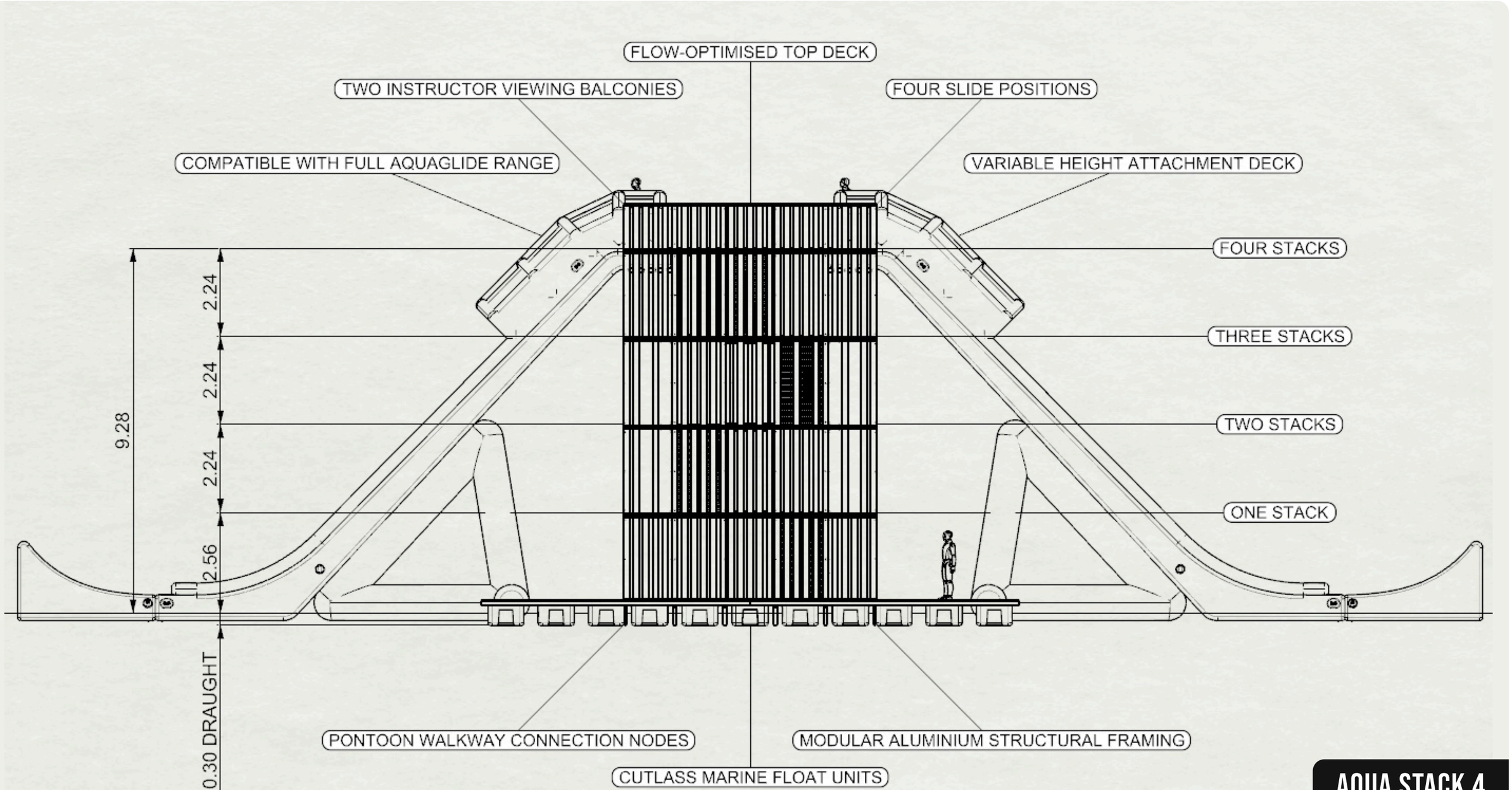
AQUA STACK

FLOATING SLIDE TOWERS

WATERSPORTS WORLD UK
PREMIUM WATERSPORTS DISTRIBUTION

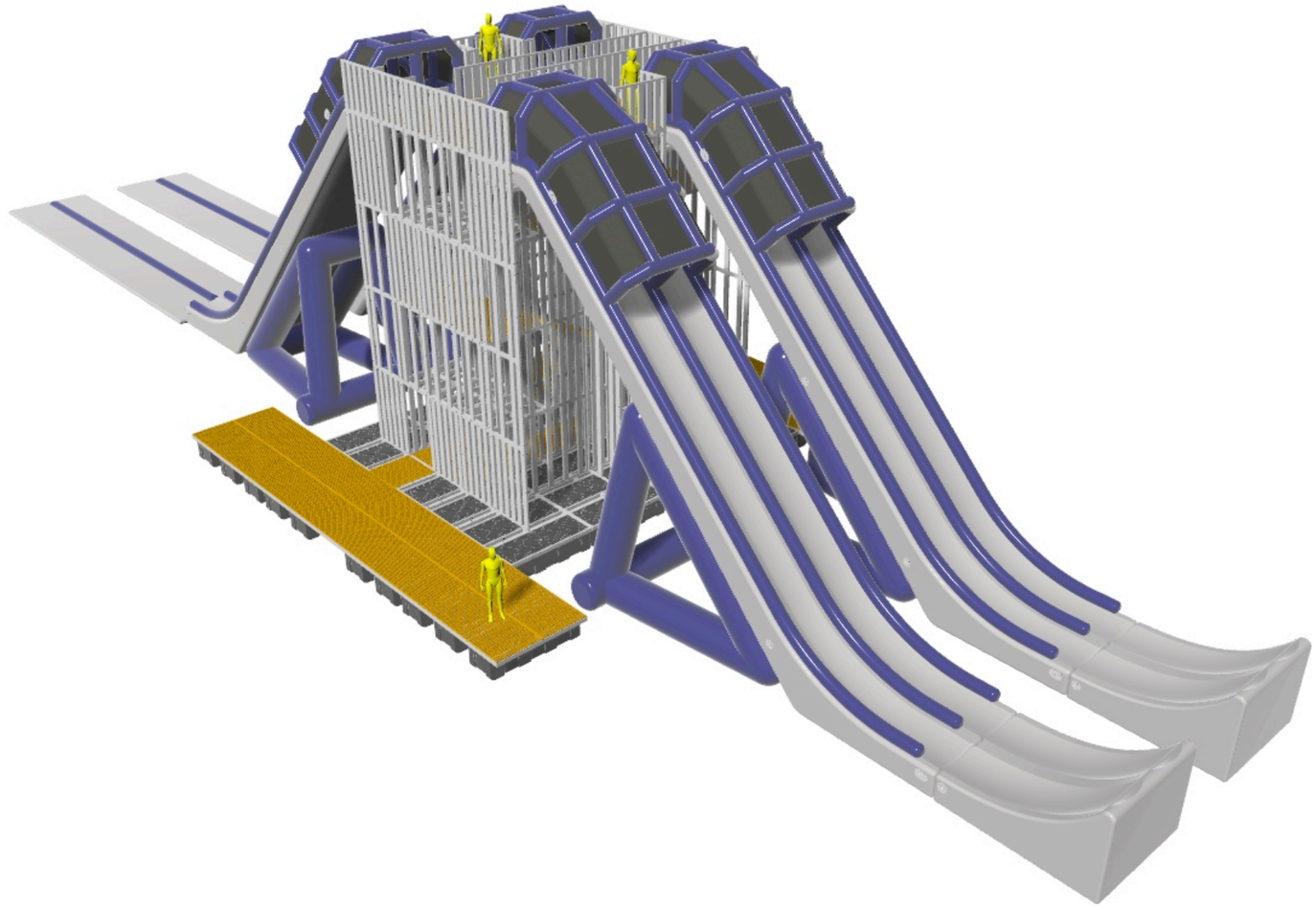


AQUA STACK 4

STACK THE LEVELS. ADD THE SLIDES.

AQUA STACK 4

FOUR DOUBLE-BARREL SLIDES



AQUA STACK 4 WITH FOUR SLIDES, MODEL VIEW

A modular floating tower system for aqua parks, lakes, quarries, rivers and estuaries, and for salt water in harbours and at sea. Stack the levels you want, up to four stacks and the top deck, and select the Aquaglide slides and features to suit. Handled by hand, built on the water, and reconfigurable throughout its working life: add features, add a stack, add another.

Stack the height

One stack module, repeated: every level has the same stair flight, decks and guarding, on one base and one footprint, and the launch deck rises with the count. Three and four stacks are the standard towers; other heights are quoted to order.

Choose the slides

Four slide ports, two on each face. Run one slide or four, on one face or both, in any mix of double kickers and double runways from the Aquaglide range.

Two instructor decks

One over each splash zone, so both landings are in view from the top deck at all times. The guarding is the structure itself: welded aluminium bar panels, with no netting.

Handled by hand

Every module is sized to be carried, launched from a bank or a hardstanding, and built on the water, with no cranes and no heavy machinery.

