

REMS Hydro-Swing

Oil-hydraulic hand pipe bender

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 3/8–7/8" s ≤ 1 mm
Coated soft copper tubes	Ø 10–18 mm Ø 3/8–5/8" 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. Overbend, tier bend 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, 3/8–7/8". 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 115 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.
Set 12-15-18-22	½-⅝-¾-⅞"	153525R
Set 10-12-15-18-22	⅝-⅞-⅝-¾-⅞"	153521R
Set 12-14-16-18-22	½-¾-⅞"	153520R
Set 14-16-20-25/26		153526R
Set 14-16-18-20-25/26		153522R
Set 16-20-25/26-32		153529R
Set Allround 22		
10-12-14-15-16-17-18-20-22	⅝-⅞-⅝-¾-⅞"	153527R
Set 16-18-20-25/26-32		153523R
Set Allround 32		
10-12-14-15-16-17-18-20-22-25/26-32	⅝-⅞-⅝-¾-⅞"	153528R



Accessories

Description	Art.-No.
REMS Hydro-Swing drive unit	153500R
Back former support H-S Ø 10–26 mm with back formers for pipe Ø 10–26 mm, ⅝–⅞"	153501R
Back former support Ø 32 mm with back formers for pipe Ø 32 mm	153115RX2
Case with inlay	153570R

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

- ¹⁾ 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

