



Diamond Cell



THE ART OF BRILLIANT POOL WATER



Table of Contents

3	The BWT Universe: Water is our Mission
5	The Diamond Cell Exclusivity
6	Technological Excellence & Refined Design
7	Intelligent Autonomous Cleaning
9	Adaptive Smart Navigation
11	BWT Diamond Cell App Connection
12	Perfect Symbiosis
13	An Exclusive Feature of our Prestige Line
14	5 Steps to a Perfect Pool
17	Diamond Cell Specifications
18	Diamond Cell Technology
21	Get in Touch

« With the BWT Diamond Cell robot,
you're not just getting technology –
you're becoming part of a movement.
For hygienic water. For the future.
For the world.
For You and Planet Blue. »

Your BWT-Team



The BWT Universe: Water is our Mission

BWT – Best Water Technology has been dedicated to one fundamental resource for over 30 years: water. Our universe is one of innovation, excellence, and environmental commitment, with a presence in **more than 122 countries and over 6,500 passionate employees worldwide.**

Our mission is clear: preserve water, this essential yet limited resource on our planet. Only 0.78% of Earth's water is drinkable without treatment, making our commitment all the more crucial. Every day, our teams develop cutting-edge technologies **to ensure water is always available and of the highest quality possible.**

The BWT universe extends far beyond simple water treatment. It's a complete ecosystem where every innovation contributes to a more sustainable world. From drinking water to home solutions, from the pharmaceutical industry to crystal-clear pools, **our technologies meet the most demanding needs while respecting our blue planet.**



Serial number:
DC568

Authenticated by: **BWT** -
Best Water Technology

The Diamond Cell

Exclusivity

Limited edition worldwide

Each Diamond Cell is unique and individually numbered. Your certificate of authenticity attests to its membership in this exceptional series.

An exceptional jewel

Like the diamond from which it takes its name, this revolutionary technology symbolizes absolute purity, unalterable strength, and timeless elegance.

The diamond, the world's purest stone, transforms ordinary carbon into crystalline wonder.

Our Diamond Cell - combined with the Best Water Treatment Technologies - similarly transform your pool water into an experience of incomparable clarity.

A unique experience

Water treated by the Diamond Cell offers a sensation that words struggle to describe - a clarity so perfect it seems to disappear, leaving only that impression of absolute purity on your skin.

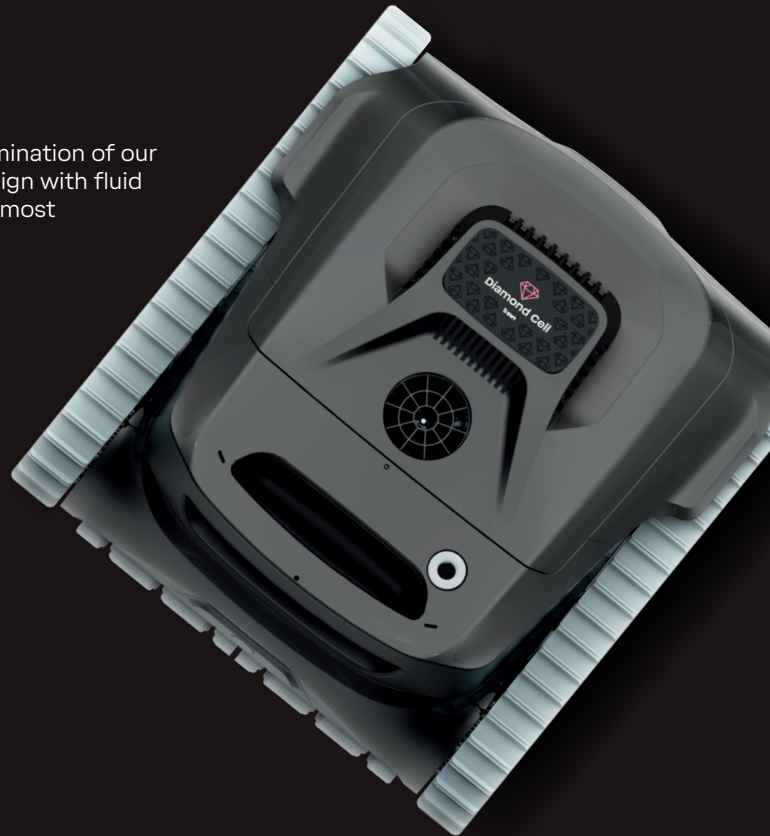
Technological **Excellence** & Refined Design

The BWT Diamond Cell robot represents the culmination of our quest for excellence in pool water treatment. Its sleek design with fluid lines conceals cutting-edge technology developed by our most talented engineers.