Grows after installation

Add slides at any time, or add a stack and an Aqua Stack 3 becomes an Aqua Stack 4. The base, the stair and the ports are designed for the full tower from day one, so the upgrade path is always open.

Proven on the water. The first Kiboko tower has been running at Adrenalin Quarry since August 2026.

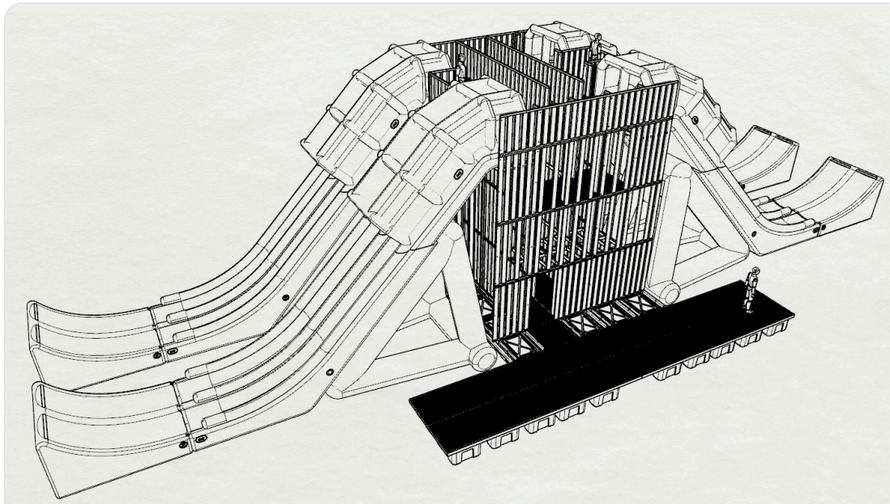
1 TO 4
STACKS

1 TO 4
DOUBLE-BARREL SLIDES

50
RIDERS ON THE TOWER

0
CRANES OR HEAVY MACHINERY

AQUA STACK 3. AQUA STACK 4.



AQUA STACK 3 THREE STACKS

The lower tower, with three stair flights to the launch deck, and built to take a fourth stack later.

STACKS	3
LAUNCH DECK ABOVE WATER	7.04 m
SLIDE PORTS	4, two each face
DOUBLE-BARREL SLIDES	1 to 4, Aqua Stack 3 length
MAX ADVISED LOAD	6.5 t · 14.5 t on the 600F base
RIDERS ON THE TOWER	50
BASE	CUTLASS 400F, 600F option
FLOAT CELLS	40
WIDTH	14.8 m
SPLASH ZONES, KICKERS BOTH FACES	[[x.x]] m

Later: Becomes an Aqua Stack 4 with a stack module and two runs of four float cells added to the base, fitted on the water. Slides are exchanged for the Aqua Stack 4 length.

The same tower, with or without a fourth stack. The stair, the decks, the guarding and the ports are shared, so the choice is the height you want now and whether you want to grow later. Aqua Stack 3 and Aqua Stack 4 are the two standard towers; other heights are quoted to order.

