

# An easy choice

## Hilti DD 130 diamond coring system



One machine does it all!  
Whether used wet or dry, on  
the drill stand or hand-held,  
the Hilti DD130 enables you  
to make anchor holes and  
through holes with unprece-  
dented ease and efficiency.



# Professionals do it for themselves!

The Hilti DD 130 simply makes diamond coring easier than ever. This universal system is the ideal "drill-it-yourself" solution for construction professionals. It is an easy alternative that puts all the advantages of diamond coring in your own hands. With a wide range of applications on a variety of materials, the Hilti DD 130 is the answer for drilling holes up to 162 mm in masonry and up to 152 mm in reinforced concrete.



**Heating system installer (Germany):**  
"I always used to think that diamond coring equipment was complicated and expensive. However, the DD 130 simply does everything: dry drilling, wet drilling, hand-held for quick jobs or set up on the drill stand for comfort."

## Incredibly simple, amazingly versatile

### Versatile

- Drills quickly and neatly in reinforced concrete, natural stone, masonry and asphalt
- For through holes up to 152 mm diameter in concrete and 162 mm in masonry
- Can be used hand-held or mounted on a drill stand
- Designed for both wet and dry coring without modification
- Drill stand baseplate designed for vacuum attachment, anchor fastening and bracing

### Simple

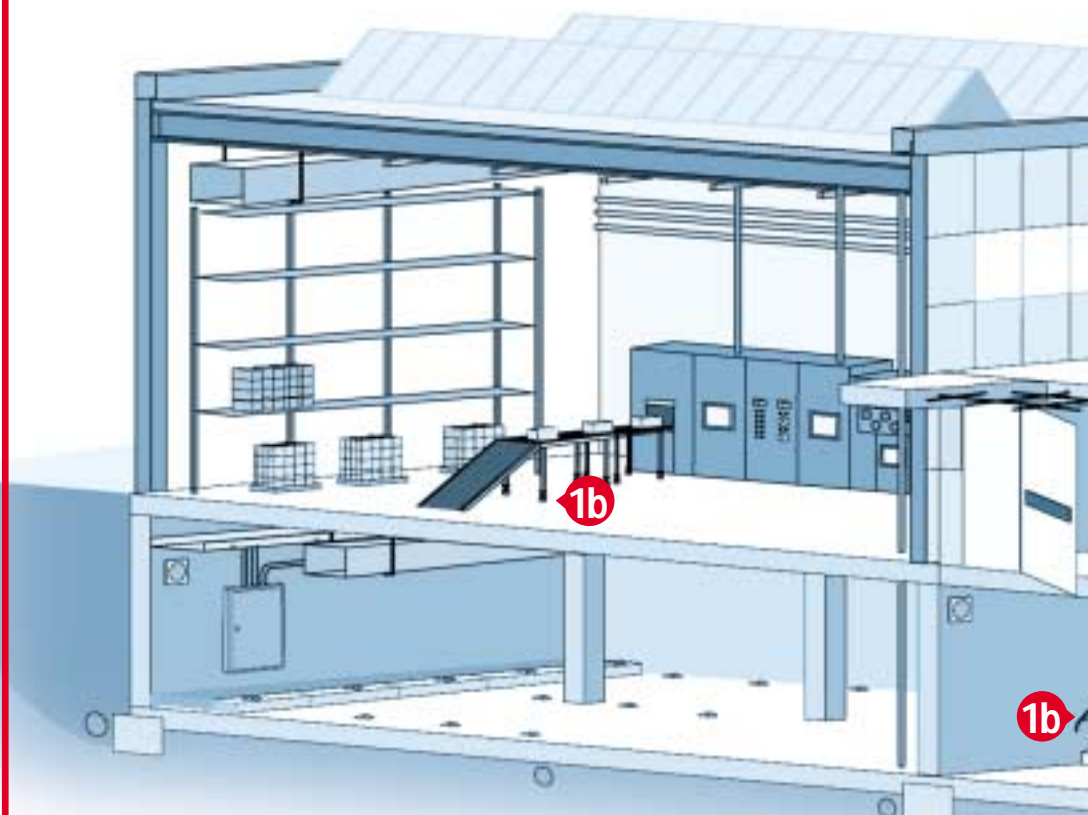
- Mobile and efficient: can be set-up and operated easily by a single person
- Water flow conveniently controlled on the side handle
- Simple click-action for attaching the DD 130 to the drill stand
- Wet and dry coring without any modification
- Quick-release, keyless chuck system
- The drill-stand is easily adjusted to permit coring at angles

### Powerful

- High-performance 1900 W motor with plenty of power in reserve
- 3-speed gearing provides optimum drilling performance for each diameter and material



**Building maintenance (USA)**  
"It was the versatility of the DD 130 combined with Hilti core bits that convinced me – we use it to drill through reinforced concrete as well as brick and natural stone."



