

DD 130 diamond drilling system

Applications

- Precise holes in reinforced concrete, natural stone, masonry and asphalt; for cables, pipes, ventilation, test cores and anchors

Advantages of motor unit

- Can be used both handheld and on a rig
- Can be used for both wet and dry diamond coring without modification
- Safety features include: safety slip clutch; ground fault interrupter (PRCD), electronic speed regulator; overload current regulator and integrated starting current regulator; thermal motor protector
- Easy to use and understand
- Leveling bubble for accurate hole-starting
- Quick-lock connection end for fast insert and removal of core bits
- Compatible with innovative Hilti DD-B and PCD core bits

Advantages of drill stand

- Comfortable drilling posture maintained throughout coring process
- Quick-lock motor mount mechanism for simplicity and speed
- Cores at angles up to 45 degrees quickly and easily and without the need for any additional tools
- Suitable for anchor, vacuum and brace fastening without any modification or alteration
- Easy access for coring in corners and against walls

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 st gear	780 r.p.m.		
	2 nd gear	1400 r.p.m.		
	3 rd gear	2600 r.p.m.		
Diameter range:				
wet	1 st gear	57–152 mm		
	2 nd gear	28– 52 mm		
	3 rd gear	12– 25 mm		
dry	1 st gear	122–162 mm		
	2 nd gear	67–122 mm		
	3 rd 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			



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.



Heating systems 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."



Metal construction (Italy): "We now use the DD 130 to do our own coring, even the bigger jobs. Because it's so quick and easy, it saves money and we have greater control."



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."



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 its rugged design, the DD 130 is able to stand up to the rough conditions on the job site."

HK*: Special order in Hong Kong SAR

TW*: Special order in Taiwan

CN*: Special order in China Mainland

DD 130 tool

Ordering designation	Item no.
DD 130 tool(230V)	370455 TW*,CN*
DD 130 tool(110V)	372452 HK*,CN*
DD 130 tool(220V)	374290 HK*,TW*

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



DD 130 drill stand

Ordering designation	Item no.
DD 130 drill stand	370461



Securing the rig

Vacuum attachment

Ordering designation	Item no.
DD-VP 4.5 vacuum pump (light)	47038 TW*,CN*
DD-VPX vacuum pump	332158

Anchor fastening

Ordering designation	Item no.
DD-CN-SML clamping nut	251834
DD-CS M12S-SM clamping spindle (short)	251830
Quick-release bracing spindle	9870



DD-CS-M12



DD-CN-SML

Water collector systems

Ordering designation	Item no.
DD 130 WCS-H water collector system (hand-held)	370462

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

Ordering designation	Item no.
DD 130 WCS-R water collector system (rig)	370460

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



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	Item no.	Hand-held drilling	Item no.
Sealing disc 8 mm	50230 HK*,TW*,CN*	Sealing disc set 8-42 mm	261055 HK*,TW*,CN*
Sealing disc 10-12 mm	50231 HK*,TW*,CN*	DD-SW-8-S sealing disc	207303 HK*,TW*,CN*
Sealing disc 14-16 mm	50232 HK*,TW*,CN*	DD-SW-10/12-S sealing disc	207304 HK*,TW*,CN*
Sealing disc 18-20 mm	50233 HK*,TW*,CN*	DD-SW-14/16-S sealing disc	207305 HK*,TW*,CN*
Sealing disc 24-25 mm	50235 HK*,TW*,CN*	DD-SW-18/22-S sealing disc	207306 HK*,TW*,CN*
Sealing disc 28-30mm	50236 HK*,TW*,CN*	DD-SW-24/25-S sealing disc	207307 HK*,TW*,CN*
Sealing disc 32 mm	50237 HK*,TW*,CN*	DD-SW-28/30-S sealing disc	207308 HK*,TW*,CN*
Sealing disc 37-42mm	50238 HK*,TW*,CN*	DD-SW-32/40-S sealing disc	207309 HK*,TW*,CN*
Sealing disc 47-56mm	46103 HK*,TW*,CN*	DD-SW-42-S sealing disc	207310 HK*,TW*,CN*
Sealing disc 62-72mm	46104 HK*,TW*,CN*	DD-SW-47/56- sealing disc	207311 HK*,TW*,CN*
Sealing disc 77-87mm	46105 HK*,TW*,CN*	DD-SW-62/72-S sealing disc	207312 HK*,TW*,CN*
Sealing disc 92-102 mm	46106 HK*,TW*,CN*		
Sealing disc 107-117 mm	46107 HK*,TW*,CN*		
Sealing disc 122-132 mm	46108 HK*,TW*,CN*		

Additional accessories

Ordering designation	Item no.
DD-BW wheel assembly	232228
Core bit extension BI+	373423
Water supply unit (10 l with 3.5 m hose)	9829



DD-BW wheel assembly



BI+ core bit extension