

REMS Picus DP

Electric diamond core drilling machine
with micro-pulse technology

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. With micro-pulse technology. Especially for dry drilling, hand held or with drill stand.

Concrete, steel-reinforced concrete ≤ Ø 162 (202) mm

Masonry and other materials ≤ Ø 202 mm

REMS dry diamond core drilling crowns, also suitable for drive machines of other makes, see page 369.

REMS Picus DP – with micro-pulse technology

For core drilling without water. Clean, easy, fast, e.g. 200 mm in steel-reinforced concrete Ø 62 mm in only 5 min.

Especially for dry drilling

Drive machine with micro-pulse technology, specially developed for dry drilling, hand held or with drill stand. Can be used anywhere, in narrow angles, flush with the wall. Suitable for many, especially hard materials. For pipeline and cable ducting, ventilation channels, test core drilling. In combination with the REMS Pull 2 M vacuum cleaner, ideal for making core bores in finished rooms, e.g. in residential, office and industrial buildings.

Design

Compact, handy drive machine for low-vibration core drilling, with drilling crown connecting thread UNC 1 ¼ male, BSPP ½ female. Compact drive unit for low-vibration core drilling, with drilling crown connecting thread UNC 1 ¼ outside, G ½ inside. Robust, suitable for the building site. Extra light, only 7 kg. Simple, fast work without water, e.g. 200 mm in steel-reinforced concrete Ø 62 mm in only 5 min. Practical spade handle and stabiliser for hand held drilling. Integrated suction rotor for dust extraction with connection for REMS Pull 2 M and other suitable vacuum cleaners. Throat Ø 60 mm for holding the drive machine in the drill stand.

Drive

Robust, powerful 2200 W universal motor. Load speed drilling spindle 8080 rpm. Stable, maintenance-free gear. Blocking protection by safety slip clutch. Tip switch with lock. Connecting cable with integrated personal protection switch (PRCD).

Micro-pulse technology

Micro-pulse technology can be switched on and off: Pulse disc with 24 teeth generates 28,800 pulses min⁻¹ in idle mode at 1,200 min⁻¹, under load at 880 min⁻¹ 21,120 pulses min⁻¹. Especially for dry drilling in very hard materials, hand held or with drill stand.

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.

Dry diamond core drilling crowns LS

Especially for dry drilling with core drilling machines with micro-pulse technology, laser welded, high temperature-resistant (page 369), for drilling without water, hand held or with drill stand. Connecting thread UNC 1 ¼ female. Drilling depth 320 mm. Specially developed, high quality diamond segments with high diamond percentage and special bonding, for excellent drilling performance and very long life. Ideal for dry drilling in steel-reinforced concrete and masonry. Light loosening ring, for light loosening of the dry diamond core drilling 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.

Use REMS Pull 2 M for high-performance extraction of drilling dusts from the drilling gap during dry drilling (page 374). The REMS Pull 2 M safety vacuum cleaner is certified for extracting health hazardous dusts of dust class M.

Drilling start aid

Drilling start aid G ½ TDKB, with bores for extracting the drilling dust from the bore hole, with carbide masonry drill Ø 8 mm.

Drill stand

REMS Simplex 2 or REMS Titan drill stands can be used optionally (page 368).

REMS Detect B

Electronic bore hole centre tracking device, for exact determination of the in and out centres of through-bores, see page 370.



German Quality Product



Info



REMS Simplex 2



REMS Titan



REMS Picus DP Basic-Pack



REMS Picus DP Set Simplex 2



REMS Picus DP Set Titan



REMS Picus DP/Pull 2 M Set-Pack

Supply format

REMS Picus DP Basic-Pack. Electric diamond core drilling machine with micro-pulse technology for core drilling without water in concrete, steel-reinforced concrete $\leq \varnothing 162$ (202) mm, masonry and other materials $\leq \varnothing 202$ mm, hand held or with drill stand. Drive unit with drilling crown male connection thread UNC 1 1/4, female connection thread G 1/2, maintenance-free gear with safety slip clutch, 110 V / 230 V, 50–60 Hz, 2200 W universal motor, integrated dust extraction. Multifunction electronics with soft starting, idle speed limiting, overload protection, blocking protection. Touch switch with lock. Load speed drilling spindle 880 rpm. Stabiliser. Drill start aid G 1/2 TDKB with $\varnothing 8$ mm drill, size 3 Allen key. Size 32 opened ended wrench. In sturdy steel case.

	Art.-No.	€
	180016R220	2.740,00

Other voltages on request.

Supply format

REMS Picus DP Set Simplex 2. REMS Picus DP Basic-Pack with REMS Simplex 2 drilling stand including tools and fastening kit for masonry and concrete.

	Art.-No.	€
	180033R220	3.830,00

Other voltages on request.

Supply format

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

	Art.-No.	€
	180035R220	4.390,00

Other voltages on request.

Supply format

REMS Picus DP/Pull 2 M Set-Pack. REMS Picus DP Basic-Pack, Art.-No. 180016 R220, and REMS Pull 2 M Set, Art.-No. 185601 R220.

	Art.-No.	€
	180036R220	3.870,00

Other voltages on request.

Accessories

Description	Art.-No.	€
Picus DP drive unit	180003R220	2.590,00
Steel case with inlay	180600R	149,00

Dry diamond core drilling crowns LS, laser welded, high temperature-resistant, see page 369.

Dust protection doors, see page 120.

Detect B. Electronic bore hole centre tracking device, for exact determination of the in and out centres of through-bores, see page 370.

REMS Pull 2 M, dry and wet extractor, see page 374

Additional accessories see page 368.

