B+BTEC introduce a complete new line of drilling systems, anchoring and saws. These machines are entirely designed, manufactured and assembled in our production facilities in the Netherlands and packed with new quality features.

The B+BTEC R&D Division has developed a wide range of Bonds (the metal in which the diamond crystals are sintered) that are engineered for optimal cutting performance and blade life in Concrete, Brick, Masonry and Porotherm Brick & Blocks and are specially designed for today’s construction materials that, due to their configuration or size, are difficult or impossible to cut using traditional methods.

www.bbtectools.com

**DIAMOND CORE DRILLING SYSTEMS**

1. Powerful 2.000W Drill Motor with PULSE™ Electronic Motor Protection
2. 360° Auxiliary Handle
3. Full Range of HiSpeed Diamond Core Bits
4. Optional Dry Drilling Kit allows for Continued Alternating Dry or Wet Drilling
6. LED Motor Overload Protection System
7. Water Levels aid the operator in keeping the machine level
8. 3-Speed Gearing for optimal drilling Performance at any Diameter.
9. Water Valve facing backwards to prevent damage
10. Professional Grade Aluminum Motor Housing
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<td>Wet &amp; Dry Drilling, Motor: 2.000W, 3 Speed Gearing</td>
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<td>Karat® 130-MG</td>
<td>Ø8 - 132 mm</td>
<td>Wet &amp; Dry Drilling, Motor: 2.000W, 3 Speed Gearing</td>
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KARAT® 130-BG
Professional Diamond Hand Drilling Unit for Wet and Dry* use

- Powerful 2.000W Motor.
- One machine for Wet or Dry* Coring.
- LED motor-overload Indication.
- PULSE™ Electronic Motor Protection System
- Aluminum Motor Housing
- Digital Read-Out of Machine Load and Operating Hours (optional)
- Aluminum Back Grip
- Can be used on Drill Stand*.
- Weight 7.5 kg.

Supplied with:
- Safety Clutch
- PRCD Switch
- Carrying Case
- Tool Set
- Operating Manual

KARAT® 130-MG
Professional Diamond Hand Drilling Unit for Wet and Dry* use

- Powerful 2.000W Motor.
- One machine for Wet or Dry* Coring.
- LED motor-overload Indication.
- PULSE™ Electronic Motor Protection System
- Aluminum Motor Housing
- Digital Read-Out of Machine Load and Operating Hours (optional)
- Mid-Grip
- Can be used on Drill Stand*.
- Weight 7.5 kg.

Supplied with:
- Safety Clutch
- PRCD Switch
- Carrying Case
- Tool Set
- Operating Manual

* = Dry drilling kit and Drill stand are optional.
**KARAT® 130**

**Dry Drilling Kit:**
Transform the Karat 130-BG or 130-MG into a Dry Drilling Unit. Allows for Continued, Alternating Wet and Dry use.
Threading: 1 ¼”
Qty./1 Part Nr.: 2.000.134

**Hand Grip:**
Additional Coated Aluminum Back Grip. For Karat 130-BG only.
For greater operator comfort and precision when hand drilling vertical holes.
Qty./1 Part Nr.: 2.000.132

**Drill Stand:**
equipped with Dovetail Guide-Way, Slide, Centering Device and Drilling Depth Indication, Quick Snap Reversible Downfeed Spindle (Left - Right).
For Karat 130-BG and 130-MG
Part Nr.: 2.000.131

**Vacuum Kit:**
For the fastening of the drill stand using a vacuum pump. Incl. vacuum rubber for the drill stand
Qty./1 Part Nr.: 2.164.009
Vacuum Pump: for the fastening of the drill stand. Requires the optional Vacuum Kit.
Qty./1 Part Nr.: 2.100.002

**QUALITY FEATURES**

1. Protective Brackets
3. Full Range of HiSpeed Diamond Core Bits
4. Dovetail Guide-Way
5. Quick Release Slide (Karat 300 only)
8. Engraved Drilling Depth Indication.
9. Anchoring Assembly/Centerpen
10. Column Tiltable Angle Drilling up to 45˚
11. Transportation Wheels
12. Waterflow Indication
13. Mounting option for Jack Screw
14. LED Overload Protection System
15. 3-Speed Gearing for Optimal Drilling Performance at any Diameter
16. Water Valve
17. Centering Device
KARAT® 164

