

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

REMS AKKU-PRESS 22 V CONNECTED



REMS
for Professionals



Quick-Start



Video

German Quality Product

CONNECTED

Universal up to Ø 54 mm. With selectable ACC drive mode. Pressure monitoring and result display. Anti-vibration system. Voice recordings. Geolocalisation. Blocking of use. Logging.



Blocking of use,
protection against theft



Voice recording with voice recognition

A voice recording can be made for each pressing. Via "Speech-to-Text" (speech recognition) a voice recording can be converted into editable text.



REMS Akku-Press 22 V Connected

Handy, ultra-light, cordless radial press with Connected functionality via Wi-Fi radio standard and OLED display, for making press joints Ø 10–108 (110) mm Ø ⅜–4". The automatic locking of the pressing tongs, the electrically monitored closing position of the tong retaining bolt and the selectable ACC drive mode give the user additional safety. With a weight of only 3.3 kg and a length including V15 pressing tongs of only 36.3 cm this cordless radial press enters a new dimension. It can be used everywhere, free hand, over head, also in very confined spaces. Voice recordings for each pressing and voice recognition for converting the voice recordings into editable text allow them to be transferred to logs for easy documentation.

- 1 Complete assortment of REMS pressing tongs/pressing rings for all common pressfitting systems, REMS cropping tongs M and REMS cable shears, see accessory.
- 2 Compact, handy, ultra-fast. Drive unit with battery only 3.3 kg.
- 3 Drive unit with pressing tongs V 15 only 36.3 cm long. Works anywhere, free-hand, overhead, also in particularly tight areas.
- 4 Optimum weight distribution for single-hand operation. Drive unit with inserted pressing tongs can be put down on the battery ready to pick up.
- 5 Ergonomically designed housing with strong carrying ring for a shoulder strap. Softgrip surfaces.
- 6 Two rows of LED work lights for illuminating the workplace as required, adjustable brightness in 4 stages and lighting time.
- 7 OLED display.
- 8 Machine status check with charging state indication by 2-coloured green/red LED.
- 9 Swivelling pressing tongs seat, rotation angle > 360°.
- 10 Secure seating of pressing tongs/adaptor tongs by automatic locking. Electrically monitored closing position of the tong retaining bolt. Also for other suitable makes of pressing tongs/pressing rings.
- 11 **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.
- 12 **Anti-vibration system**
Special drive technology with weight balancing and soft grips for low-vibration, fatigue-free pressing.
- 13 Enormous thrust and pressing force for fast and perfect press jointing. Thrust force 32 kN.
- 14 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.
- 15 Safety switch.
- 16 **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 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).
- 17 **Li-Ion 22 V Technology**
Highly resistant Li-Ion 21.6 V battery with 2.5, 4.4, 5.0 or 9.0 Ah capacity, for long service life. Light and powerful. Li-Ion 21.6 V, 2.5 Ah batteries for approx. 210 pressings, 4.4 Ah for approx. 370 pressings, 5.0 Ah for approx. 420 pressings, 9.0 Ah for approx. 750 pressings Viega Profi-press DN 15 with one battery charge*.
- 18 Graduated charging status check by coloured LEDs.
- 19 Operating temperature range – 10 to + 60 °C. No memory effect for maximum battery power.
- 20 Rapid charger 100–240 V, 90 W. Rapid charger 100–240 V, 290 W, for shorter charging times, as accessory.
- 21 Voltage supply 220–240 V/21.6 V, 15 A output, for mains operation instead of Li-Ion battery 21.6 V, as accessory.

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.

Voice recordings with voice recognition

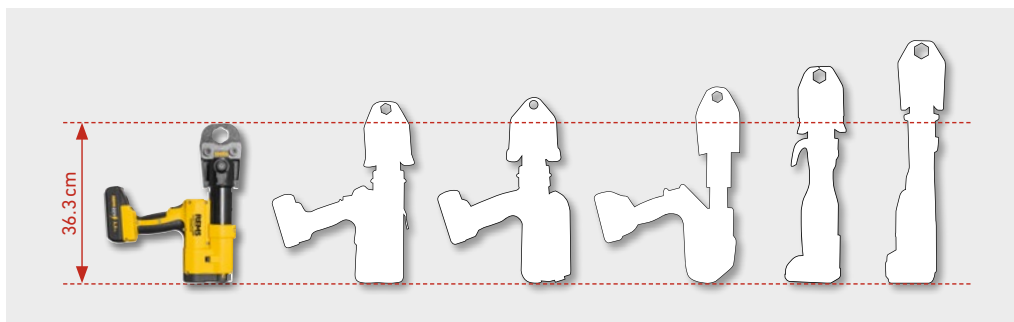
A voice recording can be made and stored for every pressing with the microphone integrated into the drive unit. These can be converted into editable text and transferred to reports in the Service Portal.

