.**

Free-of-charge pick-up and return service for maintenance and repair.

Free exchange tools and shorter lead times

Regular software updates free of charge



RivSmart. Well designed – fully equipped.

Useful equipment details

RivSmart also impresses with a wide range of options and additions – often already included in the scope of supply.



and matching accessories

With **only 21 mm diameter**, the standard front sleeve is particularly narrow – and thus perfect for confined installation situations.



Retainer nose pieces

available as options ensure that the rivet cannot fall out of the tool even in vertical working position and one hand remains free, e.g. to hold the part.



We manufacture individually required **special nose pieces** for every application.



With practical belt clip.

The RivSmart is always ready to hand.



Extended front sleeves for particularly recessed riveting points. Here again – only 21 mm diameter.



Large stud collecting bin – transparent and just as sturdy as the smaller standard version.



An innovative system packaging solution with added value. Our L-Boxx is compatible with all L-BOXXes even from other manufacturers.



SMALL + LIGHT

BLIND RIVET PROCESSING IN THE HIGHEST QUALITY

SERVICE

ACCESSORIES