

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. Dry or wet drilling, hand held or with drill stand.

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

Masonry and other materials ≤ Ø 202 mm

REMS dry and universal diamond core drilling crowns, also suitable for drive machines of other makes, see page 339.

REMS Picus DWP – with micro-pulse technology.

Ideal for hand held drills in very hard materials.

Clean, simple, fast.

1 system – 4 applications.

Universal use

Universal drive machine with micro-pulse technology for dry and wet 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 dry drilling 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, 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. Interchangeable connections: for dry drilling with REMS Pull 2 M and other suitable vacuum cleaners as well as for wet drilling with a water supply device, with adjustable shut-off valve and quick coupling with water stop and ½" hose connection. 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 hand held wet drilling as well as dry drilling, hand held or with drill stand, in very hard materials.

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 339), 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. Also suitable for wet drilling. Light loosening ring, for light loosening of the dry diamond core drilling crown, as accessory.

Universal diamond core drilling crowns

Universal diamond core drilling crowns suitable for using without micro-pulse technology, see page 330–333.

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 344). 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 338).

REMS Detect B

Electronic bore hole centre tracking device, for exact determination of the in and out centres of through-bores, see page 340.



German Quality Product



Info



REMS Simplex 2



REMS Titan

Supply format

REMS Picus DWP Basic-Pack. Electric diamond core drilling machine with micro-pulse technology, for dry and wet drilling 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. Connection for vacuum cleaner, connection with water supply device, interchangeable. Multi-function electronics with soft starting, idle speed limiting, overload protection, blocking protection. Personal protection switch (PRCD). 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.	KM
	180017R220	6.190,00

Other voltages on request.

Supply format

REMS Picus DWP 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.	KM
	180037R220	8.320,00

Other voltages on request.

Supply format

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

	Art.-No.	KM
	180038R220	9.420,00

Other voltages on request.

Accessories

Description	Art.-No.	KM
Picus DWP drive unit	180004R220	5.890,00
Steel case with inlay	180600RDP	271,00

Dry diamond core drilling crowns LS, laser welded, high temperature-resistant, see page 339.

Universal diamond core drilling crowns, inductively soldered, resolderable, see page 330–331.

Universal diamond core drilling crowns LS, laser welded, high temperature-resistant, see page 332–333.

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 340.

REMS Pull 2 M, dry and wet extractor, see page 344

Additional accessories see page 338.



REMS Picus DWP Basic-Pack



REMS Picus DWP Set Simplex 2



REMS Picus DWP Set Titan

