

# REMS Akku-Press 22V Connected

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

Universal, handy cordless 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  $\varnothing$  10 – 108 (110) mm  
 $\varnothing$  3/8 – 4"

Complete range of REMS pressing tongs/  
pressing rings for all common pressfitting systems,  
see page 212 – 258.

**REMS Akku-Press 22V Connected – universal up to  $\varnothing$  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 indicator. 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 22V, 2.5 Ah, 54 Wh battery for approx. 200 pressings Viega 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 212 – 258). 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 258.

## Design

Compact, handy, super light. Drive unit with battery only 3.4 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  $> 360^\circ$ . 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

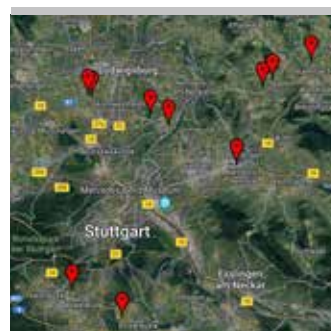
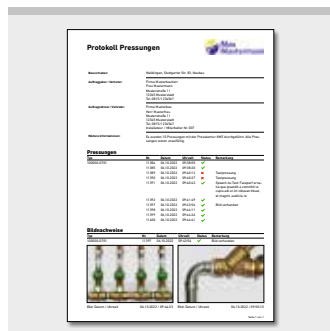
REMS Akku-Press 22V Connected offers various additional functionalities such as, for example: Recording of measuring/pressing data, creation of reports with your own company logo, display of error messages, configuration of the product (language, date, time, time zone, pressure unit, LED lighting time 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 indicator

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 indicator 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



Info

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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 22V, 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

REMS Li-Ion 22V Technology, see page 20–25. Highly resistant Li-Ion 22V battery with 2.5, 4.4, 5.0 or 9.0 Ah capacity, for long service life. Light and powerful. Li-Ion 22V, 2.5 Ah, 54 Wh batteries for approx. 210 pressings, 4.4 Ah, 95 Wh for approx. 370 pressings, 5.0 Ah, 108 Wh for approx. 420 pressings, 9.0 Ah, 194 Wh 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, 22V or 290W, 22V, for shorter charging times, as accessory. Voltage supply 220–240V, 22V, 15A output, for mains operation instead of Li-Ion battery 22V, as accessory.

## Supply format

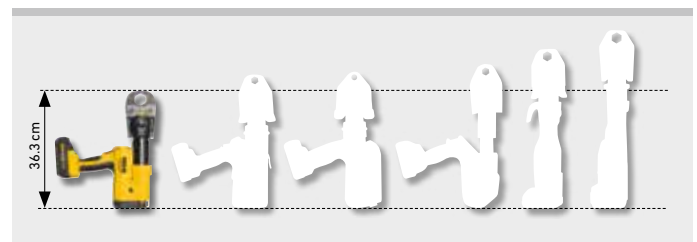
**REMS Akku-Press 22V Connected.** Cordless radial press 32 kN with selectable ACC drive mode, Connected functionality via Wi-Fi radio standard and OLED display, pressure monitoring and result indicator, for making press joints Ø 10–108 (110) mm, Ø ¾–4". For driving REMS pressing tongs/pressing rings 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 22V, 400W battery motor, robust planetary gear, eccentric piston pump and compact high-performance hydraulic system. Anti-vibration system. Safety tip switch. LED work lights. In L-Boxx system case.

Description	Version	Art.-No.	KM
<b>Basic-Pack\P</b>	without battery, without rapid charger	576005R22	<b>4.580,00</b>
<b>Basic-Pack</b>	with battery Li-Ion 22V, 2.5 Ah, 54 Wh, rapid charger 220–240V, 50–60 Hz, 90W, 22V	576015R220	<b>5.430,00</b>

Other voltages on request.

## Accessories

Description	Art.-No.	KM
<b>Pressing tongs/pressing rings</b> see page 212–258.		
<b>Adapter tongs</b> for REMS pressing rings see page 258.		
<b>Pressing tongs Basic E01</b> for pressing connection material for electric cables, see page 256.	571855	<b>640,00</b>
<b>Cropping tongs</b> for threaded rods see page 261.		
<b>Cable shear</b> for electric cable see page 261.		
<b>Akku-Press 22V Connected drive unit,</b> without battery	576003R22	<b>4.270,00</b>
<b>Power-Pack 22V 2.5 Ah + 2.5 Ah + 90W, 108Wh,</b> consisting of 2 batteries Li-Ion 22V, 2.5 Ah, 54 Wh, rapid charger 100–240V, 50–60 Hz, 90W, 22V	571590R220	<b>1.330,00</b>
<b>Battery Li-Ion 22V, 2.5 Ah, 54 Wh</b>	571571R22	<b>464,00</b>
<b>For other batteries Li-Ion 22V/Power-Packs 22V</b> see page 20–25.		
<b>Rapid charger 100–240V, 50–60 Hz, 90W, 22V</b>	571585R220	<b>403,00</b>
<b>Rapid charger 100–240V, 50–60 Hz, 290W, 22V</b>	571587R220	<b>868,00</b>
<b>Voltage supply 220–240V, 50–60 Hz, 350W, 22V, 15A,</b> for mains operation instead of battery Li-Ion 22V.	571567R220	<b>868,00</b>
<b>L-Boxx system case</b> with inserts	576345R	<b>302,00</b>
<b>REMS Lumen 2800 22V,</b> cordless LED flood light, see page 119		



The little one amongst the big. Only 3.4 kg.



Electrically monitored closing position of the tong retaining bolt.