SHARED BY BOTH TOWERS

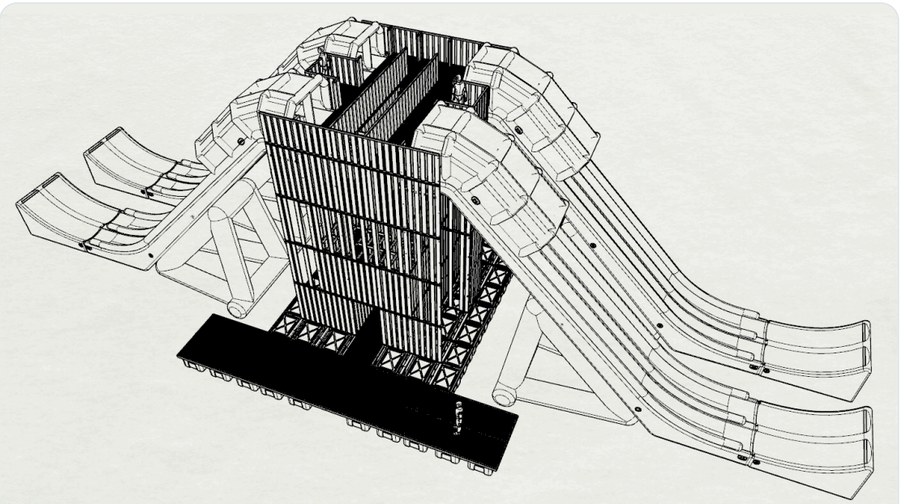
14.8 m
WIDE, BOTH TOWERS

50
RIDERS ON THE TOWER

4
SLIDE PORTS, TWO EACH FACE

2
INSTRUCTOR DECKS

- I-plan base with the climb-out at the end of each leg
- Central stair with two exits at the top
- Welded aluminium bar-panel guarding, no netting
- Barefoot GRP decking on every deck and tread
- Bare aluminium alloy, nothing painted
- Water-ballast trim tuning



AQUA STACK 4 FOUR STACKS

The full tower, with four stair flights to reach the higher launch deck.

STACKS	4
LAUNCH DECK ABOVE WATER	9.28 m
SLIDE PORTS	4, two each face
DOUBLE-BARREL SLIDES	1 to 4, Aqua Stack 4 length
MAX ADVISED LOAD	8.1 t · 17.7 t on the 600F base
RIDERS ON THE TOWER	50
BASE	CUTLASS 400F, 600F option
FLOAT CELLS	48
WIDTH	14.8 m
SPLASH ZONES, KICKERS BOTH FACES	37.3 m

Future-proof: An anticipated 30-year service life for the aluminium structure, compatible with the full Aquaglide slide range, and grown with more slides or with the park around it.

ONE TO FOUR SLIDES. YOUR CHOICE OF PORTS.



Adrenalin Quarry
DOUBLE-BARREL SLIDES IN USE



Launch
THE KICKER, THE AIR, THE SPLASH ZONE

Choose your Aquaglide slides to suit the stack height and the site, supplied and supported by Watersports World. Choose how many, which face and which exit, then add or reconfigure later.

Four ports, two faces

Two ports on each broad face of the tower. Run both faces for two splash zones, or two slides on one face for a single-face park.

Stack for height

Slides for Aqua Stack 3 and taller, longer slides for Aqua Stack 4: the launch height is what makes the difference. The exits and the ports are the same.

The full Aquaglide range

Variable-height double kickers with a 1.5 m or a 2 m kicker, and double runways for a long, fast run-out. Any Aquaglide slide exit can be supplied to fit any port.

Variable slide height

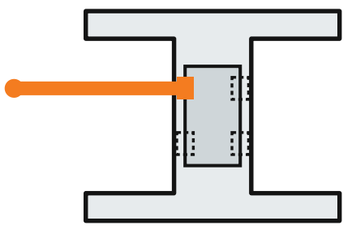
The hook-on point for each slide's entry canopy adjusts, so the tower takes different models and future Aquaglide releases without alteration.

Add slides at any time

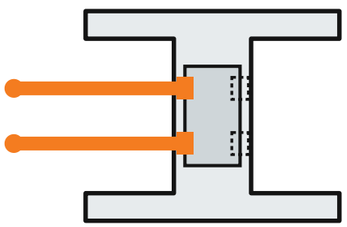
The ports are there from day one: unused ports are blanked for safety and brought into use later, with the tower in service. Slides are consumables with a service life; the tower is not.

Trimmed with water ballast

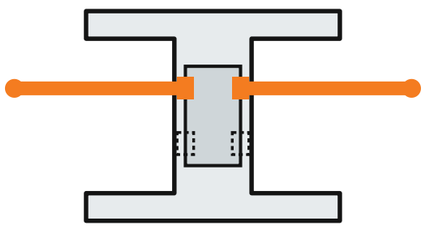
The base is water-ballasted to tune the differential loading, so slides on one face or two, kickers or runways, sit level.



