

Effort-saving, oil-hydraulic hand pipe bender for dimensionally accurate bending of pipes up to 90°. Ideal for on-site work. For trade and industry. For the building site and the workshop.

Soft copper pipes, also thin-walled	Ø 10–22 mm Ø $\frac{3}{8}$ – $\frac{7}{8}$ " s ≤ 1 mm
Coated soft copper tubes	Ø 10–18 mm Ø $\frac{3}{8}$ – $\frac{5}{8}$ " s ≤ 1 mm
Pipes of press fitting systems made of: stainless steel, nickel steel	Ø 12–22 mm s ≤ 1.2 mm
Soft, coated carbon steel	Ø 12–18 mm s ≤ 1.2 mm
Soft precision steel tubes	Ø 10–22 mm s ≤ 1.5 mm
Multi-layer composite tubes	Ø 14–32 mm

**REMS Hydro-Swing – bending tubes where they are installed. Universally usable for many pipe types. Effortless working due to oil-hydraulic force transmission.**

#### Universal use

For sanitary, heating, air conditioning, refrigerating and hydraulic applications. Also for copper thin-walled heating tubes according to EN 1057 and for tubes of pressfitting systems.

#### Cost advantage

Bender recovered after a few bends through savings on fittings. No costs for fittings, storage, procurement. Savings in soldering joints, pressing joints and working hours. Higher safety thanks to fewer pipe joints.

#### Design

Robust, compact drive unit with closed, maintenance-free hydraulic system. Handy and light, only 2.4 kg. Can be used anywhere, even in confined spaces. Easy, quick working, e.g. Ø 22 mm copper pipe bend in just 18 s. Marked bending formers for exact bending. Crossover, swan-neck, reverse bends possible. Easy and rapid changing of bending formers. Back former support H-S Ø 10–26 mm, rotatable according to the size of the pipe to be bent, with back formers for pipes Ø 10–26 mm,  $\frac{3}{8}$ – $\frac{7}{8}$ ". Back former support Ø 32 mm with back formers for pipes Ø 32 mm.

#### Bending formers and sliding pieces

In high-strength, high-slide, glass-fibre reinforced polyamide. See table on page 111 for bending formers.

#### Drive

Oil-hydraulic drive unit with hydraulic cylinder made from high-quality, rolled hydraulic tube. Ergonomically designed thrust lever for strength saving pressure build-up with manual hydraulic pump. Reliable hydraulic thrust with overload protection in the foremost piston position and overpressure valves for safe working.



German Quality Product



Info

## Supply format

**REMS Hydro-Swing Set.** Oil-hydraulic hand pipe bender Ø 10–32 mm, Ø ⅝–⅞", up to 90°. Soft copper pipes Ø 10–22 mm, Ø ⅝–⅞", s ≤ 1 mm, soft, coated copper pipes Ø 10–18 mm, Ø ⅝–⅞", s ≤ 1 mm, pipes of the press fitting systems made of stainless, nickel steel Ø 12–22 mm, s ≤ 1.2 mm, soft, coated carbon steel Ø 12–18 mm, s ≤ 1.2 mm, soft precision steel pipes Ø 10–22 mm, s ≤ 1.5 mm, composite tubes Ø 14–32 mm. Up to Ø 26 mm with drive unit, bending formers, back former support H-S Ø 10–26 mm with back formers, in a sturdy case. Up to Ø 32 mm with drive unit, bending formers, 2 back former supports Ø 10–26 mm and Ø 32 mm with back formers, in a sturdy case.

Description mm	inch	Art.-No.
<b>Set 12-15-18-22</b>	½-⅝-¾-⅞"	153525
<b>Set 10-12-15-18-22</b>	⅝-½-⅝-¾-⅞"	153521
<b>Set 12-14-16-18-22</b>	½-¾-⅞"	153520
<b>Set 14-16-20-25/26</b>		153526
<b>Set 14-16-18-20-25/26</b>		153522
<b>Set 16-20-25/26-32</b>		153529
<b>Set Allround 22</b>		
<b>10-12-14-15-16-17-18-20-22</b>	⅝-½-⅝-¾-⅞"	153527
<b>Set 16-18-20-25/26-32</b>		153523
<b>Set Allround 32</b>		
<b>10-12-14-15-16-17-18-20-22-25/26-32</b>	⅝-½-⅝-¾-⅞"	153528



## Accessories

Description	Art.-No.
<b>REMS Hydro-Swing drive unit</b>	153500
<b>Back former support H-S Ø 10–26 mm</b> with back formers for pipe Ø 10–26 mm, ⅝–⅞"	153501
<b>Back former support Ø 32 mm</b> with back formers for pipe Ø 32 mm	153115
<b>Case with inlay</b>	153570

Bending former for tubes Ø mm/inch	Bending radius <sup>1)</sup> mm	suitable for					
		Cu	Cu-U	St 10217	St 10305	St 10305-U	
10, ⅝	30	●			●		153155
12, 10 U, ½	36	●	●	●	●		153160
14, 12 U	50	●			●	●	153170
15, 12 U, ⅝	55	●	●	●	●		153175
16, 14 U	55	●	●		●	●	153180
17, 15 U	60	●			●	●	153185
18, 14 U, 15 U, 16 U, ¾	72	●	●	●	●	●	153190
20, 18 U	79	●	●		●	●	153195
22, 18 U, ⅞	86	●	●	●	●		153540
25, 26	88					●	153205
32	128					●	153210

<sup>1)</sup> Bending radius mm at the neutral axis of the bend (DVGW GW 392)

Cu: soft copper tubes, also thin-wall, EN 1057

St 10217: stainless, nickel steel pipes of the press fitting systems EN 10217-7, EN 10312, series 2

St 10305: soft precision steel pipes EN 10305-1, EN 10305-2, EN 10305-3

St 10305-U: soft, coated carbon steel pipes of the pressfitting systems EN 10305-3

U: coated

V: multi-layer composite tubes of pressfitting systems