**HILTI**





### Metal construction (Italy)

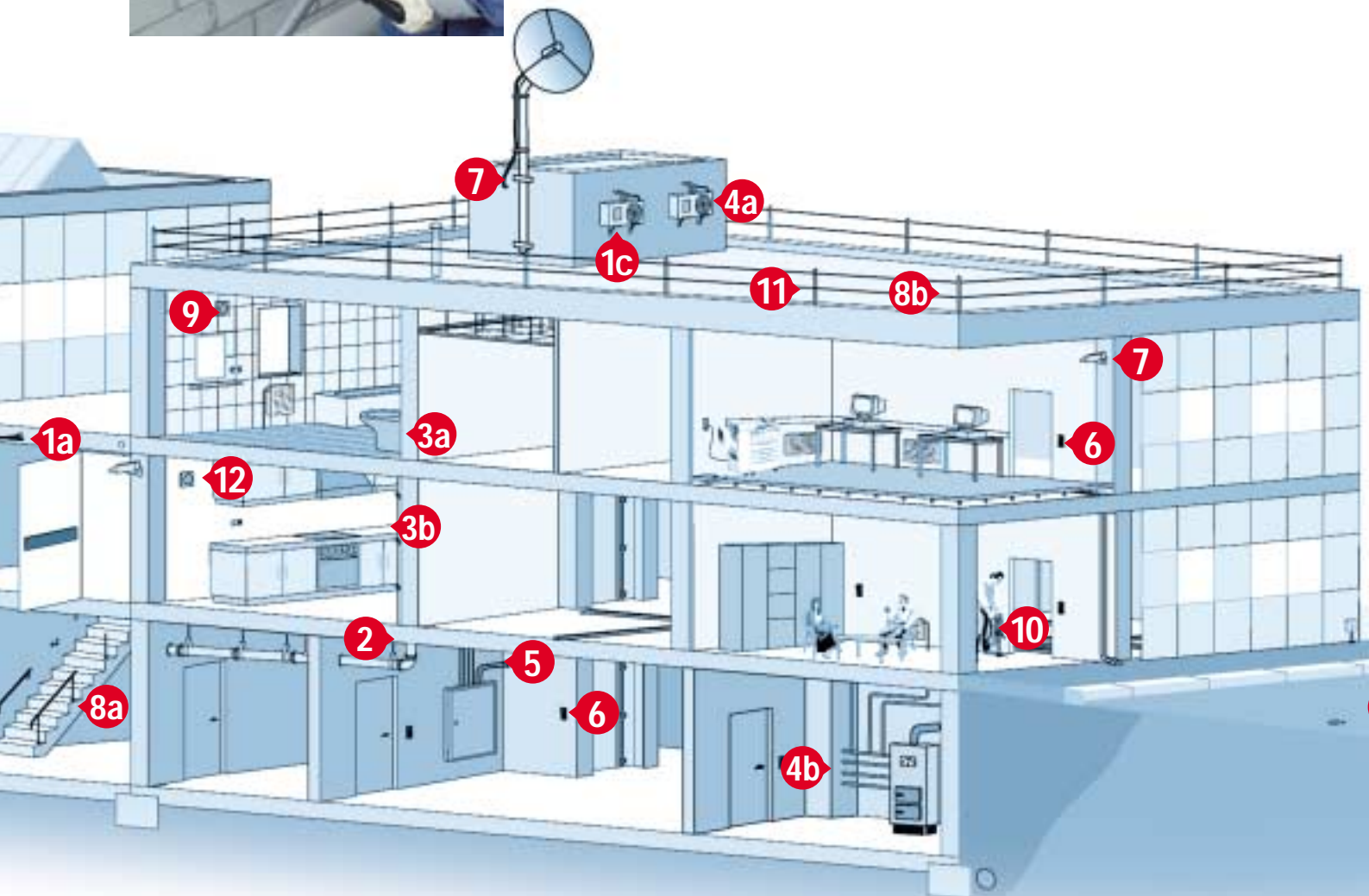
"We now use the DD130 to do our own coring, even the bigger jobs. Because it's so quick and easy, it saves money and we have greater control."



