

# REMS Akku-Press 22V Connected

Cordless radial press 32 kN with Connected functionality via Wi-Fi radio standard and OLED display

Universal, handy electric tool with Connected functionality via Wi-Fi radio standard and OLED display for producing pipe pressing joints for all common pressfitting systems. Li-Ion 22V Technology. For battery and corded operation.

Pipe pressing joints Ø 10 – 108 (110) mm  
Ø 3/8 – 4"

Complete range of REMS pressing tongs/pressing rings for all common pressfitting systems, see page 198 – 238.

**REMS Akku-Press 22V Connected – universal up to Ø 110 mm. Secure crimping in seconds. With selectable ACC drive mode. Connected functionality via Wi-Fi radio standard and OLED display. Pressure monitoring and result display. Anti-vibration system. Automatic locking of pressing tongs. Electrically monitored closing position of the tong retaining bolt. Voice recordings with voice recognition. Creating reports with texts and pictures. Geolocalisation of the pressing sites. Li-Ion 21.6V, 2.5 Ah battery for approx. 200 pressings. Viiega Profipress DN 15 with one battery charge\*.**

## System advantage

Only **one** type of pressing tongs/pressing rings for all REMS radial presses 32 kN and suitable radial presses of other makes with 32 kN thrust force.

All pressing tongs marked with \* have another connection and also fit the manual radial press REMS Eco-Press. All pressing rings S (PR-2B) marked with \*\* can also be driven with the manual radial press REMS Eco-Press using the adapter tong Z8.

## Pressing tongs/pressing rings for all common systems

Complete assortment of REMS pressing tongs/pressing rings for all common pressfitting systems (page 198 – 238). Highly durable pressing tongs/pressing rings made of tenacious, specially hardened special steel. Pressing contours of REMS pressing tongs/pressing rings are system-specific and correspond to the respective pressfitting system. Thus perfect system conformity, safe press jointing. Adapter tongs required for driving the REMS (PR) pressing rings, see page 238.

## Design

Compact, handy, super light. Drive unit with battery only 3.3 kg. Drive unit with pressing tongs V 15 only 36.3 cm long. Works anywhere, free-hand, overhead, also in particularly tight areas. Works anywhere, free-hand, overhead, in confined areas. Optimum weight distribution for single-hand operation. Drive unit with inserted pressing tongs can be put down on the battery ready to pick up. Ergonomically designed housing with strong carrying ring for a shoulder strap. Soft-grip surfaces. Two rows of LED work lights for illuminating the workplace as required, adjustable brightness in 4 stages and lighting time. Machine status check with charging state indication by 2-coloured green/red LED. Swivelling pressing tongs seat, rotation angle > 360°. Secure seating of pressing tongs/adapter tongs by automatic locking. Electrically monitored closing position of the tong retaining bolt. Also for other suitable makes of pressing tongs/pressing rings.

## Connected functionality

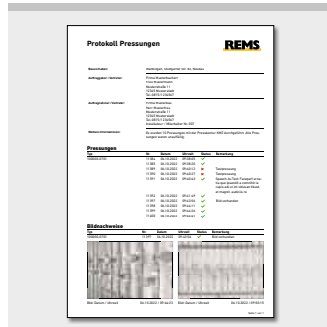
REMS Akku-Press 22V Connected offers various additional functionalities such as, for example: Recording of measuring/pressing data, creation of reports with your own company logo, display of error messages, configuration of the product (language, date, time, time zone, pressure unit, LED lighting time and LED brightness, standby time, ACC drive mode, information signal tones, etc.), set-up of usage bars (immediate bar or feedback interval as anti-theft, time and date ranges for barring times, limitation of the number of performable pressings), geolocalisation of the pressing sites, conversion of voice recordings into editable text, upload and save images of pressings, display of notices (annual inspection and periodic testing, new firmware version, battery state, etc.), download and installation of new firmware version.

## Pressure monitoring and result display

Electronic pressure sensor for thrust force monitoring. Monitoring and display of pressure and maximum pressure during the pressing process. Pressure analysis after the pressing process with result display in the OLED display and with coloured LEDs. Display of the pressure-time diagram of the performed pressing directly in the OLED display. Storage of the measured/pressing data.

## Voice recordings with voice recognition

A voice recording can be made and stored for every pressing with the microphone integrated into the drive unit. These can be converted into editable text and transferred to reports in the Service Portal.