Each component has been selected with absolute standards:

- High-resistance polymer chassis
- Premium PVC brushes
- High-torque brushless motors
- Long life Diamond Cell with its genuine diamond coating

The exclusive deep-black finish with modern design elements accentuates the timeless elegance of this exceptional model, designed for the most prestigious environments.



Intelligent Autonomous Cleaning



The BWT Diamond Cell robot sets new standards in autonomous pool cleaning. Equipped with intelligent AI path recognition using the latest ultrasound technology, it maps your pool down to the smallest corner. Modern design meets advanced AI navigation with premium features, including a suite of smart sensors that monitor water, movement, rotation, and performance in real time, ensuring maximum efficiency and flawless cleaning every time.

Its exceptional suction power of 19 m³/h combined with Diamond Cell Technology guarantees not only impeccable cleaning but also **constant improvement of water quality** during operation.



Adaptive Smart Navigation

Intelligent AI Navigation

The BWT Diamond Cell robot uses advanced AI path recognition to precisely map your pool down to every corner. Its artificial intelligence automatically analyzes your pool layout and always selects the most efficient cleaning path.

Ultrasound Mapping

With cutting-edge ultrasound technology, the robot detects obstacles and irregularities in the water, ensuring no area is left untouched for effortless, thorough pool care.

Smart Sensor Suite

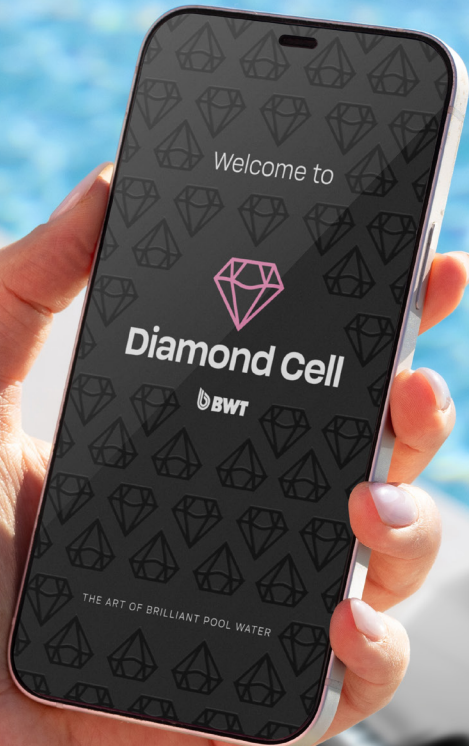
A combination of gyroscope, water, acceleration, and impeller sensors continuously monitors every movement, rotation, and performance metric of the robot. This guarantees maximum efficiency and precision with every cleaning cycle.

Premium Performance

The sensors work seamlessly with intelligent navigation to adapt the robot to your pool's unique conditions. The result: fast, thorough, and gentle cleaning without any manual effort.

Modern Design Meets Technology

All these features are integrated into a sleek, modern design that not only delivers advanced performance but also looks stylish - giving your pool the cleanest care with minimal effort.



Welcome to



Diamond Cell



THE ART OF BRILLIANT POOL WATER



BWT Diamond Cell App **Connection**



**BWT
ROBOTICS**



Take total control of your BWT Diamond Cell robot from your smartphone with the exclusive BWT Diamond Cell App.

The intuitive interface allows you to:

- Control your robot remotely
- Customize cleaning cycles according to your specific needs
- Receive real-time notifications about your pool's status
- Every cleaning cycle with an active water quality support from the Diamond Cell

Perfect Symbiosis

Benefits of the symbiosis of pool robot and water quality support with Diamond Cell

- Optimization of filtration cycles
- A smart symbiosis with every water treatment system
- Perfect water in every corner of your pool - a combination of high suction power, ultra fine filtration and the Diamond Cell Technology: perfect pool water.
- Significant energy savings through optimized overall management of resources (chemicals/ water/energy)



An Exclusive Feature of our Prestige Line



The BWT Diamond Cell robot, with its integrated Diamond Cell Technology, is exclusively reserved for our most prestigious line for several fundamental reasons:

Artisanal excellence

Each robot is hand-assembled in our center of excellence in Austria by our most experienced technicians, **guaranteeing impeccable quality.**

Exceptional materials

The use of premium components and genuine diamond coating requires **specific expertise and exclusive manufacturing processes.**

Unmatched performance

This robot's advanced technical capabilities represent **the pinnacle of our expertise**, offering results impossible to achieve with conventional models.

