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	March 1	AquaRacer, NCL - Norwegian Escape. Cover: Double AquaLoop,	
Wall Control		Wörgler Wasserwelt, Tirol.	

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Spray Characters

Different Examples

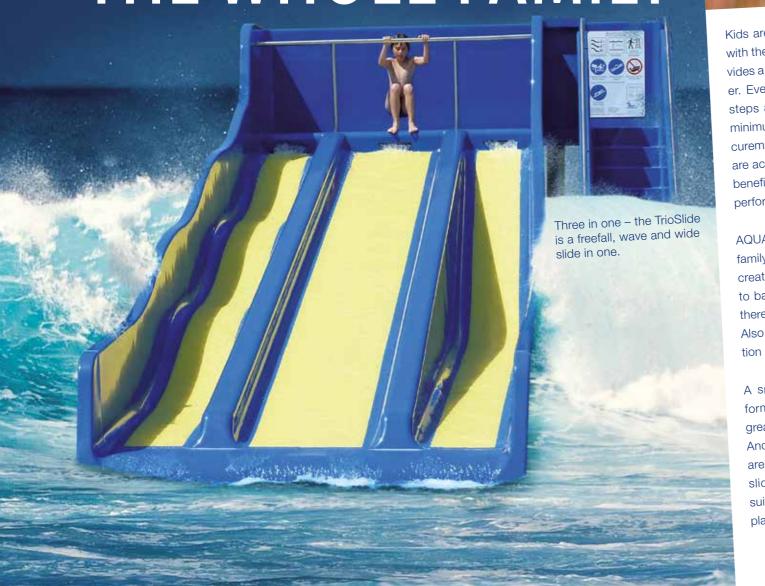
Contact Details

Hotels

History



# WATERFUN FOR THE WHOLE FAMILY



Kids are guaranteed to have plenty of fun with the varied TrioSlide. The TrioSlide provides a varied ride. And is a real space-saver. Even with integrated fiberglass safety steps and a starting platform, it requires minimum space. This means that the procurement, installation and operating costs are accordingly low for the operator. Other benefits: high capacity and excellent priceperformance ratio.

AQUARENA's AquaWide slides are classic family slides. The moderate starting height creates a pleasant speed that will appeal to bathers of all ages. With an AquaWide there is little or no waiting time for guests. Also available with individual slide separation of 2 to 4 slides.

A small-format AQUARENA slide transforms the children's area of your pool a great attraction and a magnet for families. And if the kids are having fun, the parents are guaranteed some relaxation. Our kid's slide is an eye-catcher and particularly suitable for adding excitement to formerly plain paddling pools.



# Technical Data FamilyFun

# water slides

# OPERATIONAL DATA

Waterslide

WR0600. WR0900, WR1200, WR1500, WR2000, WR3000

body slide WR 0600, WR0900, WR1200

Inner-Tube WR1500, WR2000, WR3000

from 6 years, Minimum age:

kid's slides from 3 years

< = 8 m/s = 28,8 km/hSneed:

Bodyslide Capacity: 150 persons/h,

Inner-Tube

250 - 1000 persons/h

# TECHNICAL DATA

splashdown (bodyslide), I anding: safety run-out, safety

landing pool, shallow

water run-out

fiberglass, translucent or Material: opaque, RAL color

20 – 1000 m<sup>3</sup>/h Water volume:

# **OPTIONS**

Time measurement, traffic lights

# tube slides

# OPERATIONAL DATA

Tubeslide RR0825,

RR1200, Inner-tube RR1500, RR2000,

RR3000

body slide RR0825,

RR1200 Inner-Tube RR1500,

RR200, RR3000

from 6 or 8 years, Minimum age: kid's slides from 3 years

Bodyslide Capacity:

150 persons/h,

Inner-Tube 250 - 1000 persons/h

# TECHNICAL DATA

splashdown (bodyslide), Landing:

safety run-out, safety landing pool, shallow water

fiberglass, translucent or opaque, RAL color

40 - 1000 m<sup>3</sup>/h

# **OPTIONS**

Light and sound effects

Themes

■ Time measurement, Traffic lights

Heat insulation, Sound insulation

# AQUARIVER – ... PURE CANYONING

AQUARACER - PURE RACEFEEL

AguaRacer, NCL -

Norwegian Escape.

Sometimes tame and sedate, sometimes wild and untamed like a white water river. Turns and intermediate pools in free-form style leave no wish unfulfilled and allow ambitious design options even with difficult layouts. The AquaRiver can also be run an open outdoor slide even in winter. The strong, powerful current gives the rider a completely new sliding experience.

