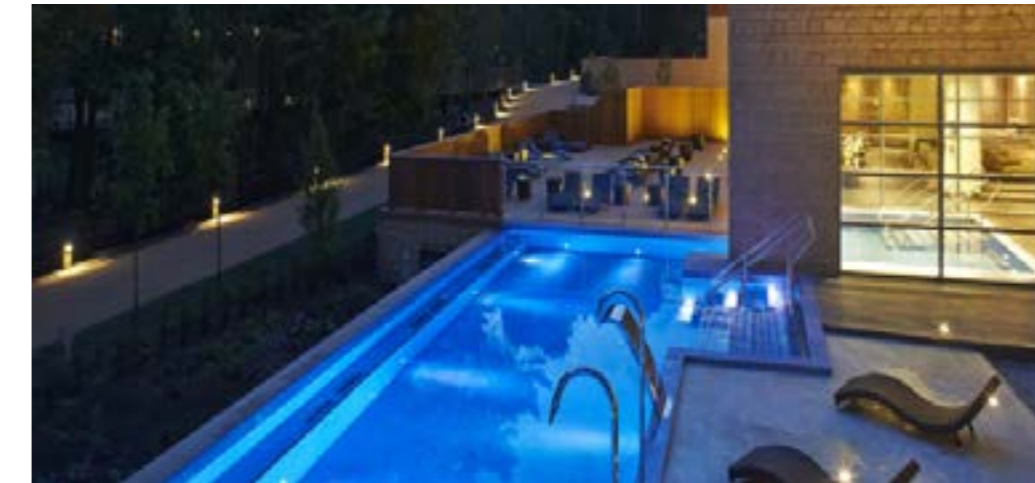




BARR + WRAY
POOLS



:: Contents



BARR + WRAY

01 :: Pools

02 :: Products+Services

03 :: Pool Engineering Consultancy

04 :: Water Treatment

05 :: Sport+Pleasure- Myrtha Pools

06 :: Moveable Floors+Booms- Variopool

07 :: Engineered for Thrills

08 :: Engineered for Fun

09 :: Reference List



01 :: POOLS

B+W has established quite a reputation for our cutting edge work in design and build of the most prestigious swimming pool developments around the world.

Look throughout the country and you will find our name associated with many of today's flagship developments. We understand your needs.

From as far back as 1959 B+W has become recognised as the UK's leading swimming pool designer and installer. From leisure pools to competition pools to major event pools B+W leads the way.

B+W recognise, as do all our clients, that our commitment doesn't stop when the project ends. This is where B+W After-sales Services comes in. We have become market leaders by listening to what our clients say, by in-house innovation and by collaboration with the most advanced technology departments in some of the country's leading universities. When you work with B+W you will be a leader in Sport and Leisure.





02 :: Products+Services

B+W makes sure that every project is carried out to the highest possible standard. From feasibility study to design, from installation to a lifetime of aftersales care, we do it all.

Even if you want us to get involved in staff training, we'll do that too. In fact, just about everything to do with sport, leisure and water is our area of expertise.

B+W Products+Services include:

POOL ENGINEERING CONSULTANCY

A complete package of engineering consultancy services to support your swimming pool project.

SWIMMING POOLS & FILTRATION WATER TREATMENT PLANT

Competition and leisure pools for the private and public sector in either conventional or modular construction.

MYRTHA

B+W is the approved UK supplier and installation contractor for Myrtha stainless steel swimming pools.

VARIPOOL

B+W is an approved supplier of Variopool products including: Floating systems, Moveable Floors, Submersible Booms, Moveable Platform (disabled access), Sliding Flaps