German Quality Product



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## Wi-Fi connection to the Cloud

REMS Akku-Press 22V Connected sends collected data (measuring and pressing data, error messages, configuration of the product, voice recordings, etc.) to the Cloud after registration and with an existing Internet connection. The data are processed and stored there. The user can access these data, upload and store pictures of pressings, create reports with texts and pictures and change the drive unit settings through the REMS Service Portal. The changes are transferred back to the drive unit via an existing Internet connection.

## Selectable ACC drive mode

When ACC drive mode is switched on, the drive unit ends the pressing process automatically, emits an acoustic signal (clicking) and automatically returns (automatic circuit control). When ACC mode is switched off, the drive unit stops just before reaching the required pressure to be able to monitor complete closing of the pressing tongs, pressing ring and pressing segments better at the end of the pressing process. The pressing process must be continued by pressing the safety switch again. The drive unit ends the pressing process automatically, emits an acoustic signal (clicking) and automatically returns (automatic circuit control).

## Drive

Enormous thrust and pressing force for fast and perfect press jointing. Thrust force 32 kN. High-performance, electro-hydraulic drive with powerful, brushless, maintenance free 21.6 V, 400 W battery motor, robust planetary gear, eccentric piston pump and compact high-performance hydraulic system. Safety switch.

## Anti-vibration system

Special drive technology with weight balancing and soft grips for low-vibration, fatigue-free pressing.

## Battery or mains operation

Li-Ion 22V Technology. Highly resistant Li-Ion 21.6V battery with 2.5, 4.4, 5.0 or 9.0Ah capacity, for long service life. Light and powerful. Li-Ion 21.6V, 2.5Ah batteries for approx. 210 pressings, 4.4 Ah for approx. 370 pressings, 5.0Ah for approx. 420 pressings, 9.0Ah for approx. 750 pressings Viega Profipress DN 15 with one battery charge\*. Graduated charging status check by coloured LEDs. Operating temperature range - 10 to + 60 °C. No memory effect for maximum battery power. Rapid charger 100-240V, 90W. Rapid charger 100-240V, 290W, for shorter charging times, as accessory. Voltage supply 220-240V/21.6V, 15A output, for mains operation instead of Li-Ion battery 21.6 V, as accessory.



The little one amongst the big. Only 3.3 kg.



Electrically monitored closing position of the tong retaining bolt.



## Supply format

**REMS Akku-Press 22V Connected Basic-Pack.** Cordless radial press 32 kN with selectable ACC drive mode, Connected functionality via Wi-Fi radio standard and OLED display, pressure monitoring and result display, for making press joints Ø 10 – 108 (110) mm, Ø 3/8 – 4". For driving REMS pressing tongs/pressing rings and other suitable makes of pressing tongs/pressing rings. Swivelling pressing tongs seat with automatic locking. Electrically monitored closing position of the tong retaining bolt. Electro-hydraulic drive with powerful, brushless, maintenance free 21.6 V, 400 W battery motor, robust planetary gear, eccentric piston pump and compact high-performance hydraulic system. Anti-vibration system. Safety tip switch. LED work lights. Battery Li-Ion 21.6 V, 2.5 Ah, rapid charger 100-240V, 50-60Hz, 90W.

Version	Art.-No.	€
In sturdy steel case.	576014R220	3.155,52
In L-Boxx system case.	576015R220	3.197,04

Other voltages on request.

## Accessories

Description	Art.-No.	€
<b>REMS pressing tongs/pressing rings</b> see page 198 – 238.		
<b>Adapter tongs</b> for REMS pressing rings see page 238.		
<b>REMS cropping tongs</b> for threaded rods see page 241.		
<b>REMS cable shear</b> for electric cable see page 241.		
<b>REMS Akku-Press 22V Connected drive unit, without battery</b>	576003R22	2.584,62
<b>Battery Li-Ion 21.6V, 2.5 Ah</b>	571571R22	258,46
<b>Battery Li-Ion 21.6V, 4.4 Ah</b>	571574R22	372,64
<b>Battery Li-Ion 21.6V, 5.0 Ah</b>	571581R22	310,36
<b>Battery Li-Ion 21.6V, 9.0 Ah</b>	571583R22	414,16
<b>Rapid charger 100-240V, 50-60 Hz, 90W</b>	571585R220	175,42
<b>Rapid charger 100-240V, 50-60 Hz, 290W</b>	571587R220	414,16
<b>Voltage supply 220-240V/21.6V, 50-60 Hz, 15A, for mains operation instead of battery Li-Ion 21.6 V.</b>	571567R220	414,16
<b>Steel case with inlay</b>	571290R	110,03
<b>L-Boxx system case with inserts</b>	576345R	146,36
<b>REMS Lumen 2800 22V, cordless LED flood light, see page 111</b>		

