

Compact, handy power tool with automatic return for fast, easy expansion of pipes/rings. Li-Ion 22V Technology. For cordless and mains operation. For trade and industry. For the building site and the workshop.

Expander Cu

for holding the REMS Cu expander heads and suitable expander heads of other makes for:

Soft copper pipes, $s \leq 1.5 \text{ mm}$ $\varnothing 8-42 \text{ mm}$
 $\varnothing \frac{3}{8}-1\frac{3}{4}"$

Soft aluminium pipes,
soft precision steel pipes, $s \leq 1.2 \text{ mm}$ $\varnothing 8-42 \text{ mm}$
 $\varnothing \frac{3}{8}-1\frac{3}{4}"$

Soft stainless steel pipes, $s \leq 1 \text{ mm}$ $\varnothing 8-42 \text{ mm}$
 $\varnothing \frac{3}{8}-1\frac{3}{4}"$

Expander P

for holding the REMS P expander heads and suitable expander heads of other makes for:

Plastic tubes, composite tubes $\varnothing 12-40 \text{ mm}$

Expander P-CEF

for holding the REMS P-CEF expander heads and suitable expander heads of other makes for:

Cold Expansion Fittings made of plastic (P-CEF)
 $\varnothing 16-40 \text{ mm}$
 $\varnothing \frac{1}{2}-1\frac{1}{2}"$
 $s \leq 4.95 \text{ mm}$

REMS Akku-Ex-Press 22V ACC – fast, easy electric expanding up to $\varnothing 42 \text{ mm}$. With automatic return. Conical expanding mandrel for even centric expanding. E.g. REMS Akku-Ex-Press Cu 22V ACC with Li-Ion 21.6 V, 1.5 Ah battery for approx. 360 expansions of soft copper pipe $15 \times 1 \text{ mm}$ with one battery charge.

System advantage

Only **one** drive unit, optionally with **expander Cu** for holding the REMS Cu expander heads and suitable expander heads of other makes, **expander P** for holding the REMS P expander heads and suitable expander heads of other makes, **expander P-CEF** for holding the REMS P-CEF expander heads and suitable expander heads of other makes.

Expander heads for all common systems

Quick-change, without tools. Also for other suitable makes of expander tongs. **REMS expander heads Cu** (page 226) with extra long segments provide an extra long muff for a perfect pipe joint in accordance with DVGW. Collar on the expander head for calibrating unround pipe ends.

REMS expander heads P (page 231) are system-specific and correspond to the requirements of the respective compression sleeve systems. Therefore, perfectly system-conformant, exact expanding.

REMS expander heads P-CEF (page 231) are system-specific and correspond to the requirements of the respective systems. Automatic, gradual expansion until reaching the given end position which is determined by the expander head.

Design

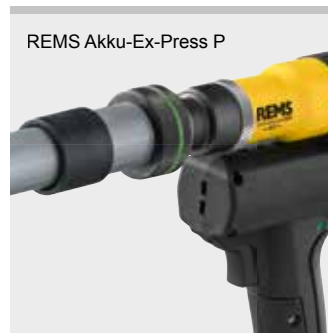
Ultra light, ultra small, ultra handy. Drive unit with battery pack weighs only 2.7 kg. Drive unit with expander only 26 cm long. Can therefore be used anywhere, free hand, over head, also in very confined spaces. Optimum weight distribution for one-hand operation. Ergonomically designed housing. LED work light for illuminating the work place. Expanding mandrel of the Cu and P expanders with conical angle 18° , expanding mandrel of the P-CEF expander with conical angle 20° , or even centric expanding. Long mandrel guide, spring-loaded mandrel recoil. Also for other suitable makes of expander heads.

Drive

High expanding force for perfect, split-second expanding. Thrust force 20 kN. Powerful electro-hydraulic drive with automatic return (ACC), with powerful battery motor 21.6 V, 380 W output, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system. Safety switch.



REMS Akku-Ex-Press Cu



REMS Akku-Ex-Press P



REMS Akku-Ex-Press P-CEF

German Quality Product

Tested by electrosuisse



Battery or mains operation

Li-Ion 22V Technology. Highly resistant Li-Ion 21.6 V battery with 1.5, 2.5, 5.0 or 9.0 Ah capacity, for long service life. Light and powerful.

REMS Akku-Ex-Press Cu 22V ACC with Li-Ion 21.6 V, 1.5 Ah battery for approx. 360 expansions, 2.5 Ah for approx. 600 expansions, 5.0 Ah for approx. 1200 expansions, 9.0 Ah for approx. 2160 expansions of soft copper pipe $15 \times 1 \text{ mm}$ with one battery charge.