### Tool rental service (England)

"At last we have a versatile coring tool that customers of all kinds are able to use without difficulty. Thanks to it's rugged design, the DD130 is able to stand up to the rough conditions on the job site."

No.	Application	Application variations
1	Anchor holes	a) Starter bars b) Mechanical anchors c) Adhesive anchors
2	Test core	
3	Plumbing penetrations	a) Waste b) Water
4	Heating penetrations	a) Air-conditioning b) Heating
5	Electrical penetrations	
6	Electrical socket cutting	
7	Telecom penetrations	
8	Railings	a) Stairs b) Balconies
9	Penetrations in brittle materials	
10	Penetrations in inhabited buildings	
11	Penetrations close to surface edges	
12	Ventilation penetrations	
13	Road and signage applications	



# Change to your advantage.



The Hilti DD-B high-performance core bits are perfect partners to the Hilti DD 130. They were developed specifically for the performance range and application field of the new Hilti coring machine.

The more reinforcement in concrete, the better their performance relative to other core bits. They cut through rebar without any problem.

Hilti coring specialists offer you comprehensive advice, training and continual service. After all, your satisfaction with our innovative diamond drilling system is what counts for us.





## Powerful

Due to the innovative diamond matrix, coring is amazingly quick and the life expectancy extremely long. Laser-welded diamond segments give you the assurance of top quality.

## DD 130 core bit selection guide







**Hand-held diamond core bits: 8–62 mm dia.**

- HWC**  For use in hand-held machines for water-cooled drilling in reinforced concrete.
- HDM**  For use in hand-held machines for air-cooled drilling in masonry.



**For water-cooled coring in drilling rigs**

**Diamond core bits: 12–152 mm dia.**

- P2**  For use in drilling rigs for water-cooled drilling in reinforced concrete with low abrasion. Characteristics: high speed and good lifetime. Core bit diameter range: 25–92 mm dia.
- P130**  For use in DD 130 drilling rigs for water-cooled drilling in reinforced concrete. Characteristics: optimized for DD 130 tool. Core bit diameter range: 102–152 mm dia.
- P4**  For use in drilling rigs for water-cooled drilling in reinforced concrete with medium abrasion and high quartz content. Characteristics: good speed and high lifetime. Core bit diameter range: 12–92 mm dia.
- P6**  For use in drilling rigs for water-cooled drilling in reinforced concrete with high abrasion and high flint content. Characteristics: optimum performance under extreme conditions on flint concrete. Core bit diameter range: 25–92 mm dia.



**Wet and dry – for more flexibility**

The Hilti DD 130 can be used for wet or dry drilling in a wide variety of materials without the need for any modification or change of parts.



**Open – insert – close**

The BI+ connection end combines the Hilti DD 130 with the Hilti DD-B series of superior performance core bits to form an unbeatable team – a keyless system that makes changing of core bits a matter of seconds. No additional tools are required.



**Steady and convenient**

Click and drill: The mobile, hand-held Hilti DD 130 can be mounted on the drill stand in a flash, giving the user comfort and convenience when coring large diameter holes.

**Technical data**

Voltage:	110 V	120 V	230 V	240V
Nominal power:	1700 W	1800 W	1900 W	1900 W
Nominal current:	16 A	15 A	8.7 A	8.3 A
Frequency:	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Weight:	DD 130 tool	7.7 kg		
	DD130 rig	13 kg		
Speed (no load):	1 <sup>st</sup> gear	780 r.p.m.		
	2 <sup>nd</sup> gear	1400 r.p.m.		
	3 <sup>rd</sup> gear	2600 r.p.m.		
Diameter range:				
wet	1 <sup>st</sup> gear	57–152 mm		
	2 <sup>nd</sup> gear	28– 52 mm		
	3 <sup>rd</sup> gear	12– 25 mm		
dry	1 <sup>st</sup> gear	122–162 mm		
	2 <sup>nd</sup> gear	67–122 mm		
	3 <sup>rd</sup> gear	12– 62 mm		
Chuck type:	Quick-release BI+			
Min. access to walls:	40 mm from the center of the hole			
Min. access to corners:	57 mm from the center of the hole			
Max. stroke (rig):	430 mm			