Karat® 164 Professional Diamond Core Drilling Rig:
- Powerful 2.000W Motor.
- With Centering Device and Drilling Depth Indication.
- LED Overload Protection System.
- Digital Read-Out of Machine Load and Operating Hours (optional)
- PULSE™ Electronic Motor Protection System
- For Anchor and Conduit holes up to Ø164 mm.
- Weight 22.5 kg.

Supplied with:
- Safety Clutch
- PRCD (GFCI) Switch
- Waterflow Indication
- Dovetail Guide-Way
- Anchoring Assembly/Centerpen
- Tool Set
- Operating Manual

Technical Data:
Motor: 3-Speed/230V/50-60Hz/2000W
Bit Range: [mm] Ø 10 - 164
Drilling Depth: [mm] standard 400
Spindle Threading: ½” - 1 ¼”
Column Tiltable: up to 45°
Weight: [kg] 22.5 kg.
Dimensions: [mm] 500 x 230 x 770

KARAT® 300

Karat® 300 Professional Diamond Core Drilling Rig
- Powerful 2.400W Motor.
- With Centering Device and Drilling Depth Indication.
- LED Overload Protection System.
- Digital Read-Out of Machine Load and Operating Hours (optional)
- PULSE™ Electronic Motor Protection System.
- For Conduit holes up to Ø300 mm.
- Weight 30 kg.

Supplied with:
- Safety Clutch
- PRCD (GFCI) Switch
- Waterflow Indication
- Dovetail Guide-Way
- Anchoring Assembly/Centerpen
- Tool Set
- Operating Manual

Technical Data:
Motor: 3-Speed/230V/50-60Hz/2400W
Bit Range max.: Ø 25 - 300 mm
Bit Range optimal: Ø 25 - 250 mm
Drilling Depth: standard 400 mm
Spindle Threading: ½” (adapter) - 1 ¼”
Column Tiltable: up to 45°
Weight: 30 kg.
Dimensions (L x W x H): 530 x 275 x 775 mm
CONCRETE CORING
KARAT MODULES

DRILL MOTORS & SLIDES

A Karat 130BG: Powerful 2.000W Handheld Diamond Core Drilling Unit. Aluminum Motor Housing. 3-Speed Gearing.

B Karat 130MG: Powerful 2.000W Handheld Diamond Core Drilling Unit. Aluminum Motor Housing. 3-Speed Gearing.

DRILL MOTORS & SLIDES

C Karat 164: Motor/Gearbox/Slide, complete. 2.000W for Bit Range Ø10 - Ø164 mm.

D Karat 300: Powerful 2.400 W Drill Motor complete with 3-Speed Gearbox and Quick Release Slide. Supplied with Tool Set and Adapter for 1/2” Bits. Bit Range Ø25 - Ø300 mm.
**DRILL MOTORS & SLIDES**

**E** Slide Karat 130: For Karat 130BG and Karat 130MG Drill Motors. Fits on Drill Stand Compact and Large.

**F** Quick Release Slide Karat 300. For Karat 300 Drill Motors. Fits Drill Stand Large.

**DRILL MOTORS & SLIDES**

Weight: 13.9 kg. For Karat 130, 164 or 300 Drill Motors.

**H** Drill Stand Large with Wheels, stroke 1.000 mm   Same as above but with longer column.
Weight: 16.5 kg. For Karat 164 or Karat 300 Drill Motors.

**I** Drill Stand Compact: Equipped with Dovetail Guide-Way, Centering Device, Drilling Depth Indication, Supplied with Anchoring Assembly.
Weight: 9.5 kg. For Karat 130 (requires slide 2.000.138) or Karat 164 Drill Motors.

Weight: 10.3 kg. For Karat 130 Drill Motors