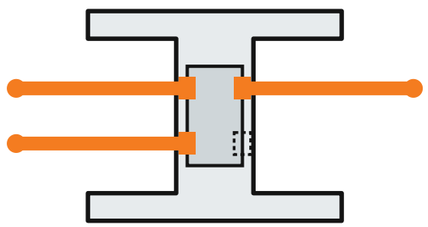
One slide
ONE FACE



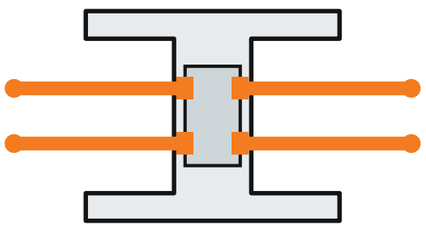
Two slides
ONE FACE, A SINGLE-FACE PARK



Two slides
BOTH FACES, TWO SPLASH ZONES

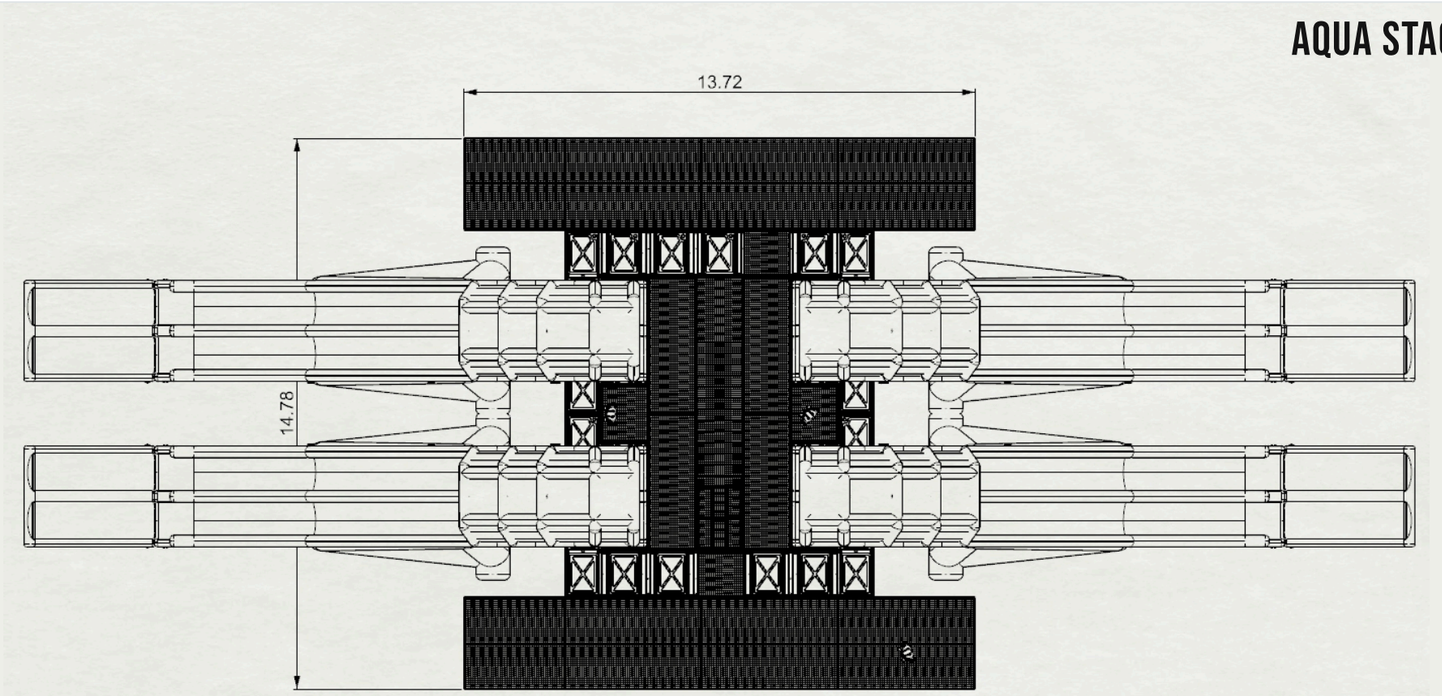


Three slides
BOTH FACES

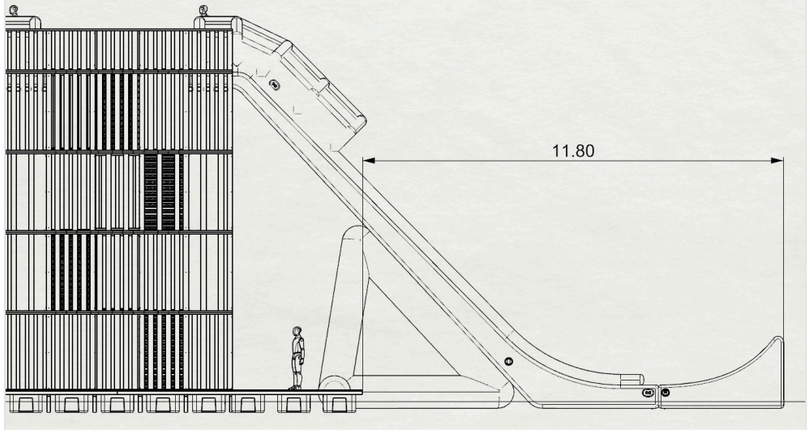


Four slides
THE FULL TOWER

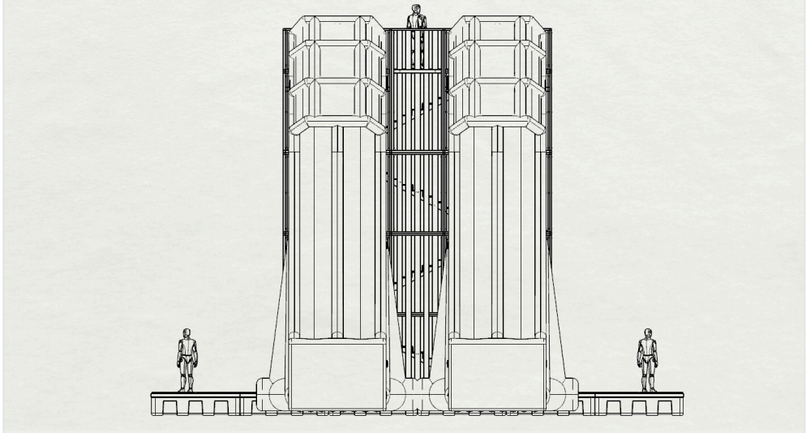
WHERE IT GOES. WHAT IT NEEDS.



FOOTPRINT · BASE 13.72 BY 14.78 M · METRES



A KICKER SLIDE AT THE FOUR-STACK LEVEL REACHES 11.8 M FROM THE BASE



END ELEVATION · 14.8 M WIDE

The base is the only fixed footprint: 13.7 m by 14.8 m. The slides and the splash zones are positioned for each site, drawn on the layout and signed off with it, so the space the park gives up is settled before anything is built.

Space in the park

Slides run straight out past the ends of the base on one face or both. A kicker reaches 11.8 m from the base and a runway about 23.3 m, with the splash zone beyond; an Aqua Stack 4 with kickers on one face and runways on the other is about 48.8 m overall.