# DD 130 diamond drilling system

## DD 130 tool

Ordering designation

**DD 130 tool**

Including: impact-resistant toolbox, safety glasses, Hilti spray, operating instructions

Item no.

**000000/0**



## DD 130 drill stand

Ordering designation

**DD 130 drill stand**

Item no.

**370461/6**



## Securing the rig

### Vacuum attachment

Ordering designation

**DD-VP 4.5 vacuum pump (light)**

**DD-VPX vacuum pump**

Item no.

**00000/0**

**00000/0**

### Anchor fastening

Ordering designation

**DD-CN-SML clamping nut**

**DD-CS M12S-SM clamping spindle (short)**

**HKD-D M12×50 anchor (50 per box)**

**HSD-G M12½ anchor setting tool**

**Quick-release bracing spindle**

Item no.

**251834/8**

**251830/6**

**252961/8**

**243743/2**

**9870/7**



DD-CS-M12



DD-CN-SML

## Water collector systems

Ordering designation

**DD 130 WCS-H water collector system (hand-held)**

Including: water collector holder, water collector ring, 3 m hose, centering rings, universal splash protector and 2 vacuum attachments

Item no.

**370462/4**

Ordering designation

**DD 130 WCS-R water collector system (rig)**

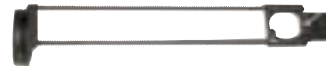
Including: water collector holder, water collector ring, seal adaptor, 3 m hose, 2 universal splash protectors and 2 vacuum attachments

Item no.

**370460/8**



Quick-release bracing spindle



Water collector holder (hand-held)



Water collector ring (hand-held)



Water collector ring (rig)



Water collector holder (rig)



Seal adaptor (rig)



Sealing disc

## Sealing discs

### Rig drilling

Ordering designation

Item no.

**Sealing disc 8 mm**

**50230/2**

**Sealing disc 10–12 mm**

**50231/0**

**Sealing disc 14–16 mm**

**50232/8**

**Sealing disc 18–20 mm**

**50233/6**

**Sealing disc 24–25 mm**

**50235/1**

**Sealing disc 28–30 mm**

**50236/9**

**Sealing disc 32 mm**

**50237/7**

**Sealing disc 37–42 mm**

**50238/5**

**Sealing disc 47–56 mm**

**46103/8**

**Sealing disc 62–72 mm**

**46104/6**

**Sealing disc 77–87 mm**

**46105/3**

**Sealing disc 92–102 mm**

**46106/1**

**Sealing disc 107–117 mm**

**46107/9**

**Sealing disc 122–132 mm**

**46108/7**

### Hand-held drilling

Ordering designation

Item no.

**Sealing disc set 8–42 mm**

**261055/8**

**DD-SW-8-S sealing disc**

**207303/9**

**DD-SW-10/12-S sealing disc**

**207304/7**

**DD-SW-14/16-S sealing disc**

**207305/4**

**DD-SW-18/22-S sealing disc**

**207306/2**

**DD-SW-24/25-S sealing disc**

**207307/0**

**DD-SW-28/30-S sealing disc**

**207308/8**

**DD-SW-32/40-S sealing disc**

**207309/6**

**DD-SW-42-S sealing disc**

**207310/4**

**DD-SW-47/56- sealing disc**

**207311/2**

**DD-SW-62/72-S sealing disc**

**207312/0**

## Additional accessories

Ordering designation

**DD-BW wheel assembly**

**Core bit extension BI+**

**Water supply unit (10 l with 3.5 m hose)**

Item no.

**232228/7**

**00000/0**

**9829/3**



DD-BW wheel assembly



BI+ core bit extension



Hilti Corporation  
FL-9494 Schaan  
Principality of Liechtenstein

[www.hilti.com](http://www.hilti.com)