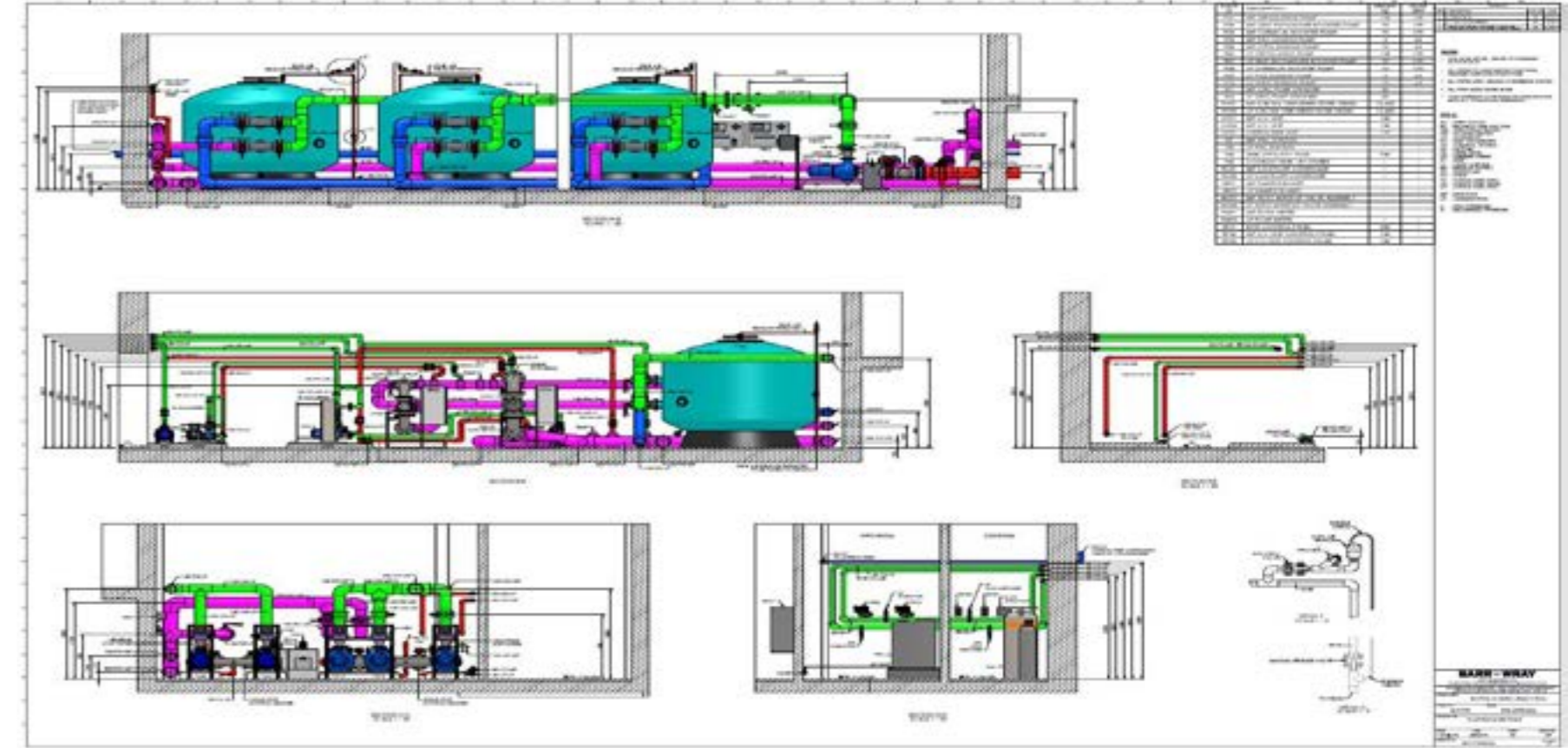
WAVES

Seamaker and Surfking

LEISURE POOL ATTRACTIONS + WATER FEATURES

Cascades, Waterfalls, Fountains, Flumes, Water Cannons, Rivers, Water Monuments and many many more.





03 :: POOL ENGINEERING CONSULTANCY

With design teams based in the UK, Dubai and Hong Kong, B+W can offer a complete package of Engineering Consultancy Services to support your swimming pool project.

Working closely with project Architects, Interior Designers, M&E Consultants and Project Managers, B+W can add real value to your project planning and execution.

Services offered include:

- Feasibility studies
- Conceptual design
- Detailed design
- 3D modelling & rendering
- Technical specification
- Plant schematics
- Budget/ target pricing

04 :: DESIGNED TECHNOLOGY - WATER TREATMENT

In B+W you will find a team who are focussed not only on design and aesthetics but people who make sure that these values are aligned to the highest standards of water quality. Water quality is the essential criterion affecting the health of your customers with its obvious impact upon risk management for you.

B+W is the country's longest established specialist designer and supplier of pool water treatment systems and this experience, coupled with our innovative technology, guarantees that you receive the very best products and services available.

DESIGN

Our engineers will interpret your requirements and convert them into working solutions. In-house design software is used to select filtration and disinfection equipment to provide you with the safest, most cost-effective solutions.

FILTRATION

B+W provide filtration systems which are designed to suit projected bathing loads. Medium or slow rate sand filters in stainless steel, mild steel or GRP form the back bone of the plant. Automatic backwashing of the filters offers an added refinement.

DISINFECTION

Standard primary disinfection of the pool water is achieved using a chlorine donor, most commonly sodium or calcium hypochlorite. For high bather loads and to improve the swimming pool environment, this may be supplemented by UV Radiation, Ozone or Uvazone* (a combination of UV and Ozone). As well as improving the quality of water, these additional treatments have the added benefit of allowing the standard primary chlorine system to operate at a lower set point, thereby reducing the amounts of chemicals in the pool.