Water depth

A minimum of 300 mm under the base at its fully laden draught: 300 mm on the standard base, 500 mm on the high-capacity base. Splash zone depth is to the slide supplier's requirements.

Mooring

To the site design, with the anchorage attachments fitted in the factory (page 9), and a pontoon walkway attachment for dry access if the park wants one. The tower needs no power supply.

Getting it in

Modular and handled by hand: launched in sections from a lakeside hardstanding or a grassy bank and built on the water, so it goes into parks a crane could never reach. Vehicle access to the bank helps and shortens the job, but it is not required.

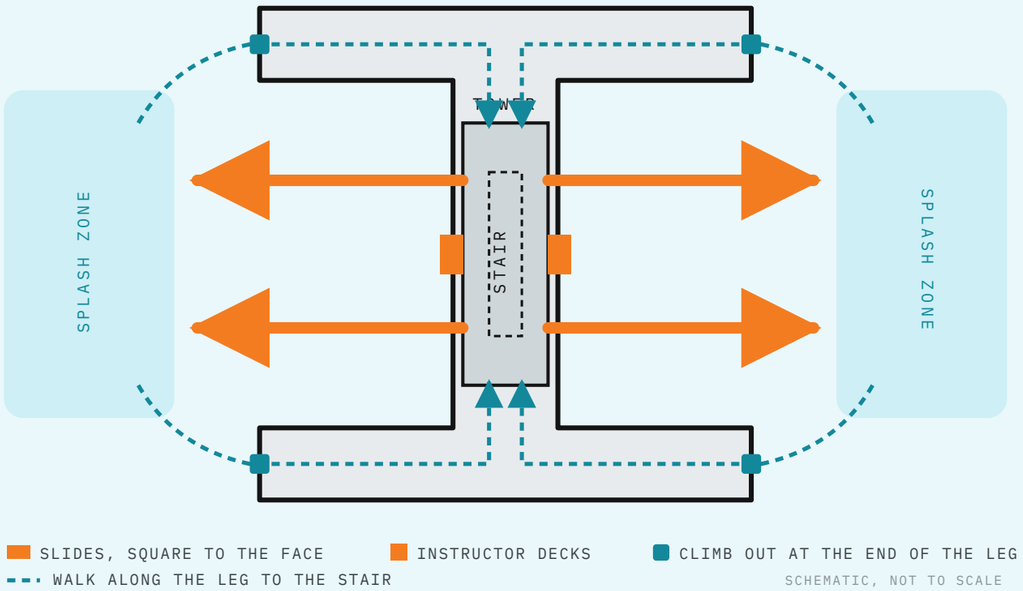
Orientation

Both faces working, or one face running and the other side quiet. Orientated to the park's walkways and to where spectators stand, with the slide faces towards the prevailing breeze rather than across it. The legs of the I-plan base reach towards each splash zone, so the climb-out is close to where riders land.

Wind and shelter

A tower stands in the wind like a sail, so sheltered water helps and the layout is checked against the site's exposure. Riders come off above 10 m/s (Force 5, about 20 knots), the limit UK guidance sets for inflatables and inside the slide supplier's own stop; on a gale forecast the slides are deflated and stowed and the tower stays put, on moorings designed for the site's storm wind.

SAFE BY DESIGN. SIMPLE TO RUN.



Customer flow

Up the central stair, left or right at the top, straight down the slide and out past the end of the base into the splash zone. Riders climb out at the end of the nearest leg of the I, walk along the leg to the centre and back to the stair, so the loop is short and the re-entry is natural.



Aqua Stack 4 · top deck
FROM THE INSTRUCTOR DECK, BETWEEN THE SLIDE ENTRIES

Instructor decks

One over each face of the tower, between the slide entries. The whole run is in view, launch to climb-out, from the top deck.

Two exits, two directions

One way for the challenging slides and the other for family slides, or run it however suits the park.

Guarding built in

Bar panels to the gap and height rules of BS EN 1069-1, with no netting.

Re-entry designed in

The legs of the I-plan base bring the climb-out to the riders, not the riders to the climb-out.

Everything inspectable

Every member, weld and bolt is reachable from the decks and the base.

Bad weather

When a storm is forecast the slides are deflated and stowed, and the tower stays put.

Designed to multi-territory standards

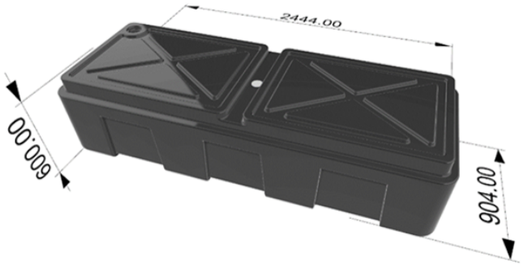
The operating model the tower is designed around, instructors, signalling and dispatch, follows the standard for the territory it goes to: BS EN 1069-2 in the UK and Europe.

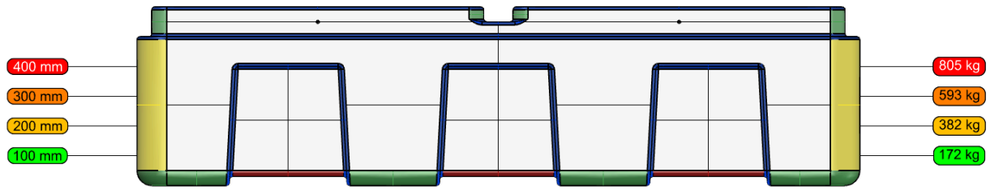
ENGINEERED TO INDUSTRIAL MARINE STANDARDS.

