

# WAVES

***"THE WORLD'S BEST WAVE MACHINES"***

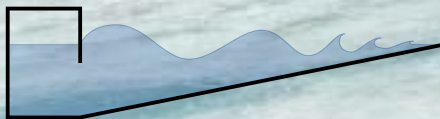


**MURPHYS WAVES LTD**  
**[www.murphyswaves.com](http://www.murphyswaves.com)**

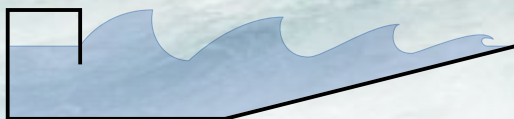




## WAVE PRODUCT & SERVICES



Breaker



Boogie



Point Break Surf

- **POINT BREAK SURF SYSTEMS** The world's biggest man made surf waves up to 4M high
- **BREAKER** The multi pattern wave system for all the family
- **BOOGIE** Exciting high performance & multi pattern 'boogie' waves
- **WAVEPLAY** The only shallow water wave system designed for children
- **SURF-AIR** The world's best value and safest surf ride
- **STINGRAY** The world's first half-pipe flow surfing rider
- **MANTARAY** The new double half-pipe surfing attraction
- **BOARDRIDER** Deep flow surfing ride with moveable reef
- **TYPHOON RIVER** Compact and fun action river system
- **TORRENT RIVER** The 'Dynamic' fast flowing river wave
- **BARREL ROLL RIVER** Feature wave systems for existing or new rivers
- **TEMPEST** Lifesaving survival systems for the offshore industry
- **BESPOKE REPLACE & RENEW SERVICE**
- **ANNUAL SERVICE & MAINTENANCE PROGRAMS**
- **WAVE POOL & WATER PARK DESIGN**
- **FILTRATION DESIGN SERVICE**

# WAVES INTRO





## **FAMILY WAVES**

The vast majority of waterparks and leisure centres are looking to provide wave pools that cater for all the family.

Our range of “Breaker” multi-pattern wave generators is specifically designed to produce recreational waves.

From rolling waves in the deep-water areas, to breakers on the beach, fun is guaranteed for all the family.

## **BOOGIE POOLS**

Boogie Boarding is a fast increasing sport and to meet the demand we have produced a range of wave generators capable of producing the very best in high performance pneumatic wave.

However, these machines are also capable, via the computer-controlled system, of producing the full range of multi-pattern recreational waves.



# **WAVES FAMILY INTRO**





**WAVES POINT BREAK SURF & BOOGIE POOLS**





## **SURFPOOLS**

The ultimate waterpark attraction is the “Point Break Surf” wave generator, capable of generating the largest man made waves in the world.

The worlds top professional surfers have enthused at our most recent installations and rated them “as good as the real thing, but with the advantage of a guaranteed great wave, every time”.

## **ALSO AVAILABLE:**

### **POINT BREAK JUNIOR**

For smaller surf projects where available space is at a premium, our newly developed Point Break Junior can produce waves up to 2.4M high within a reduced footprint area.

The dynamic waves are produced using our advanced hydraulic wave system and can be modified to suit most water parks or surf only venues.

### **OLYMPIC SURF**

Developed at our hydro-dynamic laboratory in Edinburgh, the Olympic Surf System features a unique reef which has been designed to produce barrelling break left or right surf waves up to 4M high.

This competition standard surf only pool can be pre-set to produce a variety of different wave heights and patterns.



# **WAVES POINT BREAK SURF & BOOGIE POOLS**



**THE WORLDS FIRST BARRELLING  
SURF WAVE IN A POOL**

**SIAM PARK**



**THE WORLDS  
BEST MAN-MADE  
SURFING WAVES.**



**WAVES POINT BREAK SURF & BOOGIE POOLS**



# WAVES

WADI ADVENTURE - AL AIN

**PERFECT SURF WAVES  
OVER 4 METRES HIGH**



**WAVES POINT BREAK SURF & BOOGIE POOLS**





**WAVES** POINT BREAK SURF & BOOGIE POOLS



# WAVES WAVEPLAY



## WAVEPLAY

For this season Murphys Waves have developed an innovative new concept that allows us to generate waves in only 600mm (2ft) of water.

These very shallow pools are ideal as kids play pools or adventure pools. Due to the small footprint of our Wave Play pools they can easily be retrofitted into existing water parks making them a very cost effective addition.

The same technology also enables us to generate waves in very shallow lazy rivers, creating a wave pool that is custom designed exclusively for the youngest of water park visitors.