HYDRAULICS

The circulation system including the pumps, pipe work and pool fittings are all designed to suit the plant flow and ensure quality treated water is delivered efficiently to all areas of the pool.

PLC CONTROLS

Sophisticated microprocessor control systems provide precise monitoring and control to create improved quality of water.





05 :: SPORT+PLEASURE - MYRTHA POOLS

Whether it's the four hundred metre free-style or the splashing around of delighted four year olds, our competition and smaller leisure pools are perfect for the job..

B+W offers a range of pools which includes conventional tiled pools, as well as Myrtha pre-engineered modular pools.

MYRTHA POOLS

Myrtha pools are an engineered solution to the challenge of providing high quality pool installations with the minimum lead time. B+W is the supplier and contractor for Myrtha stainless steel swimming pools. Myrtha pools have been approved for competition by FINA (Federation Internationale de Natation Amateur) and are recommended to the swimming federation of Europe by LEN (Ligue Europeene de Natation). The exclusive Myrtha solution consists of using stainless steel where static and dynamic strength is required (wall structure) and concrete where a simple flat surface (the floor) is needed. Myrtha pool walls have a permanently laminated hard PVC membrane bonded to the steel to ensure longevity and perfect waterproofing. This special grade PVC is resistant to UV and the aggressive pool water, it has a soft touch, is easy to clean and carries the guarantee of lower lifetime maintenance costs. The Myrtha pool structure may follow any shape to comply with the most complex architectural design.

www.myrthapools.com



06 :: MOVEABLE FLOORS+BOOMS - VARIOPOOL

Variopool is an industry leading company specialising in the design, manufacture, installation and maintenance of moveable swimming pool floors and booms.

B+W are distributors for Variopools. One of the specific trademarks of a Variopool moveable floor is its floating system. Products included within the Variopool range include:

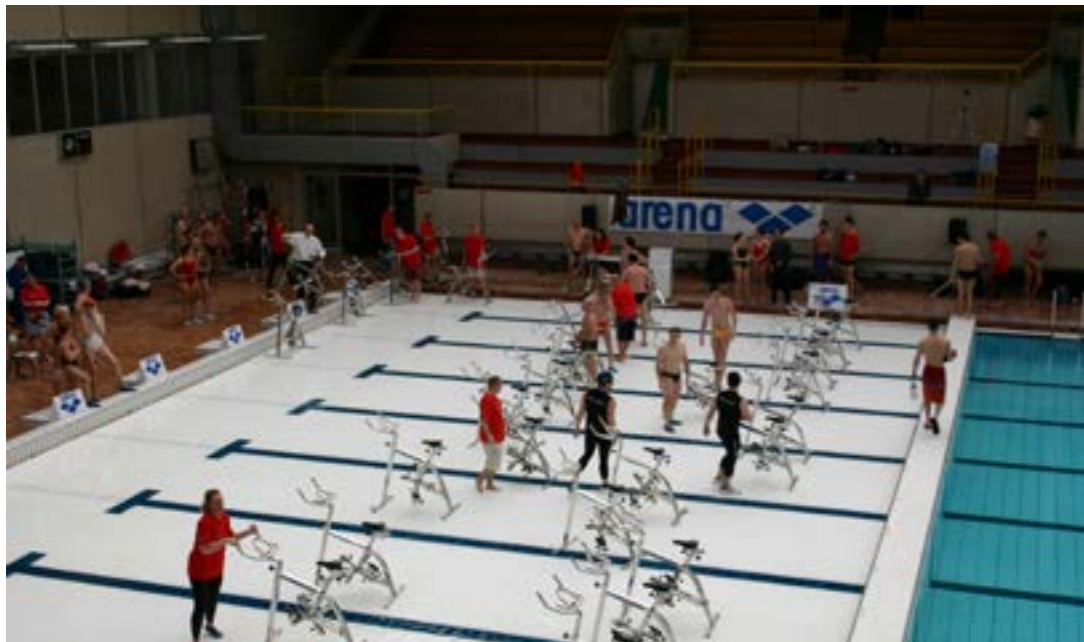
- [Moveable Floors](#)
- [Submersible Booms](#)
- [Moveable Platform \(disabled access\)](#)
- [Sliding Flaps](#)

A moveable floor or boom increases the flexibility and functionality of any competition, hydrotherapy, public or private pool as it allows one single pool tank to accommodate several activities simultaneously or at varying depths.

