

# B/S/H/

## The Berlin site

*Technologies that make  
the world go round*



BSH HAUSGERÄTE GMBH

*Resource-saving laundry care  
appliances for the whole world  
are developed at the BSH  
Technology Center Laundry Care.*



# Our site

At the BSH Hausgeräte GmbH Technology Center Laundry Care, which was opened in 2011, we are developing efficient and sustainable washing machines, tumble dryers and washerdryers for the global market. In addition to competency centers for worldwide product development, the center includes departments such as Quality Management and Industrial Engineering, as well as parts of the global Information Technology Division and Supply Chain Organization. The state-of-the-art building was designed and built in accordance with the environmental standards of the Green Building concept. This helps us in our efforts to consistently operate in an environmentally conscious way. As a result, BSH's Technology Center Laundry Care represents our commitment to sustainability and resource-efficiency.



# Our products

Our team continues to raise the bar with their technological innovations, including, for example, i-Dos – an intelligent dosing system for liquid detergent and softener. Sensors automatically detect load size, degree of soiling, and type of fabric, and then calculate the amount of detergent and water required. This allows intelligent washing machines to take care of laundry at the press of a button. Additional smart programs such as our anti-stain system guarantee great results.

The tumble dryers with heat-pump technology developed at this site mark a major milestone in resource efficiency in the home. Self-cleaning condenser technology makes cleaning condensers by hand a thing of the past – as lint is automatically removed during the drying process. These dryers therefore represent the epitome of energy efficiency – throughout their entire life cycle.

Thanks to pioneering new technologies and energy-efficient motors, the latest generations of appliances require over 60 percent less energy than the appliances of 15 years ago. In tests by the German consumer organization Stiftung Warentest, the devices we develop in Berlin regularly perform remarkably well.



## *Global firsts and innovations from Berlin*



- 2005** 15-minute wash cycle and first automatic Anti-stain system
- 2008** World's most energy-efficient dryer, using new heat-pump technology
- 2010** Washing machine with first integrated precision-dosing system (i-Dos)
- 2011** Condenser self-cleaning technology in tumble dryers for lifelong energy efficiency class A
- 2012** Washing machine with AllergyPlus program and the ECARF seal of quality
- 2012** Most silent and economical washing appliances with BLDC motors
- 2014** Washing machine with asymmetrical drivers in the WaveDrum and a drum cleaning program with reminder function
- 2015** Active Oxygen – for less odour and hygienic cleanliness at low temperatures
- 2015** Home Connect – connected washing machines and tumble dryers



*Our Berlin-based developers  
are behind a number of  
innovative world firsts.*



# Our development activities

The Technology Center in Berlin is BSH's international competency center for laundry care. With three of the most state-of-the-art acoustic labs in the industry, load simulators, and a virtual reality lab, we have the very best facilities for developing sustainable, highly efficient products. Conserving resources is a key aim throughout the entire development process.

When it comes to our developers, we have a diverse team: engineers with a range of specialties, from simulation to thermodynamics work hand in hand with physicists and chemists. To ensure that we remain an innovation leader in laundry care appliances, we collaborate closely with renowned universities of Berlin. Year after year this has led to new innovations in resource-efficient washing machines, tumble dryers, and washer-dryers, which are used in households around the world. We are constantly aiming to build on BSH's leading edge in innovation.










# Our employees

BSH is a very attractive employer in the Berlin/Brandenburg region, with a workforce of around 800 mainly highly qualified employees from 28 countries who develop washing machines and tumble dryers for the global market.

And as part of a dual-degree program for a degree in electrical and mechanical engineering, we also train young talent. Together with the BSH facility in Nauen, we are also training technicians in the future-oriented field of mechatronics. In addition, students from various universities gain work experience at BSH each year as student employees or interns, or as part of their thesis work.

We routinely gauge employee satisfaction using employee surveys, and we are constantly developing our strong, internal qualification program, as well as many active health management programs at the site. Together with a nearby kindergarten, BSH also helps parents balance their professional and family lives.



# Our site in figures

## Site

**2011** sees the opening of the Technology Center for Laundry Care, where washing machines and tumble dryers are developed for the global market.

The high-tech site consists of **39,000** square meters.

More than **800** employees work at BSH's attractive site in Berlin.

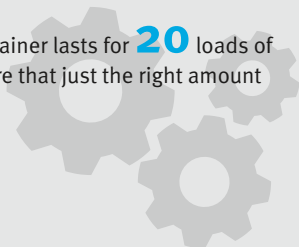


## Development & Quality

Around 1,000 washing machines and tumble dryers are being tested **24** hours a day.

Over **60** percent less energy is consumed by the latest generation of machines compared to those of 15 years ago.

The i-Dos detergent container lasts for **20** loads of laundry. I-Dos makes sure that just the right amount of detergent is used.

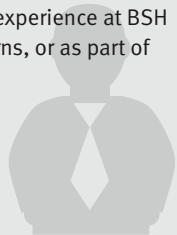


## Employees & Training

Approximately **450** employees work in Research & Development.

Employees of **28** different nationalities work together at the site and with colleagues all around the world.

More than **100** students gain work experience at BSH each year as student employees or interns, or as part of their thesis work.

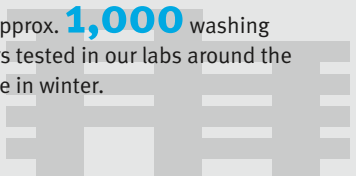


## Sustainability

BSH invested **€50** million into the site, highlighting the company's sustainability profile and creating optimal conditions for research and development.

The state-of-the-art building saves **1,500** tons of CO<sub>2</sub> a year through heating and cooling technology.

The heat produced by the approx. **1,000** washing machines and tumble dryers tested in our labs around the clock is used to heat the site in winter.



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