

# REMS Hydro-Swing 22V

Cordless tube bender

Universal, mobile, handy electric tool 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. Li-Ion 22V Technology. For battery and corded operation.

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 15 – 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 22V – bending tubes where they are installed. Mobile, handy, light. Universally usable for many pipe types. Li-Ion 21.6V, 2.5Ah battery, for approx. 110 stainless steel pipe bends of the Ø 22 mm press fitting systems with one battery charge\*.**

## 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

Cordless tube 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. Mobile, handy, light. Drive machine with battery pack weights only 3.0 kg. Can be used anywhere, even in confined spaces. Easy, quick working, e.g. Ø 22 mm stainless steel pipe bend in just 8 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. LED work light for illuminating the work place. Device H-S for reverse bending on laid pipes up to Ø 26 mm, 7/8", as accessory.

## Bending formers and sliding pieces

Bending formers and back formers made of high strength, high sliding, glass fibre reinforced polyamide or aluminium bending formers. Angle scale on each bending former for dimensionally accurate bending. See table on page 133 for bending formers.

## Drive

Tons of thrust for crease-free bending within seconds. Thrust force 9 kN. Powerful electro-hydraulic drive with powerful battery motor 21.6 V, 380 W output, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system. Safety tip switch.

## Battery or mains operation

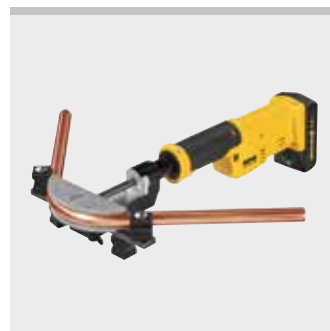
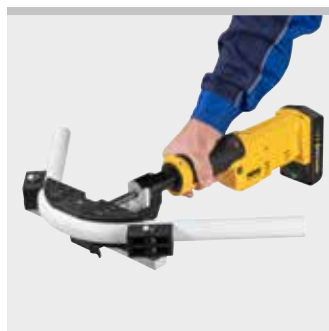
Li-Ion 22V Technology. Highly resistant Li-Ion 21.6V battery with 2.5, 4.4, 5.0 or 9.0Ah capacity, for long service life. Light and powerful. Li-Ion 21.6V, 2.5Ah battery for approx. 110 pipe bends, 4.4Ah for approx. 190 pipe bends, 5.0Ah for approx. 220 pipe bends, 9.0Ah for approx. 396 pipe bends of 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, 15A output, for mains operation instead of Li-Ion battery 21.6 V, as accessory.

## Supply format

**REMS Hydro-Swing 22V INOX Set.** REMS Hydro-Swing 22V with aluminium bending formers, especially also for Geberit Mapress Stainless Steel (EN 10088, 1.4401), Geberit Mapress Stainless Steel (EN 10088, 1.4521, nickel-free), Geberit Mapress Carbon Steel (EN 10305-3, 1.0034 (E195)), Viega Sanpress (EN 10088, 1.4401), Viega Prestabo (EN 10305-3, 1.0308 (E235)).

Description mm	Art.-No.	€
Set 15 + 18 + 22	153419R220	1 483,30

Other voltages on request.



German Quality Product



Info



# REMS Hydro-Swing 22 V

Cordless tube bender

## Supply format

**REMS Hydro-Swing 22 V Set.** Cordless tube bender Ø 10–32 mm, Ø ⅜–⅞", up to 90°. Soft copper pipes Ø 10–22 mm, Ø ⅜–⅞", s ≤ 1 mm, soft, coated copper pipes Ø 10–18 mm, Ø ⅜–⅝", s ≤ 1 mm, pipes of the press fitting systems made of soft, coated carbon steel Ø 12–18 mm, s ≤ 1.2 mm, soft precision steel pipes Ø 10–18 mm, s ≤ 1.5 mm, composite tubes Ø 14–32 mm. Electro-hydraulic drive with powerful battery motor 21.6 V, 380 W, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system. Safety tip switch. LED work light. Battery Li-Ion 21.6 V, 2.5 Ah, rapid charger 220–240 V or 110 V, 50–60 Hz, 70 W. Up to Ø 26 mm with polyamide bending formers, back former support H-S Ø 10–26 mm with back formers. Up to Ø 32 mm with polyamide bending formers, 2 back former supports Ø 10–26 mm and Ø 32 mm with back formers. In XL-Boxx system case.

