

Compact, handy power tool for core drilling, e.g. in concrete, steel-reinforced concrete, all kinds of masonry, natural stone, asphalt, all kinds of screed. Dry or wet drilling, hand held or with drill stand. For trade and industry.

Concrete, steel-reinforced concrete	up to Ø 102 (132) mm
Masonry and others	up to Ø 162 mm

REMS Universal diamond core drilling crowns, also suitable for drive machines of other makes, see page 230–231.

REMS Picus S1 – Core drilling instead of chiselling. Easy, fast, vibration-free.

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. For many 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.

Design

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 5.2 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 1850 W universal motor. Load speed drilling spindle 580 rpm. Stable, maintenance-free gear. Blocking protection by safety slip clutch. Tip switch with lock. Connecting cable with integrated personal protection switch (PRCD).

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 230–231). 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.

Dust extraction in accordance with EN 60335-2-69

When working with mineral building materials, e.g. concrete, steel-reinforced concrete, masonry and screed, a high degree of mineral dust containing quartz is produced which is harmful to the health. Inhalation of quartz fine dust is harmful to the health. EN 60335-2-69 prescribes the use of at least one safety extractor of dust class M for the extraction of health hazardous dusts with an exposure limit/work place limit of > 0.1 mg/m³. Observe the national regulations.

Suction rotor for dust extraction in dry drilling with connection for REMS Pull and other suitable extractors, as accessory. REMS Pull M, wet and dry dust extractor, certified for extracting health hazardous dusts of dust class M, see page 236.

Water extractor unit

Water extractor unit for wet drilling up to Ø 170 mm, consisting of a water collector ring with connection for REMS Pull or other suitable wet extractors, compression ring, rubber washer Ø 200 mm, adaptable to diameter of the drill crown and universal pressure pad for all REMS drill stands, as accessory.

Drill stand

REMS Simplex 2 or REMS Titan drill stands can be used optionally, see page 228.



REMS Simplex 2



REMS Titan



REMS Picus S1 Basic-Pack



REMS Picus S1 Set 62

Supply format

REMS Picus S1 Basic-Pack. Electric diamond core drilling machine for core drilling in concrete, steel-reinforced concrete up to Ø 102 (132) mm, masonry and other materials up to Ø 162 mm. For dry and wet drilling, hand held or with drill stand. Drive machine with drilling crown connecting thread UNC 1¼ male, BSPP ½ female, maintenance-free gear with safety slip clutch, universal motor 230 V, 50–60 Hz, 1850 W. Multifunction electronics with soft starting, idle speed limiting, overload protection, blocking protection. Touch switch with lock. Personal protection switch (PRCD). Load speed drilling spindle 580 rpm. Water supply device with adjustable shut-off valve and quick coupling with water stop and ½" hose connection. Stabiliser. Starting aid BSPP ½ with drill Ø 8 mm, Allen key size 3. Single open-ended wrench size 32. In sturdy steel case.

	Art.-No.	
	180010	

Other voltages on request.

Supply format

REMS Picus S1 Set 62. REMS Picus S1 Basic-Pack with REMS Universal diamond core drilling crown UDKB Ø 62 mm.

	Art.-No.	
	180020	

Other voltages on request.

Supply format

REMS Picus S1 Set 62 Simplex 2. REMS Picus S1 Basic-Pack with REMS Universal diamond core drilling crowns UDKB Ø 62 mm a REMS Simplex 2 drilling stand including tools and fastening kit for masonry and concrete.

	Art.-No.	
	180031	

Other voltages on request.



REMS Picus S1 Set 62 Simplex 2

Accessories

Description	Art.-No.	
REMS Picus S1 drive unit	180000	
Steel case with inlay	180600	
REMS Universal diamond core drilling crowns, inductively soldered, resolderable, see page 230.		
REMS universal diamond core drilling crowns LS, laser welded, high temperature-resistant, see page 231.		
REMS Pull L / M, dry and wet extractors, see page 236		
Additional accessories see page 228–229.		

