

REMS Akku-Curvo 22V

Cordless tube bender

Universal, compact electric tool for cold bending of pipes up to 180°. Can be used anywhere, without vice. For trade and industry. For the building site and the workshop. Li-Ion 22V Technology. For battery and corded operation.

Hard, half-hard, soft copper tubes also thin-wall	Ø 10–28 mm Ø 3/8–1 1/8"
Coated soft copper tubes, also thin-wall	Ø 10–18 mm
Thick-walled copper pipes K65 for refrigeration and air conditioning technology EN 12735-1	Ø 3/8–1 1/8"
Pipes of press fitting systems made of stainless steel	Ø 12–28 mm
Carbon steel, also coated	Ø 12–28 mm
Soft precision steel tubes	Ø 10–28 mm
Steel pipes EN 10255	Ø 1/4–3/4"
Electric conduit EN 50086	Ø 16–25 mm
Multi-layer composite tubes	Ø 14–40 mm

REMS Akku-Curvo 22V – wrinkle-free bending of pipes. Universal for many pipe types. Ready to use immediately without setting. Fast and creep speed with immediate stop for precise bending. Quick change of bending and back formers. Li-Ion 21.6V, 5.0Ah battery, for approx. 90 pipe bends of the stainless steel Ø 22 mm press fitting systems with one battery charge.

Universal use

For sanitary, heating, air conditioning, refrigerating and hydraulic applications. Mains independent. Specially suited for tubes of pressfitting systems, for hard and half-hard copper tubes and for thin-walled copper heating tubes according to EN 1057.

System advantage

Only one type of bending and back formers for REMS Akku-Curvo 22V, REMS Curvo, REMS Curvo 50 and REMS Sinus. Therefore simple, inexpensive stocking. No confusion possible.

Cost advantage

Bender cost recovered after a small number of bends. No costs for fittings, storage, procurement. Savings in soldering joints, pressing joints and working hours. Higher safety thanks to fewer pipe joints.

Design

Compact, handy electric tool with integral absorption of torque during bending. Super light, drive machine with battery pack weights only 8.5 kg. Electronic charging status check with low discharge protection. Practical D-shaped handle with soft grip. Can be used anywhere, anytime. No setting. Simple, effortless, fast working, e.g. 90° bend Ø 22 mm only 6s. Fast and creep speed with immediate stop for precise bending. Overbend, double bend, tier bend, reversed bend possible. Height adjustable machine support as accessory.

Bending formers and back formers

Form and pressure resistant, in high-strength, high-slide, glass-fibre reinforced polyamide. Optimum matching of bending former and back former guarantees material-compatible gliding without cracks and creases. Angle scale 0 to 180° provided on each bending former and mark on the back former ensure precise bending. Rapid change of bending formers and back formers. Bending formers and back formers for different sizes, materials and bending radii (page 131).

Drive

Robust, maintenance-free gear. Final point safety in both directions through safety slipping clutch. Powerful battery motor 21.6 V, with large power reserve, 500 W output. Right and left-hand rotation. Stepless electronic safety switch for fast and creep speed, with immediate stop. Machine status check with overload protection of the drive unit against too high currents, with overheating protection by motor temperature monitoring (NTC), with electronic battery charging status check with charging level indication by a 2-coloured green/red LED.

Battery or mains operation

Li-Ion 22V Technology. Highly resistant Li-Ion 21.6V battery with 5.0 Ah or 9.0 Ah capacity, for long service life. Light and powerful. Li-Ion 21.6V, 5.0Ah battery, for approx. 90 pipe bends, 9.0Ah for approx. 160 pipe bends of the stainless steel Ø 22 mm press fitting systems with one battery charge. Graduated charging state display with coloured LED. Operating temperature range – 10 to + 60 °C. No memory effect for maximum battery power. Rapid charger Li-Ion 230 V, 50–60 Hz, 90 W. Rapid charger Li-Ion 230 V, 50–60 Hz, 300 W, for shorter charging times, as accessory. Li-Ion 230 V/21.6 V, 70A voltage supply for mains operation 230 V instead of Li-Ion battery 21.6 V, as accessory.