Description mm	inch	Art.-No.	€
<b>Set 12 + 15 + 18 + 22</b>	½ + ⅝ + ¾ + ⅞"	153410RX220	<b>1 389,88</b>
<b>Set 10 + 12 + 15 + 18 + 22</b>	⅜ + ½ + ⅝ + ¾ + ⅞"	153411RX220	<b>1 431,40</b>
<b>Set 12 + 14 + 16 + 18 + 22</b>	½ + ⅜ + ⅞"	153412RX220	<b>1 431,40</b>
<b>Set 14 + 16 + 20 + 25/26</b>		153413R220	<b>1 389,88</b>
<b>Set 14 + 16 + 18 + 20 + 25/26</b>		153414R220	<b>1 431,40</b>
<b>Set 16 + 20 + 25/26 + 32</b>		153415R220	<b>1 483,30</b>
<b>Set Allround 22</b>			
<b>10 + 12 + 14 + 15 + 16 + 17 + 18 + 20 + 22</b>	⅜ + ½ + ⅝ + ¾ + ⅞"	153416RX220	<b>1 555,96</b>
<b>Set 16 + 18 + 20 + 25/26 + 32</b>		153417R220	<b>1 587,10</b>
<b>Set Allround 32</b>			
<b>10 + 12 + 14 + 15 + 16 + 17 + 18 + 20 + 22 + 25/26 + 32</b>	⅜ + ½ + ⅝ + ¾ + ⅞"	153418RX220	<b>1 784,32</b>
<b>Basic-Pack</b> (ohne Biegesegmente und Gleitstücke)		153401R220	<b>1 203,04</b>

Other voltages on request.



## Accessories

Description	Art.-No.	€
<b>REMS Hydro-Swing 22 V drive unit, without battery</b>	153400R22	<b>544,95</b>
<b>Back former support H-S Ø 10–26 mm</b> with back formers for pipe Ø 10–26 mm, ⅜–⅞"	153501R	<b>69,34</b>
<b>Back former support Ø 32 mm</b> with back formers for pipe Ø 32 mm	153115RX2	<b>133,38</b>
<b>Device H-S for reverse bending</b> on laid pipes up to Ø 26 mm, ⅞"	153450R	<b>237,70</b>
<b>Battery Li-Ion 21.6 V, 2.5 Ah</b>	571571R22	<b>258,46</b>
<b>Battery Li-Ion 21.6 V, 4.4 Ah</b>	571574R22	<b>372,64</b>
<b>Battery Li-Ion 21.6 V, 5.0 Ah</b>	571581R22	<b>310,36</b>
<b>Battery Li-Ion 21.6 V, 9.0 Ah</b>	571583R22	<b>414,16</b>
<b>Rapid charger 100–240 V, 50–60 Hz, 90 W</b>	571585R220	<b>175,42</b>
<b>Rapid charger 100–240 V, 50–60 Hz, 290 W</b>	571587R220	<b>414,16</b>
<b>Voltage supply 220–240 V/21.6 V, 50–60 Hz, 15 A</b> , for mains operation instead of battery Li-Ion 21.6 V	571567R220	<b>414,16</b>
<b>XL-Boxx system case with inserts</b>	153455R	<b>233,55</b>

**REMS Lumen 2800 22 V**, cordless LED flood light, see page 111

Bending former for tubes Ø mm/inch	Bending radius <sup>1)</sup> mm	suitable for					Art.-No.	€
		Cu	Cu-U	St 10217	St 10305	St 10305-U		
10, ⅜"	30	●			●		153155R	<b>32,07</b>
12, 10 U, ½"	36	●	●		●		153160R	<b>32,07</b>
14, 12 U	50	●			●	●	153170R	<b>32,07</b>
15, 12 U, ⅝" <sup>2)</sup>	55	●	●	●	●		153531R	<b>73,49</b>
15, 12 U, ⅝"	55	●	●		●		153175R	<b>32,07</b>
16, 14 U	55	●	●		●		153180R	<b>32,07</b>
17, 15 U	60					●	153185R	<b>32,07</b>
18, 14 U, 15 U, 16 U, ¾" <sup>2)</sup>	72	●	●	●	●		153532R	<b>73,49</b>
18, 14 U, 15 U, 16 U, ¾"	72	●	●		●		153190R	<b>32,07</b>
20, 18 U	79	●	●		●	●	153195R	<b>32,07</b>
22, 18 U, ⅞" <sup>2)</sup>	86	●	●	●	●		153540R	<b>73,49</b>
22, 18 U, ⅞"	86	●	●				153200R	<b>32,07</b>
25, 26	88					●	153205R	<b>32,07</b>
32	128					●	153210R	<b>60,20</b>

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

<sup>2)</sup> Aluminium bending formers

- 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, material 1.4401
- 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