Variopool has over 40 years of experience since installing its very first floating floor in 1968. Their reference list includes over 420 custom pool floors and booms found globally in some of the world's most famous aquatic centres and pool accommodations.

Maintaining top quality is a vital element during each working phase from design to fabrication from installation to service.

www.variopool.nl





07 :: ENGINEERED FOR THRILLS

Whether your looking for thrills provided by mega-waves or the more relaxed and soothing experience provided by gentler waves, B+W has the perfect solution for you and your customers.

Working with leading UK universities we have made huge strides forward in design and, by constant focus on commercial realities, created a range of wave machines which offer great value for money.

[SURFKING \(Hydraulic\)](#)

The Surfking wave machine offers the ultimate in simulated surfing experience producing waves up to 2.4m (8ft) high in a controlled environment. With many of the largest and most famous parks in the world such as Typhoon Lagoon Florida, Sun City South Africa, Sunway Theme Park Malaysia and Caribbean Bay Korea already using Surfking your visitors deserve the chance to experience the ultimate surfing experience.

[SEAMAKER \(Pneumatic\)](#)

The joy of waves lapping on the shore is one of the big attractions of a seaside resort. This same attraction can be created in your leisure pool with the B+W Seamaker wave machine. What's more it will create waves to suit all ages and swimming abilities within one pool.

[WAVE TECHNOLOGY](#)

The experienced design team at B+W will advise you on all aspects of wave pool design. Everything from pool shapes, contours, water circulation systems, water purification, safety, finishes and pool side design.

08 :: ENGINEERED FOR FUN

Your customers simply want to take a dip and enjoy the experience of using your pools or water parks. B+W technology and experience make sure that is exactly what happens.

Over many years our reputation for innovative, quality design is second to none. Water features provided by B+W include:

- Cascades
- Waterfalls
- Riverrapids + Lazy Rivers
- Mushrooms
- Fountains
- Flumes
- Water Cannons
- Water Sea Serpents
- Rain Cloud + Tropical Storm
- Air Geysers

B+W provides any combination of these features for your leisure pool or water park.

THEME POOLS

Exciting and fun, the success of theme pools which can offer special features to the leisure swimmer is undoubted.

Increased attendance figures, frequently three fold

Increased revenue

Increased catchment area

Increased interest from all sectors

WATER PLAY PARKS

Water Play Parks require more attention to the treatment plant due to far higher pollution in outdoor areas. With dirt, debris and of course sun lotion, general pool techniques cannot be applied and these areas need to be designed correctly.





09 :: REFERENCE LIST - SOME OF OUR RECENT PROJECTS

> Competition Pools (50m Complexes)

Aberdeen Aquatics Centre
Bangor Leisure Centre
London 2012- Water Polo Venue (inc Myrtha)
London 2012- 3 x Training Pools (inc Myrtha)
London 2012- Synchronised Swimming Pool (inc Myrtha)
Basildon Sports Village (inc Myrtha)
Uxbridge Lida
Mountbatten Centre, Portsmouth (inc Myrtha)
Pictou Sports Centre

> Waves + Leisure

Centre Parcs, Woburn
Centre Parcs, Elveden
Paisley Lagoon
Skovde Leisure Centre, Sweden
Des Ormes Wave Pool, France
Drammen Wave Pool, Norway
Raging Waves, Chicago
Skovde Leisure Centre
Budna Water Theme Park
Des Ormes, Brittany
Drammen, Norway
Tamaris Aquaparc, Casablanca
Double JJ Resort, Rothbury, Michigan
Western Water Park, Mallorca, Spain
Typhoon Lagoon, Disneyworld
Caribbean Bay, Seoul
Sun City Resort, South Africa

> School + Community Pools

Lasswade Community Campus
Paisley Lagoon
Linwood Sports Hub
Pickaquoy Leisure Centre (inc Variopool)
Worthing Leisure Centre
Holland Park School
Kellet School, HK
Dunston Leisure Centre
Stockbridge Village
Northumbria Academy
St Peter's School (inc Myrtha)
Knowsley Cultural + Leisure Pool (inc Myrtha)
Lancaster University
Maltby Leisure Centre
Heworth Leisure Centre
Blaxdon Leisure Centre
University of Teeside
Gateshead Leisure Centre
Heywood Sport + Leisure Centre
Aberfeldy School
Silksworth Swimming Pool
Hetton Swimming Pool
Kingspark School
Bathgate Leisure Centre
Spiceball Park Leisure Centre
Carnegie Centre (inc Myrtha)
Stirling Sports Village
St. Augustines High School
Drummond SEN School

BARR + WRAY

www.barrandwray.com

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