REMS Akku-Ex-Press P 22V ACC with Li-Ion 21.6 V, 1.5 Ah battery for approx. 450 expansions, 2.5 Ah for approx. 750 expansions, 5.0 Ah for approx. 1500 expansions, 9.0 Ah for approx. 2700 expansions of REHAU RAUTITAN flex $\varnothing 16 \times 2.2 \text{ mm}$ with one battery charge.

REMS Akku-Ex-Press P-CEF 22V ACC with Li-Ion 21.6 V, 1.5 Ah battery for approx. 120 expansions, 2.5 Ah for approx. 200 expansions, 5.0 Ah for approx. 410 expansions, 9.0 Ah for approx. 740 expansions of Uponor Quick & Easy $\varnothing 16 \times 1.8$ with one battery charge.

Graduated charging state display with coloured LED. Operating temperature range -10 to $+60^\circ\text{C}$. No memory effect for maximum battery power. Rapid charger Li-Ion 100–240 V, 90 W. Rapid charger Li-Ion 100–240 V, 290 W, for shorter charging times, as accessory. 220–240 V/21.6 V, 15 A voltage supply for mains operation instead of Li-Ion x battery 21.6 V, as accessory.

Supply format

REMS Akku-Ex-Press Cu 22V ACC Basic-Pack. Cordless pipe expander 20 kN for fast expanding of copper pipes Ø 8–42 mm. Electro-hydraulic drive with automatic return, with powerful 21.6 V, 380 W battery motor, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system, safety switch. LED work light. Li-Ion 21.6 V, 1.5 Ah battery, Li-Ion 220–240 V, 50–60 Hz, 70 W rapid charger. Cu expander for holding the REMS Cu expander heads and suitable expander heads of other makes. Without expander heads. In sturdy steel case.

	Art.-No.	
	575020	

Other voltages on request.



Supply format

REMS Akku-Ex-Press P 22V ACC Basic-Pack. Cordless pipe expander 20 kN for fast expanding of plastic and composite tubes Ø 12–40 mm. Electro-hydraulic drive with automatic return, with powerful 21.6 V, 380 W battery motor, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system, safety switch. LED work light. Li-Ion 21.6 V, 1.5 Ah battery, Li-Ion 220–240 V, 50–60 Hz, 70 W rapid charger. P expander for holding the REMS P expander heads and suitable expander heads of other makes. Without expander heads. In sturdy steel case.

	Art.-No.	
	575021	

Other voltages on request.



e.g.
aquatherm,
General Fittings,
IVT,
REHAU,
REVEL,
Seppelfricke,
TECE,
TIEMME,
Würth

Supply format

REMS Akku-Ex-Press P-CEF 22V ACC Basic-Pack. Cordless pipe expander 20 kN for fast expanding of plastic tubes Ø 16–40 mm. Electro-hydraulic drive with automatic return, with powerful 21.6 V, 380 W battery motor, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system, safety switch. LED work light. Li-Ion 21.6 V, 1.5 Ah battery, Li-Ion 220–240 V, 50–60 Hz, 70 W rapid charger. P-CEF expander for holding the REMS P-CEF expander heads and suitable expander heads of other makes. Without expander heads. In sturdy steel case.

	Art.-No.	
	575022	

Other voltages on request.



e.g.
Brass & Fittings,
Uponor

Accessories

Description	Art.-No.	
REMS Akku-Ex-Press 22V ACC drive unit, without expander, without battery	575010	
Expander Cu for holding the REMS Cu expander heads and suitable expander heads of other makes for: Conical angle 18°.	575252	
Expander heads Cu see page 226		
Expander P for holding the REMS P expander heads and suitable expander heads of other makes for: Conical angle 18°.	575253	
Expander heads P see page 231.		
Expander P-CEF for holding the REMS P-CEF expander heads and suitable expander heads of other makes for: Conical angle 20°.	575256	
Expander heads P-CEF see page 231.		
Expander tongs P-CEF (conical angle 20°), for accommodating the expander heads P-CEF 16–40 mm, ½–1½"	150515	
Battery Li-Ion 21.6 V, 1.5 Ah	571570	
Battery Li-Ion 21.6 V, 2.5 Ah	571571	
Battery Li-Ion 21.6 V, 5.0 Ah	571581	
Battery Li-Ion 21.6 V, 9.0 Ah	571583	
Rapid charger Li-Ion 100–240 V, 50–60 Hz, 90 W	571585	
Rapid charger Li-Ion 100–240 V, 50–60 Hz, 290 W	571587	
Voltage supply 220–240 V/21.6 V, 50–60 Hz, 15 A, for mains operation instead of battery Li-Ion 21.6 V.	571567	
Steel case with insert	578290	

