

# REMS Picus SR

Electric diamond core drilling machine with speed regulation

Compact, handy power tool for core drilling in steel-reinforced concrete, masonry and other materials. With speed regulation. Dry or wet drilling, hand held or with drill stand. For installation, metalwork, industry.

Steel-reinforced concrete	up to Ø 162 (200) mm
Masonry	up to Ø 250 mm

REMS Universal diamond core drilling crowns, also suitable for drive machines of other makes, see page 208–209.

**REMS Picus SR – Core drilling instead of chiselling. Easy, fast, vibration-free. With speed regulation.**

**1 system – 4 applications. Ideal for plumbers.**

### Universal use

Universal drive machine for dry or wet drilling, hand held or with drill stand. Can be used anywhere, in narrow angles, flush with the wall. Extremely versatile and efficient, e.g. drilling in steel-reinforced concrete, masonry and other materials. For pipeline and cable ducting, ventilation channels, test core drilling.

### System advantage

Only **one** type of universal diamond core drilling crowns for all REMS Picus drive machines and other suitable makes of drive machines. Therefore simple, low cost storage. No confusion possible.

### Execution

Compact, handy drive machine for vibration-free core drilling, with drilling crown connecting thread UNC 1¼ male, BSPP ½ female. Robust, suitable for the building site. Extra light, only 6.4 kg. Simple, fast work, e.g. 200 mm in steel-reinforced concrete Ø 62 mm in only 3 min. Practical spade handle and stabiliser for hand held drilling. Throat Ø 60 mm for holding the drive machine in the drill stand. Water supply for wet drilling, with adjustable shut-off valve and quick-coupling with water stop and hose connection ½". Suction rotor for sucking off dust for dry drilling with connection for conventional vacuum cleaner, as accessory.

### Drive

Robust, powerful 2200 W universal motor. Temperature control of the motor's field wires with a PTC resistor (Positive Temperature Coefficient) as overheating protection. Stable, maintenance-free, 2-step gear. Blocking protection by safety slip clutch. Touch switch with lock. Connecting cable with integrated personal protection switch (PRCD).

### Speed-Regulation

Stepless electronic speed regulation of the drive machine for selecting the speed according to the material. The speed is steplessly adjustable on the dial: 250 rpm to 500 rpm (1<sup>st</sup> gear) or 600 rpm to 1200 rpm (2<sup>nd</sup> gear). The electronic speed control that is being used keeps the selected speed constant, also under load. Advantage: The optimum drilling speed (load speed) selected for the respective material and the drilling crown diameter remains constant for the entire duration of the drilling. For the best drilling performance and maximum life of the drilling crowns.

### Multifunction electronics

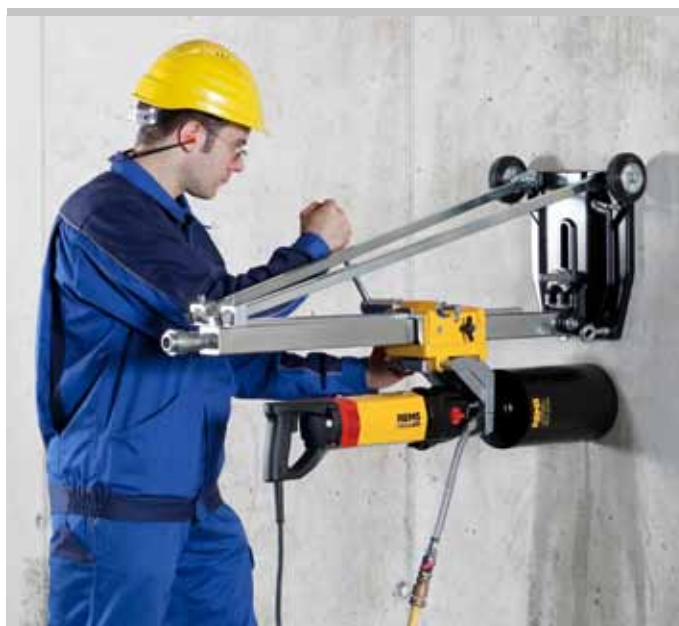
Multifunction electronics with start-up current limiting for soft starting for delicate drilling start, automatic idle speed limiting for noise reduction and preservation of the motor, overload and blocking protection for motor and gear.

### Universal diamond core drilling crowns

Universally usable for dry and wet drilling, hand held or with drill stand. Optionally REMS Universal diamond core drilling crowns, inductively soldered, resolderable or REMS Universal diamond core drilling crowns LS, laser welded, high temperature-resistant (page 208–209). Connecting thread UNC 1¼ female. Drilling depth 420 mm. Specially developed, high quality diamond segments with high diamond percentage and special bonding, for excellent drilling performance and very long life. Ideal for universal applications in steel-reinforced concrete and masonry. Adapter for using the REMS Universal diamond core drilling crowns in drive machines of other makes, as accessory. Light loosening ring, for light loosening of the diamond core crown, as accessory.

### Drill stand

A choice of two drilling stands, see page 206.



German Quality Product

With speed regulation for the best drilling performance and maximum life of the drilling crowns.



REMS Simplex 2



REMS Titan





REMS Picus SR Basic-Pack



REMS Picus SR Set Titan



REMS Picus SR Set 62-82-132 Titan

### Supply format

**REMS Picus SR Basic-Pack.** Electric diamond core drilling machine with speed regulation. For core drilling in steel-reinforced concrete up to Ø 162 (200) mm, masonry up to Ø 250 mm. For dry or wet drilling, hand held or with drill stand. Drive machine with drilling crown connection thread UNC 1¼ male, G ½ female, maintenance-free 2-step gear with safety slip clutch, universal motor 230 V, 50–60 Hz, 2200 W. Stepless electronic speed regulation 250 rpm to 500 rpm (1<sup>st</sup> gear) or 600 rpm to 1200 rpm (2<sup>nd</sup> gear), overheating protection. Multifunction electronics with soft starting, idle speed limiting, overload protection, blocking protection. Touch switch with lock. Personal protection switch (PRCD). Water supply device with adjustable shut-off valve and quick coupling with water stop and ½" hose connection. Stabiliser. Single open ended wrench size 32. In sturdy steel case.

	Art.-No.	
	183010	

Other voltages on request.

### Supply format

**REMS Picus SR Set Titan.** REMS Picus SR Basic-Pack with REMS Titan drilling stand including fastening kit for masonry and concrete.

	Art.-No.	
	183022	

Other voltages on request.

### Supply format

**REMS Picus SR Set 62-82-132 Titan.** REMS Picus SR Basic-Pack with REMS Titan drilling stand including fastening kit for masonry and concrete and REMS Universal diamond core drilling crowns UDKB Ø 62-82-132 mm.

	Art.-No.	
	183023	

Other voltages on request.

### Accessories

Description	Art.-No.	
<b>REMS Picus SR drive unit</b>	183000	
<b>Spacer set</b> , for additional fastening of the REMS Picus SR drive machine to the REMS Titan drilling stand, consisting of spacer and two M 8 x 65 cylinder head screws	183632	
<b>Steel case</b> with inlay	180600	
<b>REMS Universal diamond core drilling crowns</b> , inductively soldered, resolderable, see page 208.		
<b>REMS universal diamond core drilling crowns LS</b> , laser welded, high temperature-resistant, see page 209.		
Additional accessories see page 206–207.		