Baltic Park  
WORLD AQUAPARK  
**SURFWAVE**



**WAVES SURF-AIR**





### **DON'T GO WITH THE FLOW... GET A SURF-AIR**

Our award winning Surf-Air is the world's first ever surfing attraction with a fully air cushioned ride surface and side walls. Unlike other flow surfing rides that have a hard fall surface and concrete surround walls, our new Surf-Air has "soft-fall" technology which introduces a new level of safety never experienced before on any flow surf rider.

The fully inflatable ride surface can be made operational in less than one hour and is supplied with state of the art pressure monitors and a back-up compressor to ensure optimum air pressure is maintained throughout the day.

In addition to the new and innovative ride surface, the Surf-Air is supplied with 'dry water pumps' which are located in a separate room for easy inspection, operation and maintenance (other older machines still use submersible pumps which means that the attraction has to be shut down and drained to allow for inspection).

The Surf-Air has been designed for all age groups and skill levels and has four different performance settings to ensure that the ride can be enjoyed by just about everyone.

Also available as a self-contained mobile attraction.....ask for details !



# **WAVES SURF-AIR**





**WAVES SURF-AIR 180**





[illegible]

# WAVES SURF-AIR 360

THE WORLD'S FIRST 360° SURFING ATTRACTION





**SINGAPORE**



**MANHATTAN USA**

**WAVES STINGRAY**





**AUSTRALIA**



## **STINGRAY**

Stingray is the worlds first surfing / skim-boarding half pipe ride!

For the first time ever it is possible to ride up curved sidewalls at 90 degrees to the direction of the water flow!

For general waterpark use Stingray can function in a lower power setting to give a thrilling body boarding experience, or for more experienced groups or competitions it can be used with our specially designed skim boards allowing riders to stand up and carve high onto the curved side walls!

# **WAVES STINGRAY**





## **BOARDRIDER**

The all new "BoardRider" combines skill, excitement and fun like no other standing wave attraction. Suitable for all age groups and skill levels the "BoardRider" standing wave has been designed to provide optimum surf performance.

The BoardRider is ideal as a multi-person body board ride or as a full-on individual surfing experience suitable for both learners and surf-pros.

The "BoardRider" can be designed, manufactured and installed as a new stand alone feature or alternatively the system can be integrated with a lazy river, wave or surf pool attraction.

In each case our innovative structural surf machine design can include a spectator gallery, retail shop or surf board hire unit.

The visible appeal of the "BoardRider" guarantees your surf park will have large queues of eager users and spectators, opening the door to a world of retail opportunity, advertising, media events and increased profits.

# **WAVES BOARDRIDER**



# ACTION RIVERS



# WAVES

## TYPHOON RIVER

Waves “Typhoon River System” can turn any new or existing lazy river into an exciting white-knuckle water ride suitable for all the family.

Alternatively our high performance system can create an “Action River” aimed at the more adventurous and specialised sports.

The installation of the system whether as a retrofit or incorporated into a new plan, can be completed with a minimum down time.





# ACTION RIVERS



## **BARREL ROLL RIVER**

Available in a variety of sizes and themed designs, the new Barrel Roll River wave attraction can be added to both new and existing lazy river projects with minimum fuss and construction down time to enhance the guest experience.

Our specially designed barrel and pump system delivers an exciting wave rush every 5 minutes which can also be used in conjunction with our Typhoon & Torrent Systems to make the ultimate action river attraction.

The system can be located at multiple locations throughout the river and can act as the main river propulsion system.

**EUROPA PARK®**



## **TORRENT RIVER**

With dynamic wave heights up to 2.2M high and every 60 seconds the hugely popular Torrent River is the ultimate river wave system. The high performance waves are created when the large storage tanks deliver a torrent of water down a specially designed slope and into the river, propelling the guest forward with screams of excitement. This 'must have' action river system is designed to incorporate a beach area with designated Entry & Exit zones to facilitate high capacity guest attendance.

The Torrent River system can also be used in conjunction with our Typhoon & Barrel Roll River attractions.

## **TORRENT RIVER JUNIOR**

For smaller and lower capacity river projects our new Torrent River Junior offers the same thrilling dynamic wave action as the larger system but within a smaller footprint with reduced construction requirements.

The system can be located at multiple locations throughout the river and can also act as the main river propulsion system.



# **ACTION RIVERS**



# WAVES NEW RIDES & CONCEPTS



## NEW RIDES & CONCEPTS

We are continually designing and developing new wave related products to ensure that we keep our position at the front of the industry.

Waves Ltd has worked with the same group of hydrodynamic researchers since 1988 when involved in the design, model testing and manufacture of the worlds very first surf pool for **Walt Disney World**.

This same team and others still assist to this day with our innovative new products.