DISPLACEMENT BY DRAUGHT · COMPUTED FROM THE MOULD GEOMETRY, FRESH WATER

CUTLASS 400F STANDARD BASE

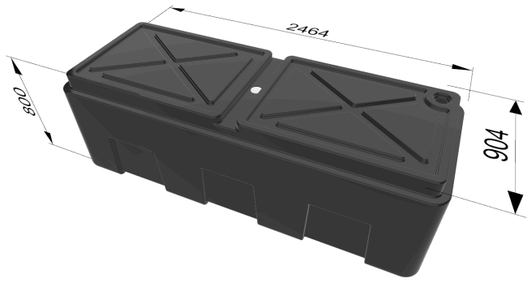
2,444 X 904 X 600 MM · 300 MM FULLY LADEN DRAUGHT · 400 KG ADVISED LOAD PER FLOAT

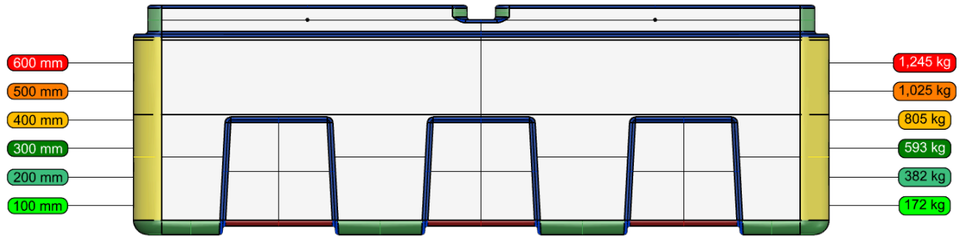




CUTLASS 600F HIGH-CAPACITY OPTION

2,464 X 904 X 800 MM · 500 MM FULLY LADEN DRAUGHT · 600 KG ADVISED LOAD PER FLOAT





Displacement is the cell's buoyancy at each draught in fresh water. The advised figure for a tower is lower and stated as a max balanced load, with the margin held.

Float cells we mould ourselves in the UK, a bare aluminium alloy structure, barefoot decking, and nothing that needs painting.

CUTLASS float cells, moulded by us

Rotomoulded in our own factory in Poole: a sealed polyethylene shell with a closed-cell foam liner fully encapsulated inside it and no bead foam anywhere. The same industrial marine float cell carries our pontoons and floating homes.

Standard base: CUTLASS 400F

Forty-eight cells under an Aqua Stack 4 and forty under an Aqua Stack 3, 300 mm fully laden draught with 300 mm of float above the water, and a max balanced load for slides and riders of 8.1 t (Aqua Stack 4) or 6.5 t (Aqua Stack 3). Water-ballast trim built in.

High-capacity option: CUTLASS 600F

The deeper cell on the same frames: 500 mm fully laden draught and a max balanced load of 17.7 t (Aqua Stack 4) or 14.5 t (Aqua Stack 3), for parks expecting the heaviest loads of riders, and for exposed water, where wind and wave call for the extra freeboard. Quoted as an option on either tower.

Bare aluminium alloy

Structural aluminium throughout, so there is nothing to paint and nothing to rust, in salt water or fresh.

Barefoot GRP decking

A small-opening, barefoot-grade surface on every deck, landing and tread.

Bolted on site, welded in Poole

Welded modules from the workshop, bolted together on the water. The same modularity lets a stack or a pair of slides be added later.

Documented

Every weld to a declared level, every design decision in a design record, and every requirement of the water-slide standard tracked in a compliance register (page 11).

40 OR 48
FLOAT CELLS, AQUA STACK 3 OR 4

8.1 T
MAX LOAD, AQUA STACK 4, 400F BASE

17.7 T
MAX LOAD, AQUA STACK 4, 600F

300 MM
FULLY LADEN DRAUGHT, 400F

500 MM
FULLY LADEN DRAUGHT, 600F

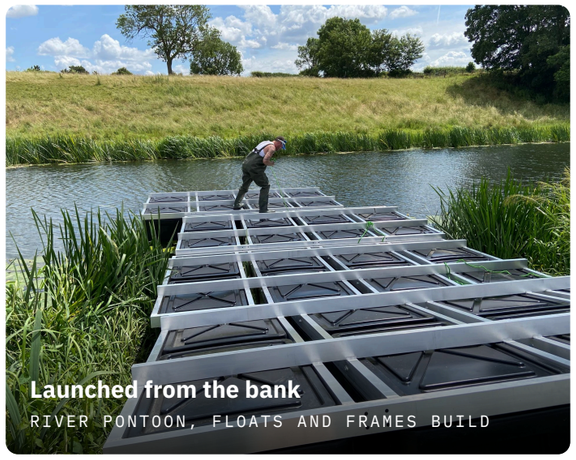
NO CRANES. NO HEAVY MACHINERY.



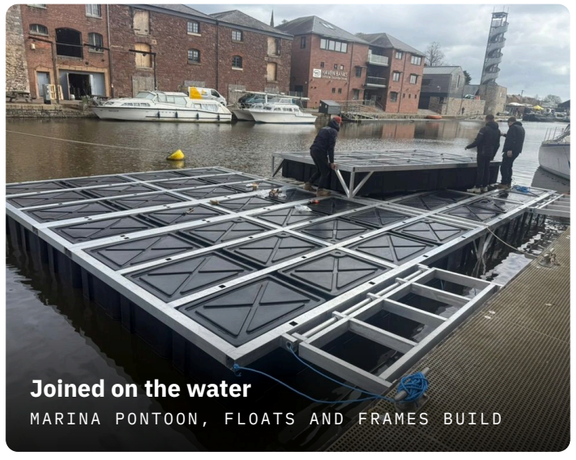
Adrenalin Quarry, during the build
BUILT ON THE WATER, BY HAND



Handled by hand
PONTOON BASE, FLOATS AND FRAMES BUILD



Launched from the bank
RIVER PONTOON, FLOATS AND FRAMES BUILD



Joined on the water
MARINA PONTOON, FLOATS AND FRAMES BUILD

Every module is handled by hand, launched from a slipway, a hardstanding or even a challenging bankside, and assembled panel by panel on the water.

1. **Consult**
   Together we choose the stack count, the slides and the first configuration, for the park you run now and the one you plan.

2. **Site check**
   Depth, access, mooring and splash zones are confirmed on a visit.

3. **Arrival**
   Modules are carried to the water's edge. Vehicle access to the bank helps and shortens the job, but it is not required.