German Quality Product



Info



Bending lubricant

REMS bending spray ensures a permanent lubricating film for reducing energy expenditure and uniform bending. High-pressure-proof, acid-free, CFC-free, so ozone-harmless.

Supply format

REMS Akku-Curvo 22 V Set. Cordless tube bender Ø 10–40 mm, Ø ¼–1½", to 180°. Hard, semi-hard, soft copper pipes, also thin-walled, Ø 10–28 mm, Ø ¾–1½", soft coated copper pipes, also thin-walled, Ø 10–18 mm, thick-walled copper pipes K65 for refrigeration and air conditioning technology EN 12735-1 Ø ¾–1½", pipes of the press fitting systems of stainless steel Ø 12–28 mm, carbon steel, also coated, Ø 12–28 mm, soft precision steel pipes Ø 10–28 mm, steel pipes EN 10255 Ø ¼–¾", electrical installation pipes EN 50086 Ø 16–25 mm, composite tubes Ø 14–40 mm, etc. Drive machine with D-shaped handle, maintenance-free gear with safely slipping clutch, powerful battery motor 21.6 V, stepless, electronic safety switch with immediate stop, right and left-hand rotation. Machine status check with overload protection, temperature monitoring, battery charging status check. Li-Ion 21.6 V, 5.0Ah battery, Li-Ion 230 V, 50–60 Hz, 90 W rapid charger. Insert bolt. Bending and back formers. In sturdy steel case.

Description	Art.-No.
Set 15-18-22	580051
Set 15-18-22-28 ¹⁾	580052
Set 15-18-22-28 ²⁾	580053
Set 15-18-22-28 ³⁾	580054
Set 12-15-18-22	580055
Set 12-15-18-22-28 ¹⁾	580056
Set 12-15-18-22-28 ²⁾	580057
Set 15-22-28 ¹⁾	580058
Set 15-22-28 ²⁾	580059
Set 17-20-24	580060
Set 12-14-16-18-22	580061
Set 12-14-16-18-22-28 ¹⁾	580062
Set 12-14-16-18-22-28 ²⁾	580063
Set 14-16-18-22-28 ¹⁾	580064
Set 14-16-18-22-28 ²⁾	580065
Set ¾-½-¾-¼-½"	580066
Set 16-20-26-32	580067
Set 16-20-25-32	580068
Set 20-25-32	580069
Basic-Pack (without bending and back formers)	580014

Other voltages on request.

REMS Akku-Curvo 22 V Set delivered with the smaller radius bending and back former (except Art.-No. 580069), see page 131.

¹⁾ Bending former and back former 28, R102, Art. No. 581070, for hard, semi-hard copper pipes, also thin-walled. See page 131.

²⁾ Bending former and back former 28, ¾" (DN 20), R102, Art. No. 581260, for hard copper pipes Ø 28 mm, Ø 1½", pipes of the press fitting systems of stainless steel/carbon steel Ø 28 mm. See page 131.

³⁾ Bending former and back former 28, ¾" (DN 20), R114, Art. No. 581310, for hard, semi-hard copper pipes Ø 28 mm, pipes of the press fitting systems of stainless steel/carbon steel Ø 28 mm, steel pipes ¾". According to DVGW work sheet GW 392 for hard and semi-hard copper pipes Ø 28 mm minimum bending radius 114 mm necessary. Wall thickness ≥ 0.9 mm. See page 131.

Accessories

Description	Art.-No.
Bending formers and back formers see page 131.	
REMS Akku-Curvo 22 V drive unit, without battery	580004
Battery Li-Ion 21.6 V, 5.0Ah	571581
Battery Li-Ion 21.6 V, 9.0Ah	571583
Rapid charger Li-Ion 230 V, 50–60 Hz, 90 W	571585
Rapid charger Li-Ion 230 V, 50–60 Hz, 300 W	571587
Voltage supply 230 V/21.6 V, 70 A, for mains operation 230 V instead of battery Li-Ion 21.6 V	571578
Insert bolt	582036
REMS bending spray, 400 ml	140120
Steel case with inlay	566030
Machine support 3B, height adjustable, on tripod	586100
Machine support WB, height adjustable, for mounting on work bench	586150



Basic-Pack



3B



WB