

# REMS Mini-Cobra S 22 V VE

Cordless drain cleaning machine

Mobile, handy, cordless pipe cleaning device with fast switchover. For effortless and quick application to remove pipe blockages in kitchen, bath, toilet. Li-Ion 22 V Technology. For battery and corded operation.

For pipes	Ø 20–50 (75) mm
For drain cleaning cables	Ø 8, 10 mm

**REMS Mini-Cobra S 22 V VE – fast clearance of pipe blockages anywhere. Ultra fast reversal of direction of spiral feed/return by fast switchover. With powerful, brushless battery motor. Battery Li-Ion 22 V, 2.5 Ah, 54 Wh, for approx. 45 min. pipe cleaning with one battery charge\*.**

## Design

Compact unit of cordless drive unit and spiral drum. Mobile, handy, light. Complete with battery pack only 5.2 kg. Combined thrust and grip handle for controlling the automatic feed-forward and reverse and for safe holding of the unit. Easy operation also in traps and tight bends. Integrated LED work light for illuminating the work place.

## Fast switchover

For easy operation and fast clearance of pipe blockages. Ultra fast reversal of direction of spiral feed/return by fast switchover (**Patent EP 3 059 022**) also under full load without changing the motor's direction of rotation, avoids looping of the drain cleaning cables when suddenly encountering resistance from pipe blockages, for long life of the drain cleaning cables.

## Drain cleaning cables

Drain cleaning cables in high quality spring steel. Specially hardened. Highly flexible for effortless feed-forward in tight pipe bends. Cable end with bulbous head (sink strainer head), thus easy to bend. Drain cleaning cables with core in high quality spring steel prevents ingress of dirt and generation of long fibres in the cable windings.

## Cable drum

Corrosion resistant cable drum in shock-proof, glass-fibre reinforced plastic prevents pollution of the environment. Ventilation of the cable drum interior enables self-drying of cable. View of the cable at any time.

## Drive

High-performance electro-mechanical drive with powerful, brushless motor 22 V, 500 W output, extra torque powerful left and right hand rotation at specially adapted speed, robust, precision ball bearing-mounted gear, maintenance-free. Safety switch, electronically controlled for jolt-free switching on and off. Continuous, electronic speed control. The speed can be continuously controlled by variable pressure on the safety switch from 0 to 560 rpm (accelerator switch /VE)).

## Battery or mains operation

REMS Li-Ion 22 V Technology, see page 20–25. Highly resistant Li-Ion 22 V battery with 1.5, 4.4, 5.0 or 9.0 Ah capacity, for long service life. Light and powerful. Battery Li-Ion 22 V, 2.5 Ah, 54 Wh, for approx. 45 min., 4.4 Ah, 95 Wh, for approx. 79 min., 5.0 Ah, 108 Wh, for approx. 90 min., 9.0 Ah, 194 Wh, for approx. 164 min. pipe cleaning 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 100–240 V, 90 W, 22 V or 290 W, 22 V, for shorter charging times, as accessory. Voltage supply 220–240 V, 22 V, 15 A output, for mains operation instead of Li-Ion battery 22 V, as accessory.



German Quality Product



Info



Patent EP 3 059 022



## Supply format

**REMS Mini-Cobra S 22 V VE.** Cordless pipe cleaning device with fast switchover, for pipes Ø 20–50 (75) mm. For drain cleaning cables Ø 8 and 10 mm. Drive unit with powerful, brushless battery motor 22 V, 500 W, maintenance-free, robust gear, extra torque powerful left and right hand rotation at low speeds, safety switch. Continuous, electronic speed control (accelerator switch (VE)) from 0 to 560 rpm. Cable drum in shock-proof, glass-fibre reinforced plastic. Cable Ø 8 mm, with core, 7.5 m long.

Description	Version	Art.-No.	€
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### REMS Mini-Cobra S 22 V VE in a carton

Set\IP	without battery, without rapid charger	170024R22	<b>483,00</b>
Set	with battery Li-Ion 22 V, 2.5 Ah, 54 Wh, rapid charger 220–240 V, 50–60 Hz, 70 W, 22 V	170025R220	<b>789,00</b>

### REMS Mini-Cobra S 22 V VE in L-Boxx H system case

Set\IP	without battery, without rapid charger	170029R22	<b>632,00</b>
Set	with battery Li-Ion 22 V, 2.5 Ah, 54 Wh, rapid charger 220–240 V, 50–60 Hz, 70 W, 22 V	170027R220	<b>945,00</b>

Other voltages on request.



## Accessories

Description	Ø × Length	Art.-No.	€
<b>Drain cleaning cable with core</b>	8 mm × 7.5 m	170201	<b>101,90</b>
<b>Drain cleaning cable</b>	10 mm × 10 m	170205	<b>145,00</b>
<b>Power-Pack 22 V 2.5 Ah + 2.5 Ah + 90 W, 108 Wh,</b> consisting of 2 batteries Li-Ion 22 V, 2.5 Ah, 54 Wh, rapid charger 100–240 V, 50–60 Hz, 90 W, 22 V		571590R220	<b>657,00</b>
<b>Battery Li-Ion 22 V, 2.5 Ah, 54 Wh</b>		571571R22	<b>229,00</b>
For other batteries Li-Ion 22 V/Power-Packs 22 V see page 20–25.			
<b>Rapid charger 100–240 V, 50–60 Hz, 90 W, 22 V</b>		571585R220	<b>199,00</b>
<b>Rapid charger 100–240 V, 50–60 Hz, 290 W, 22 V</b>		571587R220	<b>429,00</b>
<b>Voltage supply 220–240 V, 50–60 Hz, 350 W, 22 V, 15 A,</b> for mains operation instead of battery Li-Ion 22 V.		571567R220	<b>429,00</b>
<b>L-Boxx H system case with inserts</b>		170118R	<b>149,00</b>
<b>REMS Lumen 2800 22 V</b> , cordless LED flood light, see page 119			