Need the Speed? The AquaRacer is a varied tube slide with different diameters, long, wide, straight sections and tight turns. Different gradients set an exciting tempo - get that race feeling!

A high fun factor is guaranteed when several people speed down the slide in double, triple, or multi-person Inner-Tubes.

# Technical Data RiversAction

# AquaRiver

# OPERATIONAL DATA

Bodyslide 8-12 years, Minimum age:

depending on type, confident

swimmers only 5 m/s = 18 km/h

Speed: 1500 persons/h Capacity:

# TECHNICAL DATA

from approx. 40 m  $\sim 2 - 4 \text{ m}$ 

Starting height: Slide diameter: WR1200, WR1500,

AR0900 with or without

intermediate pools

individually formed Landing: landing pool

fiberglass, opaque, Material: RAL color

1500 – 2000 m<sup>3</sup>/h

## **OPTIONS**

- Water curtain
- Tunnel cover
- Light effects
- Shutter closing upon penetrating facade

# AquaRacer

# OPERATIONAL DATA

Inner-Tube, 1, 2 and 3-person tubes

Minimum age:

up to 1400 persons/h Capacity: with a double start

# TECHNICAL DATA

Slide diameter: combination of

diameters AW2500, RR1500, RR2000, BR3000, MT2500

shallow water run-out Landing:

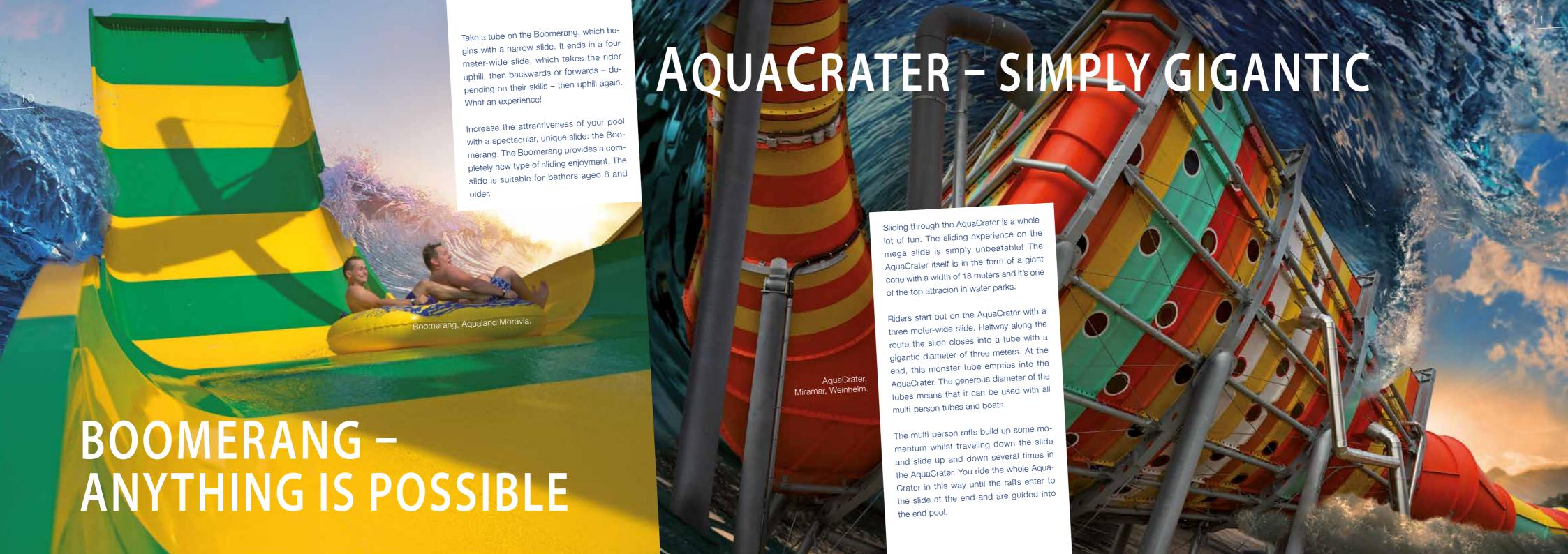
~ 10 m length

fiberglass, translucent or opaque, RAL color

360 - 500 m<sup>3</sup>/h

## **OPTIONS**

- Light and sound effects
- Themes (racer design)
- Traffic lights





# Technical Data SwingSlide

# Boomerang

# OPERATIONAL DATA

Use:

Boomerang tubeslide, 1, 2, 3 and 4-person tubes

Minimum age:

10 m/s = 36 km/hSpeed: 200 - 700 persons/h Capacity:

# TECHNICAL DATA

from approx. 30 m Slide length: Starting height: 5 – 16 m

AWL, RR1500, Slide diameter:

WR1500, RR2000, WR2000, RR3000, WR3000, AW2500,

AW4000

shallow water run-out Landing:

or surf landing 250 - 450 m<sup>3</sup>/h + Water volume:

 $20 - 30 \text{ m}^3/\text{h}$ 

## **OPTIONS**

Themes

Sensor controlled traffic light

# AquaCrater

# OPERATIONAL DATA

AquaCrater tube or raft slide, use with 3, 4 or 6-person rafts

360 or

500 - 700 persons/h

# TECHNICAL DATA

50 – 100 m, Slide length:

plus AquaCrater, diameter 18 m

12 – 18 m Starting height:

WR3000, RR3000 + Slide diameter: AquaCrater D = 18 m

surf landing in pool or shallow water run-out

Landing:

approx. 55 m x 26 m requirement: or 45 m x 35 m

1000 m<sup>3</sup>/h Water volume:

## **OPTIONS**

Traffic lights

 Designed as closed tunnel (AquaCone) for year-round use

 A tube lift is recommended for larger tubes

# AquaCone

# OPERATIONAL DATA

transition to waterslides

or tubeslide

tube slide, use with Use: 1, 2, 3, 4-person tubes

Minimum age:

180 or 360 -Capacity: 700 persons/h

# TECHNICAL DATA

Landing:

approx. 7,5 m, variable Slide length:

4.50 m at entry, Slide diameter: 1,50 m at exit

> AquaCone is a transition

Water volume: 2 x 100 m<sup>3</sup>/h

# AQUABOWL - A UNIQUE FUNNEL SLIDE

The AquaBowl funnel slide is a unique slide with a high thrill factor. The funnel can be used as a bodyslide or tubeslide, with single or even with double inner-tubes. Guest enjoyment is guaranteed. The more experienced the rider is, the more rounds he can do in the funnel. When the speed drops, the rider slides into a giant "gullet", which leads into the end slide and finally to a safe landing in the pool.

The funnel slide can be operated outdoors or indoors. Various light and sound effects provide an additional attraction. Video transmission of the inside of the slide is available for supervision.

Who's the fastest? This kind of slide means thrilling high speed - man to man BODY<sup>2</sup>RACER AND as Body<sup>2</sup>Racer or Tube<sup>2</sup>Racer. It is possible to use the Body<sup>2</sup>Racer with mats or just as Bodyslide. The Tube<sup>2</sup>Racer can be TUBE<sup>2</sup>RACER – RACE used with single or double innertubes. TO THE POWER Body<sup>2</sup>Racer, Ferienzentrum Schloss Dankern, Haren (Ems)









Whether the ride brings you into the galaxies or along steep mountains, or anywhere else you can imagine, it is your decision - it is your theming.

# Technical Data EagleDiver

# OPERATIONAL DATA

starting element for tubeslides like Freefall and AquaLoop

Single or double Inner-Tubes

Minimum Age: 12 years

# TECHNICAL DATA

RR1500/WR1500 safety run-out,

shallow water run-out fiberglass, translucent

or opaque, RAL color

## **OPTIONS**

- Light and sound effects
- Timecontrol
- PhotoSystem AquaClick





# Technical Data AdrenalinSpeed

# AquaBowl

# OPERATIONAL DATA

AquaBowl Type:

bodyslide or tubeslide Use: 8 years Minimum age:

> 10 m/s = 36 km/hSpeed: 150 - 300 (2-person Capacity: tubes) persons/h

# TECHNICAL DATA

approx. 30 m - 100 m Slide length:

Starting height: > 12 m > 20 % Gradient: R1200, RR1500, Slide diameter:

bowl D=10 m

splashdown (bodyslide Landing: only), safety or shallow

water run-out

fiberglass, translucent Material: or opaque, RAL color

2 x 200 m<sup>3</sup>/h + Water volume: 10 m<sup>3</sup>/h 3 bar

# Tube<sup>2</sup>Racer

# OPERATIONAL DATA

Tube<sup>2</sup>Racer Type: single or double

8 years, depending

on speed

> 6 m/s = 21 km/hSpeed: 500 persons/h

# TECHNICAL DATA

Slide length:

> 10 % Gradient: Slide diameter:

Starting height: 8 - > 16 m

2 x RR1500 or WR1500

safety run-out, Landing: shallow water run-out

Material:

Water volume: 2 x 360 m<sup>3</sup>/h

# **OPTIONS**

- Light effects
- Sound effects
- Speed measurement PhotoSystem – AquaClick
- Applause

# Body<sup>2</sup>Racer

# **BETRIEBSDATEN**

Тур:

Use:

Speed:

Capacity:

Minimum age:

innertubes

Minimum age:

# Capacity:

# TECHNISCHE DATEN

fiberglass, translucent

or opaque, RAL color

2 x 40 – 120 m Slide length: Starting height: 8 - > 15 m 2 x 60 - 160 m > 10 % Gradient: Slide diameter: 2 x RR0825

shallow water run-out Landing: fiberglass, translucent Material: or opaque, RAL color

Body<sup>2</sup>Racer

8 - 12 years,

bodyslide or with mats

depending on speed

> 6 m/s = 21 km/h

240 persons/h

Water volume: 2 x 90 m<sup>3</sup>/h

# **OPTIONS**

- Light effects
- Sound effects Speed measurement
- PhotoSystem AquaClick
- Applause

# (Double) AquaLoop

# OPERATIONAL DATA

AquaLoop/Double

AquaLoop Use: bodyslide 10 years, at least 45 kg, Minimum age:

max, 130 kg > 15 m/s = 54 km/h

Speed: 150 persons/h Capacity supervision at the start,

Safety:

safety PLC

# TECHNICAL DATA FOR AQUALOOP

Starting height: from 10 m Slide diameter:

shallow water run-out Landing: 120 persons/h Capacity: Material:

fiberglass, translucent or opaque, RAL color

 $5 \text{ m}^3/\text{h} + 3 \text{ X}$ Water volume:

2.5 m<sup>3</sup>/h 3 bar, 90 m<sup>3</sup>/h

# **OPTIONS**

- Light effects
  - Sound effects
- Heat and sound insulation
  - Time and speed measurement Video and photo systems

# TurboRocket

# OPERATIONAL DATA

TurboRocket Type: bodyslide Use: 8 - 12 years, Minimum age:

depending on speed

> 14 m/s = 50 km/hSpeed: 150 persons/h Capacity:

sensors and/or turnstile Safety: Safety:

at end, safety PLC

# TECHNICAL DATA

approx. 20 - 80 m Slide length: ~ 6 - 20 m Starting height: RR0825 Slide diameter:

shallow water run-out Landing: fiberglass, translucent Material:

or opaque, RAL color 5 m<sup>3</sup>/h + 90 m<sup>3</sup>/h Water volume:

# **OPTIONS**

- Light effects
- Sound effects
- Themes Speed measurement
- Video recording
- PhotoSystem AquaClick

# TurboSlide

# OPERATIONAL DATA

**TurboSlide** Type: bodyslide 8 - 12 years, Minimum age:

depending on speed

> 14 m/s = 50 km/hSpeed: 150 persons/h Capacity: sensor controlled traffic

light with turnstile

# TECHNICAL DATA

approx. 20 - 80 m Slide length: ~ 6 – 20 m Starting height: RR0825 Slide diameter:

shallow water run-out Landing: fiberglass, translucent Material: or opaque, RAL color

90 – 120 m<sup>3</sup>/h Water volume:

# **OPTIONS**

- Light effects
- Sound effects
- Themes
- Speed measurement Video recording



# LED-EFFECTS, DAYLIGHTEFFECTS, INTERACTIVEEFFECTS, ENTERTAINMENT

DaylightEffects.

Seamlessly incorporated translucent areas, such as stripes, spots and even images create a "Wow"-effect. Daylight illuminates the effects in different colours.

The Photosystem AquaClick enables crystal-clear, high resolution images to be taken of the guests in the AquaLoop and other enclosed water slides. You can print out the action photo in high resolution quality using the clear touchscreen user interface or share the photo in the new medias with friends.

The Photosystem AquaClick is very flexible and can be adapted to all requirements or extended as required – yet another reason

to smile!



INSULATION – DOUBLETHE BENEFIT

Tube slide with

AquaEcoEnergy at Zell am See.

Reducing energy costs is close to our hearts at AQUARENA. With the AquaEco-Energy heat and sound insulation system, heat loss is reduced, and any sound disturbance in the surrounding area will be

AquaEcoEnergy isolated tube slide at Walldorf.



