

RODIA® Diamond Core Drilling

Hand-Operated Drilling

RODIADRILL 1800 DRY

Hand-operated dry drilling, drill Ø 32 - 200 mm



Product Profile

APPLICATION AREA

Hand-operated dry drilling, optimal for drilling in lime sand brick, masonry, brickwork, pumice, aerated concrete
Ideal for use in the HVAC&R, plumbing and electrical industries, in enclosed rooms or in inhabited buildings where jolt and dust free operation is required

KEY FEATURES

- Efficient drilling with the help of the POWER PULSE technology
- Optimum drilling results with the powerful extraction rotor
- Electronic friction clutch with 20 Nm torque
- Safe operation with the electronic soft start with overload indicator
- Better operating position, directly against the wall, small compact design

KEY FEATURES

- Operation possible with RODIACUT® 170 Pro (FF30171, FF30170 (130 PRO (No. 100000088)) possible
- Clamping adaptor Ø 56 mm

TECHNICAL DATA

Transmission:	1 speed transmission
Nominal speed:	1150 rpm
Drilling range in mm:	Ø 32 - 200
Voltage:	230 V
Rated input/output:	2,500 Watt / 1,800 Watt
Charging rate:	8.5 A
Minimum distance to wall:	40 mm from drill hole centre
Minimum distance to corner:	40 mm from drill hole centre
Weight:	5.8 kg



4-part set (No. FF40185) includes: Drill motor RODIADRILL 1800 DRY incl. transport case (No. FF60185), spanner size 24 and size 36 (No. FF70024 / No. FF70036)

Model	kg	No.
RODIADRILL 1800 DRY set	5.80	FF40185

Dust free use



ACCESSORIES



Description	kg	No.	Description	kg	No.
Centering pin as drill support, 300 mm	0.33	FF03300	Socket drill bit Ø 68 mm	0.20	FF03168
Centering pin as drill support, 400 mm	0.35	FF03301	Socket drill bit Ø 82 mm	0.30	FF03182
Centering tip "Quick Out" I. V. M. FF35097	0.10	FF35096	Dry cleaner RODIA DC 1200	10.80	FF35148
Adaptor G 1/2" for M16	0.10	FF35097	Transport case RODIADRILL 1800 DRY	4.40	FF60185

Drill bits 44, 45, 46, 47, 48

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RODIADRILL Ceramic RODIADRILL Ceramic ECO



Ø 67

2

Hand-operated wet drilling, drill Ø 6 - 67 mm

Ideally suited for HVAC&R, plumbing professionals, tilers, stair builders, remodelling specialists as well as electricians.

Everywhere where jolt-free operation is necessary and extremely hard materials need to be processed.

Product Profile

APPLICATION AREA

Hand-operated wet drilling in:
(reinforced) concrete Ø 6 - 35 mm, marble, granite, ceramic tiles, masonry, hollow brickwork and glass Ø 6 - 67 mm

KEY FEATURES

- For all common G 1/2" drill bits
- Fatigue-free operation with the light weight
- Also drills through material combinations (for example tiles + masonry) without damaging material or surfaces and without cumbersome tool change
- "Aqua-Stop Button" with quantity adjustment
- Ideal for serial drilling with the external water supply
- Toolless exchange of the drill bits with the Quick Change system
- Integrated 1 litre water tank for 4-6 drill holes

TECHNICAL DATA

2-speed transmission:	1. Gear speed	2. Gear speed
Nominal speed:	3,600 rpm	6,400 rpm
Drilling range in mm:	Ø 25 - 67	Ø 6 - 25
Voltage:	230 V	
Rated input/output:	1,150 Watt / 800 Watt	
Charging rate:	3.6 A	
Maximum drilling depth:	400 mm (depending on material)	
Minimum distance to wall:	30 mm from drill hole centre	
Minimum distance to corner:	30 mm from drill hole centre	
Weight	3.4 kg Ceramic 3.2 kg Ceramic ECO	
Stationary:	Ø 67 mm (Ceramic ECO)*	

*Only in tiles! Otherwise max. 35 mm in concrete.

Integrated 1 litre water tank

Sufficient supply for 4 - 6 drill holes and can be rotated when working in confined spaces

Quick Change System drill bit adaptor

Toolless quick change for G 1/2" drill bits

Connection for external water supply

Ideal solution for serial drillings



"Aqua-Stop Button" – water pressure valve with quantity adjustment

Perfectly regulated flow of the water quantity

Clean drilling of tiles



Drilling of the hardest materials



You will find special drill bits for RODIADRILL Ceramic on page 45!



7-part set (No. FF40150) includes: Drill motor RODIADRILL Ceramic (No. FF40150P), 1 high speed plus drill bit each Ø 6 - 8 - 10 mm (No. FF44806, FF44808, FF44810), spanners sizes 24 and 27 (No. FF70024, FF70027), transport case (No. FF60150)

Model	kg	No.
RODIADRILL Ceramic set	3.4	FF40150