# WAVES 360° SERIES

## WAVES 360 SERIES

The WAVES 360 Series offers water parks and hotel resorts a unique round wave pool experience with a high capacity 360 degree beach which can be accessed from any area.

The waves are produced from an innovative centre island which can be designed and themed to suit the

overall layout of the park whilst the beach area can be extended to include a variety of F&B or retail outlets.

Available in a number of different size and performance variations our talented Design Team can produce a bespoke design to suit family orientated water parks or as a special kids only attraction with shallow water throughout.



# WAVES 360 SERIES... TAKE A DIFFERENT VIEW



# WAVES TURTLE BACK 'FEATURE' POOL



## TURTLE BACK

At the beating heart of any successful water park you will always find a wave pool from Murphys Waves and the Turtle Back Feature Pool delivers on all levels.

Specifically designed to complement in park entertainment the Turtle Back provides operators with a huge central 'feature' stage area from where guests can take in a pop-concerts, dance to the local DJs or even watch the latest blockbuster movie.

Combined with a high capacity forward facing beach area and a concealed wave generation zone, the Turtle Back is a truly multi-experience wave pool available in a number of different size and performance variations.

**WAVES**





**BEFORE**



**BEFORE**



**AFTER**



**AFTER**

# WAVES

*There when you need us!*

## **SERVICING, UPGRADES & REFITS**

Murphys Waves Ltd is an original manufacturer which means that we can design and manufacture a bespoke wave machine to suit any existing construction requirements.

If you have an old troublesome wave system from any supplier we can offer a cost effective upgrade or refit service to anywhere in the world. All of our waves machines are manufactured using only the finest materials and internationally available component parts making future servicing quick and easy.

We are also delighted to offer our highly experienced engineers to undertake annual maintenance and re-commissioning contracts to ensure that your wave machine is ready for the season ahead.

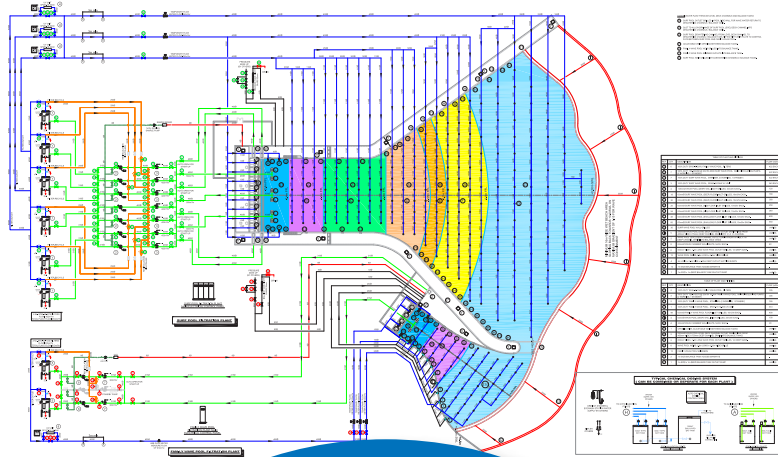
## **RIDE INSPECTION & PARK APPRAISAL**

With over 25 years in the leisure industry our skilled engineers have a wealth of water park knowledge which extends to more than just wave machines. Whether it be troublesome water slides, play structures or a dodgy filtration system the Murphys Waves Engineering Team are here to help with an unbiased appraisal service.

# WAVES SERVICING, UPGRADES & REFITS



# WAVES FILTRATION DESIGN



## FILTRATION & ENGINEERING DESIGN

Our highly experienced Filtration Design Department can offer leading edge technologies developed in house for the water park and swimming pool industry.

We provide best practice filtration designs to suit projected bather loads and turnover requirements ensuring optimum water is maintained at all times.

Our Filtration Design Team works in close conjunction with number of specialist suppliers such as Defender Filters and Myrtha Pools to ensure that our clients receive the very best advice and product innovations.







## TEMPEST

Our state of the art “Tempest Wave System” is specifically designed to recreate conditions at sea and is used as a survival training aid to offshore workers, air & sea rescue teams and the armed forces.

The “Tempest System” is designed to produce sustainable waves throughout a deep pool and is suitable for use with H.U.E.T. survival training and inflatable life boats and assault craft.

To compliment our survival system there are a number of special effects that we are able to incorporate to help simulate realistic storm conditions.

These include:

- Gale Force Wind Machine
- Rain Machine
- Fog Machine
- Thunder & Lightning Simulator

The whole system, including special effects, is controlled from a main “Command Centre” allowing the operator to change the conditions at the flick of a switch.

**[www.survivaltrainingpool.com](http://www.survivaltrainingpool.com)**

# WAVES TEMPEST





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