AQUARENA provides for every requirement the right landing, and optimal, space 9.89 5.01 saving solutions. Shallow water runout - a braking channel gully (above). Bestzeit 10.39 11.

with increasing water depth and overflow

The so-called "sofa outlet" is suitable to

build into an existing pool (below).







With one of our play ships, anyone can be a pirate and paddle in the water to their heart's content – kids and adults alike. The pirate ship offers water slides, spray cannons, climbing areas, sailing games and tipping buckets which promise an unexpected shower. Hidden floor jets can be controlled using the ship's wheel, great fun for the helmsman.

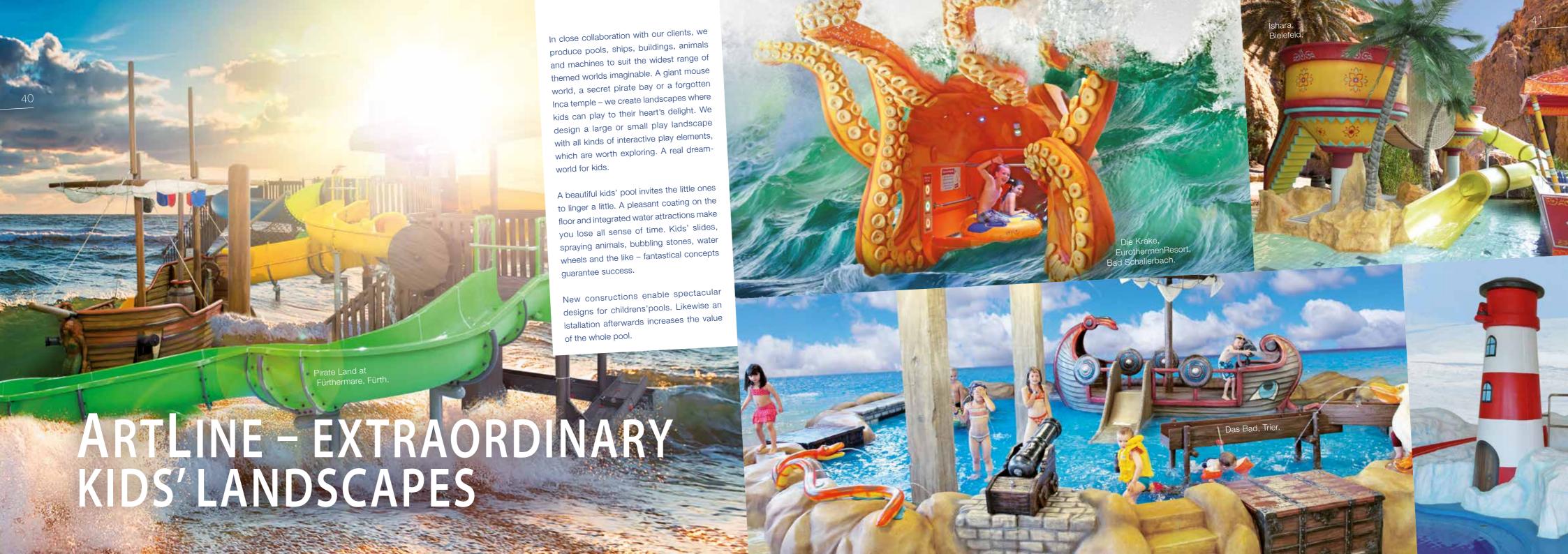
The ship is made individually in accordance with the clients' instructions and adapted to the requirements on-site. Other features are the solid sub-construction, anti-slip standing areas and chlorinated water resistant material.

Your children's areas will become islands of discovery with our wide range of themed play equipment. The little ones will just lose all track of time with the variety of water attractions as they pump, spray, dam, shoot and shower – in no time at all.

In our range we have Archimedes spirals, gold panning areas, treasure chests, spray and bubble stones, steering wheels, dams, water courses, tipping bucket trees, sailing games, fixed or pivoting cannon, barrel showers, water wheels, tipping buckets, waterfalls, handle pumps, trees, and much more.