Cutting-edge scientific innovation

Diamond Cell Technology was born from years of experience of intensive research. Its diamond coating, applied at the nanometric scale using a patented process, **transforms the molecular properties of water.** This scientific breakthrough, developed in collaboration with renowned research institutes, **creates an unparalleled optimized aquatic environment.**

Premium service

Acquiring a BWT Diamond Cell robot gives you access to our **Platinum service program**, with priority assistance and personalized maintenance. The premium service also includes a free functional check after two years.

5 Steps to a Perfect Pool



1. Unpack

- Remove the robot and its accessories
- Check that everything is present:
 - » BWT Diamond Cell robot
 - » Floating cable
 - » Control unit
 - » Quick Start Guide



2. Connect the App

- Download the BWT Robotics App
- Enable Bluetooth and Wi-Fi
- Follow the on-screen pairing instructions



3. Prepare the Pool

- Check water level (mid-height of skimmers)
- Remove floating objects
- Place the control unit 3.5 meters from the edge
- Completely unroll the cable



4. Launch

- Immerse the robot in water
- Select the cycle via the app
- Press "Start"
- Let the robot work



5. Maintain

- Clean the filter after each use
- Rinse the robot with clean water
- Store away from sun and frost



Need help?

Our Diamond service team is at your service at the number indicated on your certificate.

A hand in a white lab coat is shown touching the surface of a swimming pool, creating ripples. A thin cable extends from the hand down to a small, dark, rectangular robotic device resting on the pool floor. The device has a textured top and a grid-like bottom. The pool water is clear blue, and the background shows a modern building with large glass windows.

BWT Diamond Cell -
Perfection at every Level

Diamond Cell Specifications

	Diamond Cell
Cleaning options	Full (floor, walls & waterline) + Floor-only + Walls & waterline only
Cleaning cycle times	Auto / 30 / 60 / 90 / 120 / 150 min (customize through app)
Cable length	18 m
Filtration system	Dual-layer, 4 L capacity
Dimensions (L x W x H)	42 x 40 x 23 cm
Swimming pool length	12 * 6 m (all shapes/finishes)
Robot weight	11.6 kg (7.5 kg main unit)
Flow Rate	4900 GPH, 19 m ³ /h
Motors	3 (2 traction + 1 pump)
Sensors	Ultra Sonic Smart Sensor + Gyroscop + Acceleration Sensor + Water Sensor + Impeller Dynamic Sensor
Beach entry detection	Included
Power supply	Wired (continuous operation) with full IoT integration and free OTA-Updates

Diamond Cell Technology



What is it?

The Diamond Cell is a ceramic cell with diamond coating, integrated into the BWT Diamond Cell robot. This exclusive innovation significantly improves your pool water quality.

The heart of this technology relies on a genuine diamond coating applied to high-density ceramic using a patented process.

How does it work?

During your pool cleaning:

- Water passes through the Diamond Cell
- The diamond coating triggers an advanced catalytic process
- This process enhances the breakdown of impurities
- Water emerges purified, with exceptional clarity and hygiene



The Benefits

Hygienic treatment and algae prevention by regular use

- Stabilizes and purifies water quality
- Inherently limits algae development
- Can reduce unpleasant odors
- Effective even in low-circulation areas in your pool
- Protects the areas where algae start growing first

Better for skin, environment and equipment by regular use

- Reduction in maintenance products
- Decrease in water renewal (backwash)
- Extends pool equipment lifespan

Longevity and low maintenance

- Ultra-resistant diamond coating
- No specific maintenance required
- Automatic operation and long life span (1500h+)

A "For You and Planet Blue" commitment

- Sustainable design using premium and recyclable materials
- Significant reduction of your pool's ecological footprint
- Energy savings through optimized filtration cycles
- Decrease in chemical waste released into the environment

A BWT Diamond exclusive

« Unique in the BWT Diamond - exclusively designed for our customers »

This patented technology, the result of several years of research, is exclusively available in our BWT Diamond Cell robot. An innovation reserved for our most prestigious range, for an uncompromising experience.





Dive into Brilliance





Diamond Cell



THE ART OF BRILLIANT POOL WATER



PLEASE SCAN
FOR OTHER
LANGUAGES



Article no. 125694551; Non-contractual document. The specifications are provided for information purposes only and are subject to change without notice. Reproduction prohibited. Do not dispose of on public roads. Produced by: BWT POOL PRODUCTS (06/2026)