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.

REMS Akku-Press 22V Connected – The little one amongst the big

With a weight of only 3.3 kg and a length including V15 pressing tongs of only 36.3 cm this cordless radial press enters a new dimension.



Pressure monitoring and result display

The pressing pressure is constantly monitored during the pressing process. The pressure-time diagram of the compression can be shown directly on the OLED display.



Evaluation of the pressing

If the baling pressure was within the specification, a "laughing smiley face" is shown on the OLED display.





Quick-Start

www.youtube.de/remstools

- Automatic determination of the press locations and visualization on the map.

Bewachter:		Wächterin, Stellvertreter: Stv. B.S. Neudorf			
Auftraggeber / Vermerk:		Firma Wasserbauwerk Frau Wattergassen 12163 Mauerbach Tel. 06151/1234567			
Auftraggeber / Vermerk:		Firma Musterbau Herr Musterbau 12163 Mauerbach Tel. 06151/1234567 mobilfunk / Mobilfunk Nr. 567			
Werkzeug Information:		Es wurden 10 Pressungen mit der Pressurkraft 100t durchgeführt. Alle Pressungen waren uneingeschlagen.			
Pressungen					
Stz.	Mo.	Staten	Stress	Status	Bemerkung
101000-0781	11300	04.10.2022	09-38:05	✓	
	11300	04.10.2022	09-38:20	✓	
	11300	04.10.2022	09-40:12	✗	Teilversagung
	11300	04.10.2022	09-40:27	✗	Teilversagung
	11300	04.10.2022	09-40:43	✓	Speech-in-Test (Speaker angeschlossen) konnte nicht eingeschlagen werden, da er nicht ausreichte.
	11302	04.10.2022	09-41:49	✓	
	11302	04.10.2022	09-43:56	✓	Beid versanden
	11306	04.10.2022	09-44:11	✓	
	11306	04.10.2022	09-44:26	✓	
	11400	04.10.2022	09-44:41	✓	
Bildnachweise					
Stz.	Brems	Ursachen	Stress	Bemerkung	
101000-0781	11307	04.10.2022	09-43:56	✓	Beid versanden
					
Bild Datum / Uhrzeit		Bild Datum / Uhrzeit		Bild Datum / Uhrzeit	

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Accessories

REMS Akku-Press 22 V Connected
drive unit, without battery

Art.-No. 576003 R22 € 2,584.62

Battery Li-Ion 21.6 V, 2.5 Ah

Art.-No. 571571 R22 € 258.46

Battery Li-Ion 21.6 V, 4.4 Ah

Art.-No. 571574 R22 € 372.64

Battery Li-Ion 21.6 V, 5.0 Ah

Art.-No. 571581 R22 € 310.36

Battery Li-Ion 21.6 V, 9.0 Ah

Art.-No. 571583 R22 € 414.16

Rapid charger 100–240 V, 50–60 Hz, 90 W

Art.-No. 571585 R220G € 175.42

Rapid charger 100–240 V, 50–60 Hz, 290 W

Art.-No. 571587 R220G € 414.16

Voltage supply 220–240 V/21.6 V, 50–60 Hz, 15 A,
for mains operation instead of battery Li-Ion 21.6 V

Art.-No. 571567 R220 € 414.16

Steel case with inlay

Art.-No. 571290 R € 110.03

L-Boxx system case with inserts

Art.-No. 571283 R € 146.36

REMS Lumen 2800 22 V Set Power-Edition,
Cordless LED flood light with high light intensity.
For battery and corded operation. Light flux $\leq 2,800$ lm.
Voltage supply 220–240 V, 50–60 Hz, 138 W.
Without battery, without rapid charger.

Art.-No. 175210 R220G € 144.28



Info

REMS pressing tongs/REMS pressing rings

Highly durable pressing tongs/pressing rings made of tenacious, specially hardened special steel. The pressing contours of the REMS pressing tongs/pressing rings are system-specific and correspond to the pressing contours of the respective press fitting systems. For all common press fitting systems.



Info

REMS cropping tongs M

Cutting device in tongs design (Patent EP 1 459 825, Patent US 7,284,330). For cutting threaded bars in just 2 s. Steel, stainless steel, M6–M12 Threaded bar can be screwed into a threaded connection of the pipe clip or the nut without rework after cutting



Info

REMS cable shears

Highly durable cable shears made of forged and specially hardened special steel for cutting electric cables $\leq 300 \text{ mm}^2$ ($\varnothing 30 \text{ mm}$).

Sale through specialist dealers.

REMS Ireland
Tel.: 01 8700 008
Email: IRL@rems.de
www.rems.de

Representative: Gerry Phipps
Mobile: 087 920 4068
Email: gerry.phipps@rems.de



www.rems.de



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