4. **Base**
   Float modules and frames are launched in sections and joined on the water.

5. **Tower**
   Stair, decks and guard panels go up stack by stack, on the water.

6. **Slides**
   The slides are fitted and inflated, and the base is trimmed with water ballast.

7. **Sign-off**
   Commissioning checks, chartered engineer sign-off, operator briefing and the handover pack.

8. **Evolve**
   Further stacks, slides and features are added in future seasons, with the tower in service: the site grows with the park.

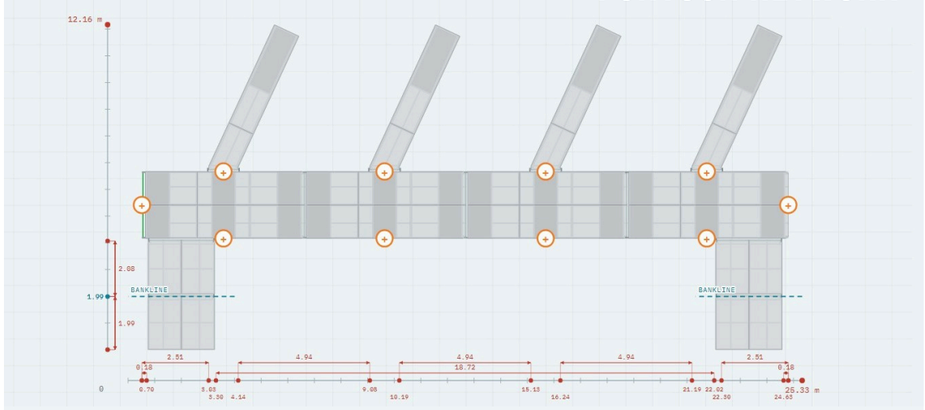
AROUND THE TOWER.

FLOATS AND FRAMES

MODULAR PONTOON SOLUTIONS

The tower sits on the same modular pontoon system Floats and Frames builds every day. Everything around it is fabricated in Poole, quoted with the tower or added later.

PONTOON NETWORK



FLOATS AND FRAMES MARINA ARRAY · PLAN



Articulated gangplank to a pontoon array
FLOATS AND FRAMES BUILD

01
Walkway linkages

Pontoon walkways from the bank and between structures, on the same CUTLASS float cells as the tower.

02
Diving ladders

Marine-grade ladders at the climb-out points and wherever the park needs a way out of the water.

03
Anchorage attachments

Mooring and anchor fittings engineered for the site and fitted in the factory.

04
Articulated gangplanks

Hinged gangplanks from the bank that follow the water level.

05
Custom fabrications

Diving boards and platforms, stand-up paddleboard and kayak storage, in aluminium and GRP, to order.

06
Multi-tower connections

Two or more Aqua Stacks linked by pontoon, with the walkways, lookouts and customer flow designed as one park.

07
Full aqua park infrastructure

The complete floating walkway network around the tower, designed, fabricated and installed with it.

08
Something else

The workshop fabricates to order. If it floats, carries people or ties a park together, ask.

TOWER. INSTALLATION. SLIDES.

AQUA STACK 3 THREE STACKS

STANDARD TOWER · ADDITIONS AND SLIDES PRICED SEPARATELY

Tower, fully fabricated	£160,248
Installation and sign-off QUOTED TO YOUR LOCATION	£22,400
Shipping and import duties UK OR INTERNATIONAL, WHERE APPLICABLE	QUOTED INDIVIDUALLY
Tower, installed* *PLUS SHIPPING AND DUTIES	£182,648

ADDITIONS

Slides, one to four per tower PRICED EACH IN THE TABLE	ADDITIONAL
High-capacity base, CUTLASS 600F OPTIONAL UPGRADE	£8,178

One price for the fabricated tower, installation and sign-off quoted to your location, shipping and duties only where they apply, the slides on top as many as you want, and the high-capacity base as an option.

SLIDES, PRICED EACH

	AQUA STACK 3	AQUA STACK 4
Double kicker, 1.5 m kicker	£[[x,xxx]]	£[[x,xxx]]
Double kicker, 2 m kicker	£[[x,xxx]]	£[[x,xxx]]
Double runway	£[[x,xxx]]	£[[x,xxx]]

From the Aquaglide range, any exit on any port.

INCLUDED IN THE TOWER PRICE

- Design and engineering to comply with the installation territory
- Fabrication in our Poole workshop, with the float cells moulded in-house
- Four slide ports, two instructor decks, the I-plan base and water-ballast trim
- The CUTLASS 400F base: 48 cells under an Aqua Stack 4, 40 under an Aqua Stack 3
- 15-year warranty on the tower and the float cells
- Advised service and inspection schedule, agreed for the territory and the site

Installation and sign-off are quoted to your location, UK or international, so each customer pays for their own site and nothing else. The figures shown are the UK basis: our crew on site, their accommodation, and the chartered engineer's sign-off. Shipping and import duties are added only where they apply, and add-ons (page 9) are quoted with the tower or later.

Prices exclude VAT, in pounds sterling, valid for 30 days from quotation and confirmed in writing after a site visit. Payment: 50% deposit, 25% mid-build and 25% on delivery.

AQUA STACK 4 FOUR STACKS

STANDARD TOWER · ADDITIONS AND SLIDES PRICED SEPARATELY

Tower, fully fabricated	£180,751
Installation and sign-off QUOTED TO YOUR LOCATION	£25,400
Shipping and import duties UK OR INTERNATIONAL, WHERE APPLICABLE	QUOTED INDIVIDUALLY
Tower, installed* *PLUS SHIPPING AND DUTIES	£206,151

ADDITIONS

Slides, one to four per tower PRICED EACH IN THE TABLE	ADDITIONAL
High-capacity base, CUTLASS 600F OPTIONAL UPGRADE	£9,297

AVAILABLE WORLDWIDE.

