

Universal, robust hand tool for cold bending up to 180°. Can be used anywhere. For trade and industry. For the building site and the workshop.

Hard, half-hard, soft copper tubes, also thin-wall  $\varnothing$  10–22 mm  
 $\varnothing$   $\frac{3}{8}$ – $\frac{7}{8}$ "

Coated soft copper tubes, also thin-wall  $\varnothing$  10–18 mm

Pipes of press fitting systems made of stainless steel, carbon steel (coated)  $\varnothing$  12–18 mm  
Carbon steel  $\varnothing$  12–22 mm

Soft precision steel tubes  $\varnothing$  10–20 mm

Electric conduit EN 50086  $\varnothing$  16–20 mm

Multi-layer composite tubes  $\varnothing$  14–32 mm

### REMS Sinus – wrinkle-free bending.

**Universal for many tubes. Easy bending through long lever arms. Selectable lever positioning ensures optimum bending position and power transmission. Only one type of bending and back formers for REMS Sinus and REMS Curvo.**

### Universal use

For sanitary, heating, air conditioning, refrigerating and hydraulic applications. 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

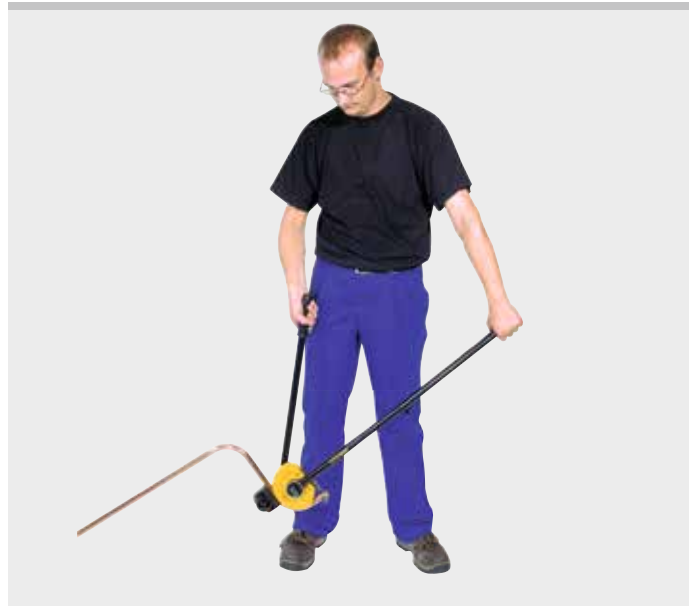
Compact, handy unit of bender drive and bending tools. Can be used anywhere, in parallel vice or free hand as double-hand-bender. Easy bending through long lever arms. Selectable lever positioning ensures optimum bending position and power transmission. Robust design, drive unit in hardened steel for high stress. Simple and rapid changing of bending and back formers. Crossover, swan-neck and U-bends possible.

### Bending formers and back formers

For different pipe sizes, materials and bending radii, see page 131.

### Bending lubricant

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



German Quality Product



Info

### Supply format

**REMS Sinus Set.** Hand tube bender  $\varnothing$  10–32 mm,  $\varnothing$   $\frac{3}{8}$ – $\frac{7}{8}$ ", up to 180°.

Hard, half-hard, soft copper tubes, also thin-wall  $\varnothing$  10–22 mm,  $\varnothing$   $\frac{3}{8}$ – $\frac{7}{8}$ ", coated soft copper tubes, also thin-wall  $\varnothing$  10–18 mm, pipes of the press fitting systems made of stainless steel, carbon steel (coated)  $\varnothing$  12–18 mm, soft precision steel tubes  $\varnothing$  10–22 mm, soft precision steel tubes,  $\varnothing$  10–20 mm, electric conduit EN 50086,  $\varnothing$  16–20 mm, multi-layer composite tubes  $\varnothing$  14–32 mm and others. Drive unit, insert bolt. Bending formers and back formers. REMS bending spray. In sturdy steel case.

Description	Art.-No.
<b>Set 15-18-22</b>	154001
<b>Set 14-16-18</b>	154002
<b>Set 12-15-18-22</b>	154003
<b>Set 10-12-14-16-18-22</b>	154004
<b>Basic-Pack</b> (without bending and back formers and bending spray)	154010

REMS Sinus Set is delivered with bending formers and back formers of the smaller radius, see page 131.

### Accessories

Description	Art.-No.
<b>Bending and back formers</b> see page 131.	
<b>Insert bolt</b>	582036
<b>REMS Curvo drive unit</b>	580000
<b>REMS Sinus drive unit</b>	154000
<b>REMS bending spray, 400 ml</b>	140120
<b>Steel case with inlay</b>	154160

