



CORE DRILLING **electric**

Convincing advantages

- Efficient, reliable and good value
- User-friendly
- System-optimised



The dry
core drilling system
C18T



The perfectly matched dry core drilling system.

The wet/dry
core drilling system
C22NT






The handy, compact, portable core drilling machine for universal use.

Details / features

	Drilling adapter: Fitting adapter: 5/8" - M16. Center Drill
	Suction adapter: Adapter which allows dry drilling, together with dry suction. Fitting: 5/8" - 1 1/4"
	Suction adapter: Adapter which allows dry drilling, together with dry suction. Fitting: 5/8" - M16

Details / features

	Simple drilling: This handy, compact core drilling machine allows an efficient method of working with continuous operation
	Efficient drilling: Efficient drilling across a wide spectrum: wet as well as dry, hand guided or by means of a core drill rig from, 20 – 250 mm
	Multi-function electronics: The multi-function electronics do not switch off in the case of an overload, but adjust individually according to the current

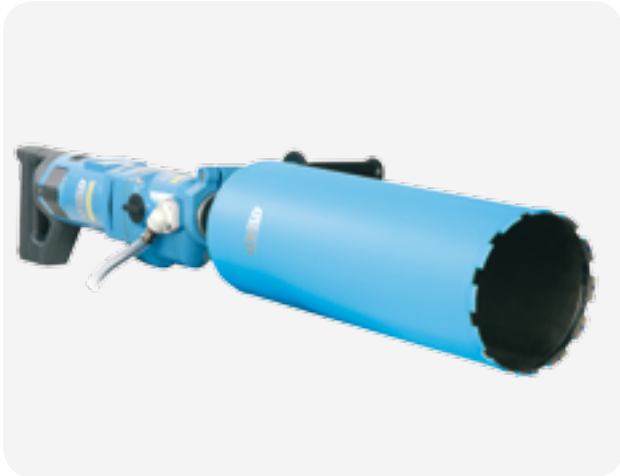
C18T

Drill motor	C18T
Power	1800 W
Speed (rpm)	1300
Drilling Ø in concrete	30 – 162 mm
Weight	4.6 kg

C22NT

Drill motor	C22NT
Power	2200 W
Speed (rpm)	750/1800/2500
Drilling Ø in concrete	20 – 150 mm
Drilling Ø abrasive	20 – 250 mm
Weight	7.3 kg

The wet core drilling system
C22N



The high-performance portable drilling machine for every-day use.

Details / features



Gears:
Ensures optimal cutting speeds are maintained by means of an additional 3-speed gearbox



Dual thread:
Dual thread R 1/2" & G 1 1/4" for universal use



Handle:
Multi-functional handle for left or right-handed users. Adjustable for all positions, whether vertical, horizontal or overhead.

The Starter

HCCB-2/C22NT



The compact and handy Starter core drilling system.

Details / features



Precise drilling:
Replaceable and adjustable precision guides in an extra long column



Simple drilling:
Vacuum fixing



Precise and clean drilling:
Spot drilling aid, drill depth stop, water collection ring

C22N

Drill motor	C22N
Power	2200 W
Speed (rpm)	750/1800/2500
Drilling Ø in concrete	20 – 150 mm
Drilling Ø abrasive	20 – 250 mm
Weight	7.3 kg

HCCB-2

Drill rig	HCCB-2
Max. drilling Ø	130 mm
Max. drill bit length	455 mm
Weight	6 kg
Recommended drill motor	C22NT / C22N

The Lightest

HCCB-4/C22N



The lightest, handiest core drilling system.




The Reliable

HCCB-5/C25S C34S/C34S4





The reliable core drilling system for every-day use.

Details / features

	Flexible drilling: Angular adjustment 90° – 45°
	Simple drilling: Vacuum fixing – Drilling without dowel fixing
	Fast drilling: Centre indicator for fast alignment

Details / features

	Compact drilling: With steel dowel foot, for use where space is limited
	Ergonomic drilling: Effortless fine feed gear
	ModulDrill®: Fast and secure drill motor mounting

HCCB-4

Drill rig	HCCB-4
Max. drilling Ø	160 mm
Max. drill bit length	590 mm
Weight	7 kg
Recommended drill motor	C22NT / C22N

HCCB-5

Drill rig	HCCB-5
Max. drilling Ø	250 mm
Max. drill bit length	590 mm
Weight	14 kg
Recommended drill motor	C25S / C34S / C34S4