UK + EU

DESIGNED TO THE WATER-SLIDE STANDARD, BS EN 1069-1 AND 1069-2 (2026)

INTERNATIONALLY COMPLIANT

COMPLIANCE DOCUMENTATION FOR THE EU, CANADA AND THE USA; AUSTRALIA AND NEW ZEALAND STANDARDS ON REQUEST

BUILT IN THE UK

DESIGNED AND FABRICATED IN OUR OWN WORKSHOP IN POOLE, ENGLAND

Internationally available, with standards and compliance documentation to match your territory. Designed to the UK and European water-slide standard first and built in Poole, with the evidence held for every territory listed; where a territory sets a stricter requirement, the stricter value is adopted and the design adapted to conform, so one design serves every market we sell into.

Every requirement of the water-slide standard is tracked in a compliance register against the design, and every design decision is justified in a design record. An extract for the site is part of the handover pack.

DESIGNED TO

BS EN 1069-1:2026	Water slides: safety requirements and test methods. The design basis.
BS EN 1069-2:2026	Water slides: instructions. The operator pack.
BS EN 1999-1-1	Eurocode 9, design of aluminium structures.
BS EN 1090-3	Execution of aluminium structures, at a declared execution class.
ISO 3834 · 9606-2 · 15614-2 · 10042	Welding quality, welders, procedures, weld levels.
Canada · USA	Territory requirements tracked against the design; stricter values adopted where they apply.
Australia · New Zealand	Standards documentation on request.

IN THE HANDOVER PACK

- Compliance register extract for the site
- Design record extract
- Operator instructions to BS EN 1069-2
- Inspection and maintenance schedule
- Installation and commissioning record
- Statement of conformity

Designed to, and evidenced against, the standards listed. Nothing here is a claim of third-party certification. Welding to the quality requirements of ISO 3834-2, with welders qualified to ISO 9606-2, procedures to ISO 15614-2 and weld levels declared to ISO 10042. Fabricated in Poole for the UK and Europe. For other territories, a certified local partner may fabricate to our drawings, execution specification and inspection plan.



Float cells by road
SHIPPED AS MODULES



Framed sections by road
SHIPPED AS MODULES

TALK TO US.

WATERSPORTS WORLD UK

PREMIUM WATERSPORTS DISTRIBUTION

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Lancashire OL13 9RW

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KIBOKO

FLOATS AND FRAMES

MODULAR PONTOON SOLUTIONS

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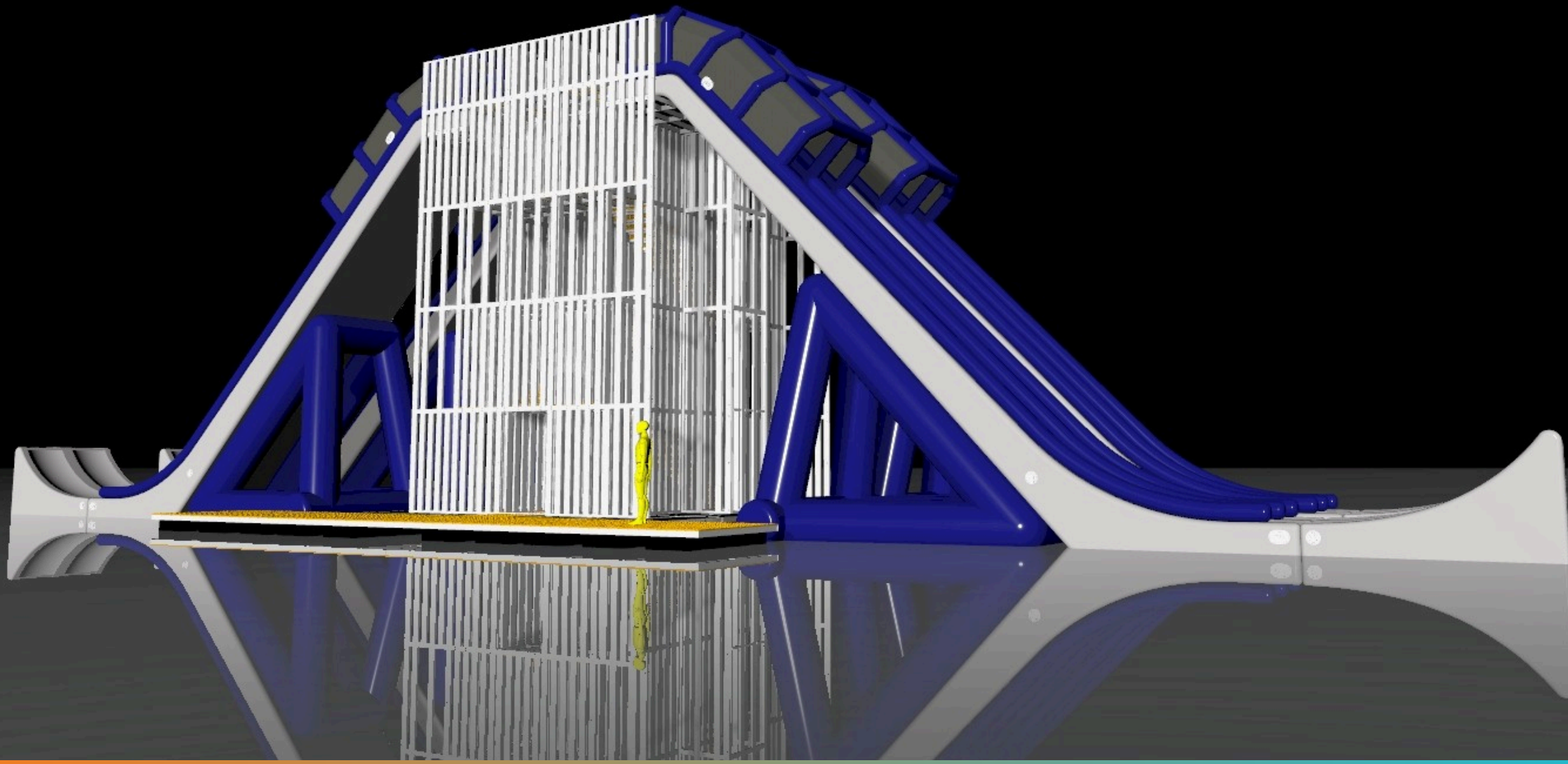
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