

# REMS Curvo 22V

Cordless tube bender

Universal, mobile 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 Curvo 22V – wrinkle-free bending of pipes. Mobile, handy, light. 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 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, mobile, 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 6 s. 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 143).

## 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

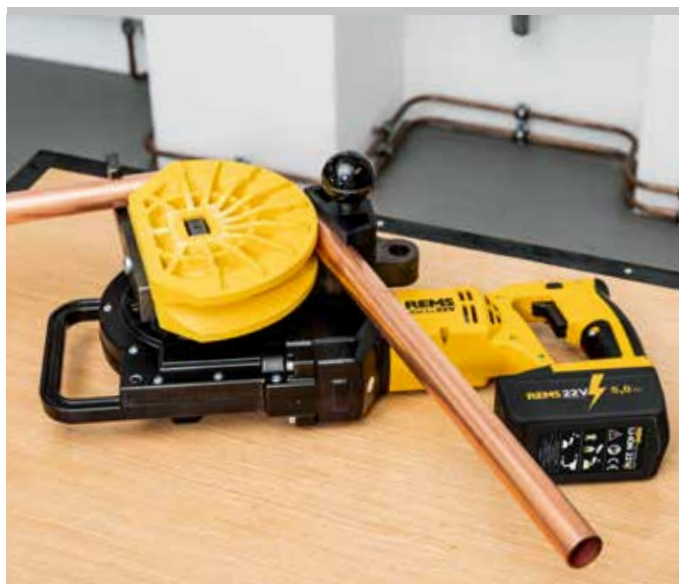
Li-Ion 22V Technology. Highly resistant Li-Ion 21.6V battery with 4.4, 5.0 or 9.0 Ah capacity, for long service life. Light and powerful. Li-Ion 21.6V, 4.4 Ah battery, for approx. 79 pipe bends, 5.0 Ah battery, for approx. 90 pipe bends, 9.0 Ah for approx. 160 pipe bends of the stainless steel Ø 22 mm press fitting systems 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, 40A output, for mains operation 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 Curvo 22V Set.** Cordless tube bender Ø 10–40 mm, Ø ¼–1 ½", to 180°. Hard, semi-hard, soft copper pipes, also thin-walled, Ø 10–28 mm, Ø ¾–1 ½", 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 ¾–1 ½", 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, 5.0 Ah battery, 100–240 V, 50–60 Hz, 90 W rapid charger. Insert bolt. Bending and back formers. In sturdy steel case.

Description	Art.-No.	£
<b>Set 15 + 18 + 22</b>	580051 R220	<b>2,620.00</b>
<b>Set 15 + 18 + 22 + 28<sup>1)</sup></b>	580052 R220	<b>2,910.00</b>
<b>Set 15 + 18 + 22 + 28<sup>2)</sup></b>	580053 R220	<b>2,880.00</b>
<b>Set 15 + 18 + 22 + 28<sup>3)</sup></b>	580054 R220	<b>2,840.00</b>
<b>Set 12 + 15 + 18 + 22</b>	580055 R220	<b>2,660.00</b>
<b>Set 12 + 15 + 18 + 22 + 28<sup>1)</sup></b>	580056 R220	<b>2,930.00</b>
<b>Set 12 + 15 + 18 + 22 + 28<sup>2)</sup></b>	580057 R220	<b>2,980.00</b>
<b>Set 15 + 22 + 28<sup>1)</sup></b>	580058 R220	<b>2,660.00</b>
<b>Set 15 + 22 + 28<sup>2)</sup></b>	580059 R220	<b>2,770.00</b>
<b>Set 17 + 20 + 24</b>	580060 R220	<b>2,730.00</b>
<b>Set 12 + 14 + 16 + 18 + 22</b>	580061 R220	<b>2,750.00</b>
<b>Set 12 + 14 + 16 + 18 + 22 + 28<sup>1)</sup></b>	580062 R220	<b>2,970.00</b>
<b>Set 12 + 14 + 16 + 18 + 22 + 28<sup>2)</sup></b>	580063 R220	<b>3,070.00</b>
<b>Set 14 + 16 + 18 + 22 + 28<sup>1)</sup></b>	580064 R220	<b>2,860.00</b>
<b>Set 14 + 16 + 18 + 22 + 28<sup>2)</sup></b>	580065 R220	<b>2,980.00</b>
<b>Set ¾ + ½ + ¾ + ¾ + ¾"</b>	580066 R220	<b>3,180.00</b>
<b>Set 16 + 20 + 26 + 32</b>	580067 R220	<b>3,060.00</b>
<b>Set 16 + 20 + 25 + 32</b>	580068 R220	<b>2,980.00</b>
<b>Set 20 + 25 + 32</b>	580069 R220	<b>2,950.00</b>
<b>Basic-Pack (without bending and back formers)</b>	580014 R110G	<b>2,130.00</b>

Other voltages on request.

REMS Curvo 22V Set delivered with the smaller radius bending and back former (except Art.-No. 580069), see page 143.

<sup>1)</sup> Bending former and back former 28, R102, Art. No. 581070, for hard, semi-hard copper pipes, also thin-walled. See page 143.

<sup>2)</sup> Bending former and back former 28, ¾" (DN 20), R102, Art. No. 581260, for hard copper pipes Ø 28 mm, Ø 1 ½", pipes of the press fitting systems of stainless steel/carbon steel Ø 28 mm. See page 143.

<sup>3)</sup> 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 143.

## Accessories

Description	Art.-No.	£
<b>Bending formers and back formers</b> see page 143.		
<b>REMS Curvo 22V drive unit, without battery</b>	580004 R22	<b>1,490.00</b>
<b>Battery Li-Ion 21.6 V, 4.4 Ah</b>	571574 R22	<b>384.00</b>
<b>Battery Li-Ion 21.6 V, 5.0 Ah</b>	571581 R22	<b>320.00</b>
<b>Battery Li-Ion 21.6 V, 9.0 Ah</b>	571583 R22	<b>427.00</b>
<b>Rapid charger 100–240 V, 50–60 Hz, 90 W</b>	571585 R220G	<b>181.00</b>
<b>Rapid charger 100–240 V, 50–60 Hz, 290 W</b>	571587 R220G	<b>427.00</b>
<b>Voltage supply 220–240 V/21.6 V, 50–60 Hz, 40 A, for mains operation instead of battery Li-Ion 21.6 V</b>	571578 R220G	<b>540.00</b>
<b>Insert bolt</b>	582036	<b>42.10</b>
<b>REMS bending spray, 400 ml</b>	140120 R	<b>29.80</b>
<b>Steel case with inlay</b>	566030 R	<b>133.00</b>
<b>Machine support 3B, height adjustable, on tripod</b>	586100 R	<b>252.00</b>
<b>Machine support WB, height adjustable, for mounting on work bench</b>	586150 R	<b>177.00</b>
<b>REMS Lumen 2800 22V, cordless LED flood light, see page 111</b>		



Basic-Pack



3B



WB