Technical data

Core drilling motors	C18T	C22NT	C22N	C25S	C34S	C34S4
Drives						
Drilling Ø in concrete		20-150 mm	20-150 mm	35-220 mm	30-375 mm	25-450 mm
Drilling Ø abrasive	30-162 mm	20-250 mm	20-250 mm			
Power consumption	1800 W	2200 W	2200 W	2570 W	3420 W	3420 W
Power output	1000 W	1470 W	1470 W	1580 W	2220 W	2220 W
Nominal current	8,4 A	10 A	10 A	12 A	16 A	16 A
Nom. voltage/frequency (standard)	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz
Nom. voltage/frequency (optional)	115 V/50 Hz	115 V/50 Hz	115 V/50 Hz	115 V/50 Hz	115 V/50 Hz	115 V/50 Hz
Air cooling	•	•	•	•	•	•
Speed (rpm) (standard)	1300	750 / 1800 / 2500	750 / 1800 / 2500	520 / 880 / 1230	350 / 800 / 1475	330 / 560 / 920 / 1530
Fittings						
Tool fitting - External thread	5/8"	1 ¼"	1 ¼"	1 ¼"	1 ¼"	1 ¼"
Tool fitting - Internal thread		R ½"	R ½"			
Safety						
Multi-function electronics		•	•	•	•	•
Protective motor switch	•	•	•	•	•	•
PRCD protective switch		•	•	•	•	•
Mounting						
Universal mounting plate				•	•	•
ModulDrill® mounting plate				+	+	+
Clamping collar	60 mm	60 mm	60 mm			
General						
Overall length	405 mm	500 mm	550 mm	535 mm	515 mm	570 mm
Weight	4.6 kg	7.5 kg	7.3 kg	9.5 kg	12.5 kg	14 kg

Core drill rig	HCCB-2	HCCB-4	HCCB-5D	HCCB-5V
System				
Drill bit max. Ø without water collection ring	130 mm	160 mm	250 mm	250 mm
Drill bit max. Ø without water collection ring with ModulDrill® distance plate 180 mm	130 mm	160 mm	400 mm	400 mm
Drill bit max. Ø with water collection ring	70 mm	130 mm	220 mm	220 mm
Drill bit length max. incl. adapter	455 mm	590 mm	610 mm	590 mm
Dowel vacuum foot	Aluminium	Aluminium		Aluminium
Dowel foot			Steel	
Fine-gear feed (i=1:3.5)			+	+
Feed	Toothed rack/hand crank	Toothed rack/hand crank star wheel	(HCCB-5DG) extra-wide toothed rack/hand crank star wheel	(HCCB-5VG) extra-wide toothed rack/hand crank star wheel
Angular adjustment 90° – 45°		•	•	•
Centre indicator, pivots inward		•	•	•
Adjustable feet	M 12	M 12	M 12	M 12
Precision guides replaceable and re-adjustable	•	•	•	•
Handle	•	•	•	•
Levelling with spirit level		•		
General				
Dimensions in mm (L x B x H)	300 x 200 x 670	430 x 200 x 880	340 x 200 x 940	460 x 280 x 910
Weight	6 kg	7 kg	17 kg	14 kg

- Standard equipment
- + Additional equipment

Technical data is subject to change

● Series

● Additional equipment



	HCCB-2	HCCB-4	HCCB-5D	HCCB-5V
C18T	●	●		
C22NT	●	●		
C22N	●	●		
C25S			●	●
C34S/C34S4			●	●
Clamping collar Ø 60 mm	●	●		
ModulDrill® support			●	●
ModulDrill® mounting plate			●	●
Water collection ring kit	●	●		●
Vacuum kit	●	●		●
Undercarriage			●	●
Gripping brace			●	●
Quick-change clamping brace	●	●	●	●
Drill bit extensions	●	●	●	●
Anchoring elements	●	●	●	●

PREMIUM ★★

High-power tools for everyday use - with even more features!

- Up to 40% improvement in performance, plus
- Universal use
- Revolutionary design

Application CDL***

Drive power: up to 3 kW drive power
Concrete properties: slightly to moderately abrasive

Application CDM***

Drive power: from 3 kW drive power
Concrete properties: moderately to severely abrasive

● Additional equipment

	C18T	C22NT	C22N	C25S	C34S/C34S4
Clamping collar Ø 60 mm	●	●	●		
ModulDrill® mounting plate				●	●
Drilling adapter Center drill (dry)	●				
Suction adapter dry, 1 1/4"	●				
Suction adapter dry, M16	●				
Vacuum systems	●				

Advice on the use of diamond tools

Hole saws

Use dry – no coolant is necessary. Suitable for use in dry and percussion drilling machines from 1100-1800W.

Warning! Do not use an electro-pneumatic hammer drill!



Wet drilling bits

Ensure that the mounting of both the drill motor and the drill rig is rigid and secure insufficient mounting will result in vibration and lead to reduced drilling speeds and increased wear.

Select the optimum drive unit and peripheral speed according to the drill diameter (concrete 2-3 m/s).

Reduce the contact pressure and peripheral speed when drilling through reinforcing bars (In the case of heavy reinforcement approx. 1.5m/s).

In case of very abrasive materials increase the peripheral speed (approx. 3.5m/s).

Check the water feed; set the water quantity so that the flushing water appears "milky".

STANDARD ★ ★

Quality tools for everyday use

- Convincing power
- Universal use
- Consistent quality for reliability and safety

Application CDL**

Drive power: up to 3 kW drive power
Concrete properties: slightly to moderately abrasive

Application CDM**

Drive power: from 3 kW drive power
Concrete properties: moderately to severely abrasive





ISO 9001:2000 Nr. 265/1
VDA 6.4 Nr. 004/1
ISO 14001 Nr. 162/1