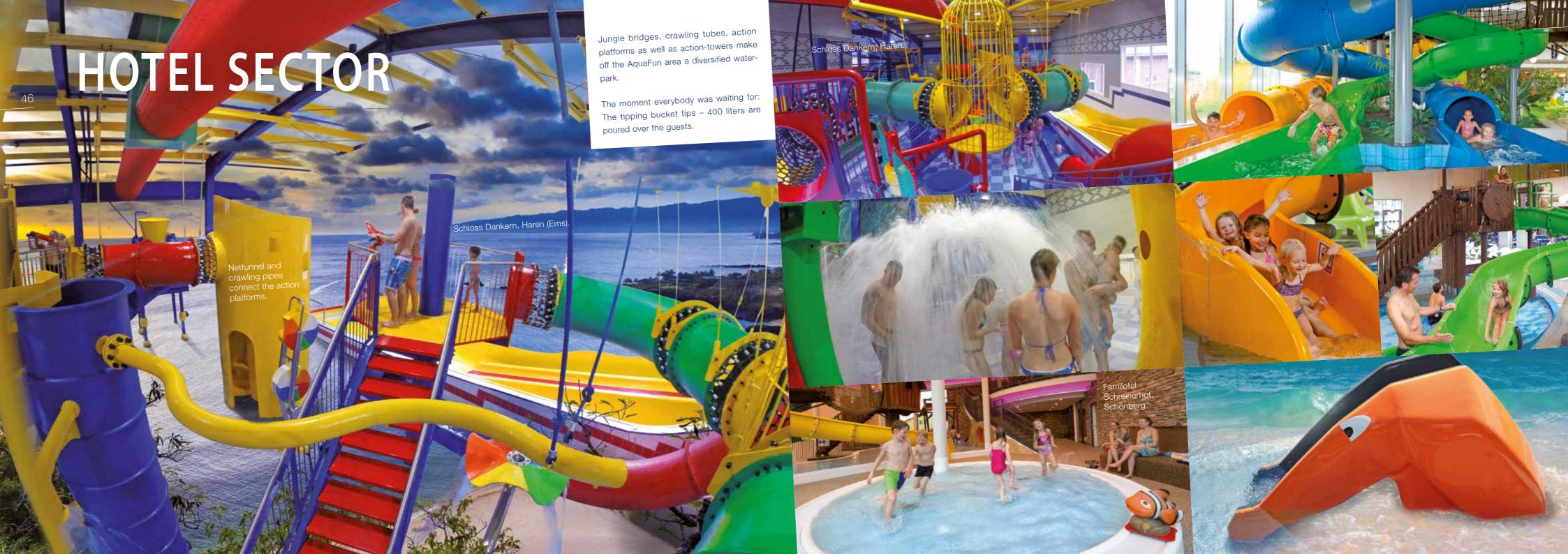














Founded by Uwe Hartwigsen.

Manufacture of components in RTM process with an absolutely smooth surface.

Reformation of the AQUARENA Freizeitanlagen GmbH due to takeover of the slide division of KVS, Krems, Austria. Transfer of shares by Uwe Hartwigsen to Jochen Bohnet, Rainer Braun and Jörg

Development and construction of the first seamless tube slide.

Reformation of FGGT due to takeover of the slide division of the company SGGT. Uwe Hartwigsen retires from the company.

Development and construction of the first heat and sound insulation.

## 2000

Development of the AquaRiver.

First children's adventure worlds built.

## 2003

Construction of the world's first glasstube slide - CrystalTube.

# 2004

Merger with FGGT.

Move to new premises in Jettingen.

Development of AquaRacer, AquaChoice, AquaRocket and AquaLoop.

Construction of the world's first looping water slide AquaLoop with AquaRocket.

# 2010

Construction of the world's first double looping slide Double AquaLoop.

Construction of the first newly developed kids' areas AquaFun.

Development and construction of the climbing wall SkyClymbing.

Construction of the AquaCrater.

New joint company identity of AQUARENA Freizeitanlagen GmbH Austria, and Hartwigsen Freizeitanlagen GmbH Germany as AQUARENA GmbH.

CrystalTube curved, Body2Racer, Tube<sup>2</sup>Racer, AquaCone, QuattroSlide and AquaCoaster.

Construction of the QuattroSlide, Body<sup>2</sup>Racer and the AquaCone.



www.aquarena.com

# Germany

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# Memberships

Deutsche Gesellschaft für das Badewesen e.V. (German Pool Industry Association)

EWA, European Waterpark Association

IAAPA, International Association of Amusement Parks and Attractions

National standards commission NA112-05-01-AA "Swimmingpool facilities and equipment"

European Commitee for Standardization CEN/TC 136/WG 8 Swimming pools CEN/TC 136/WG 3 Waterslides and water play equipment