

SENSATIONAL POOLSLIDE

**We only do slides.
And we're good at it.**



SETTING A NEW STANDARD

UNMATCHED SAFETY

Our pool slides are SAFE! SUMMIT USA has an unblemished safety history. Our slide systems present a different approach to the slide, literally. Our full, standing platforms with high siderails and sit-down assist bars are important safety features. Rotational-molded polyethylene is resilient, and as slippery as Teflon®, even without water jets.

COMPLIANCE

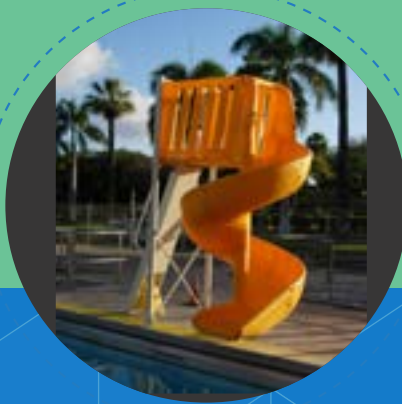
SUMMIT-USA slides meet or exceed all current US and international standards for swimming pool slides and playground slides. USCPSC, NSPI, ANSI, ASTM* * Poolless slides must comply with ASTM 1487-xx

INFORMATION & PRICES
www.poolslide.com

WARRANTY
 3-Years for plastic parts . 5-Years for metal parts



MARINER



CYCLONE & EMBANKMENT



AQUA DELUXE



BAKER TUBE SLIDES



ADAMS OR TWISTER



CUSTOM



WADING POOL & POOLLESS

EXTRAORDINARY VARIETY

Clarify your selection criteria.

- Commercial or heavy duty residential?
- Deck mounted or embankment?
- Open or closed? Or combination?
- Compact or expansive?
- Our platform or yours?
- Ladder or stairs?
- Standard model or custom design?
- Swimming pool, wading pool, splash pad, or dry?

SUMMIT USA Manufactures **SWIMMING POOL SLIDES** And Nothing Else

BROADEST SELECTION

All our products are COMMERCIAL GRADE, meaning they are durable enough for more than a thousand sliders per day. This means longevity, low maintenance, and durability for commercial and residential pools.



INFORMATION & PRICES
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SUMMIT USA



A WORD ABOUT SAFETY

Swimming pool slides are inherently safe. It's much safer to slide into the pool than to jump or dive.

We say, "There are no slide accidents." Those problems occur on either end of the slide. As long as the slider is in our deep plastic bedway, he is guided along a predetermined path and deposited safely into the pool.

SUMMIT USA is proud of our unblemished safety history. We're very careful with our slide and structure designs. We understand the potential hazards involved when you combine 'slippery' and 'gravity'.

ADAMS uses our smaller, TWISTER modules and starts from a CASCADE ladder system. (See separate page for ladder descriptions)

TWISTER bedway is 18" wide x 11" deep, and has the same selection of components as CYCLONE, except for transitions.

We prefer, of course, to sell our standard models, but some customization is possible.



Typical water depth at slide exit is 48". A normal slide installation results in the slide exit overhanging the pool about 8". This is true for Adams and all other styles. We can, though, make some configuration changes that permit shallower water and reduced overhang.

We want you to be confident that any slide you select will be right for your pool. If you send us a dimensioned sketch or drawing, we will redraw in AutoCAD and place your slide in the drawing.

**See page 19 for specifications and backfilling precautions.



MARINER

MARINER is the 48" square platform system developed as a stage for ALL of our slide styles. MARINER is infinitely customizable. Because it's a surface-mount system, you needn't disrupt your entire facility to install one.

Hundreds of sizes and styles!

Expandable horizontally and vertically, you can install a basic unit this year and add a deck or slide next year.

Just remove a SIDERAIL and drop in a CHUTE to add a TUBE slide.

Or replace the SIDERAIL with a sit-down-bar to add a CYCLONE slide.

Or replace the SIDERAIL with a HOOD to add a TWISTER slide.

Or replace the SIDERAIL with the AQUA DELUXE slide.

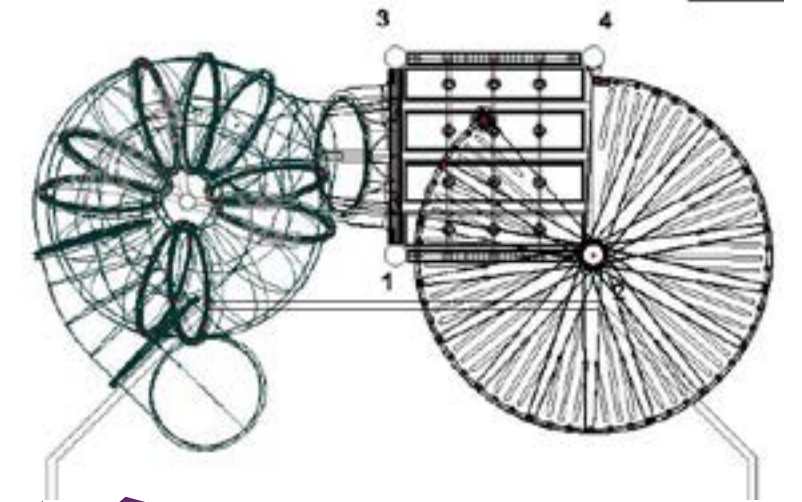


This MARINER went to Pennsylvania.

MARINER uses a stair rather than a ladder. Stair can be straight or spiral, or both.



Competitors' 90° tube slides start from a flat panel. We see this as a problem. The slider must climb into the tube and scoot forward until it becomes a slide, tempting the slider to enter headfirst. Hundreds of sizes and styles! Our sloped ENTRY CHUTE incorporates an overhead sit-down-bar to assist entry into the descending tube. The bar also acts as a 'launcher', encouraging feet-first sliding.



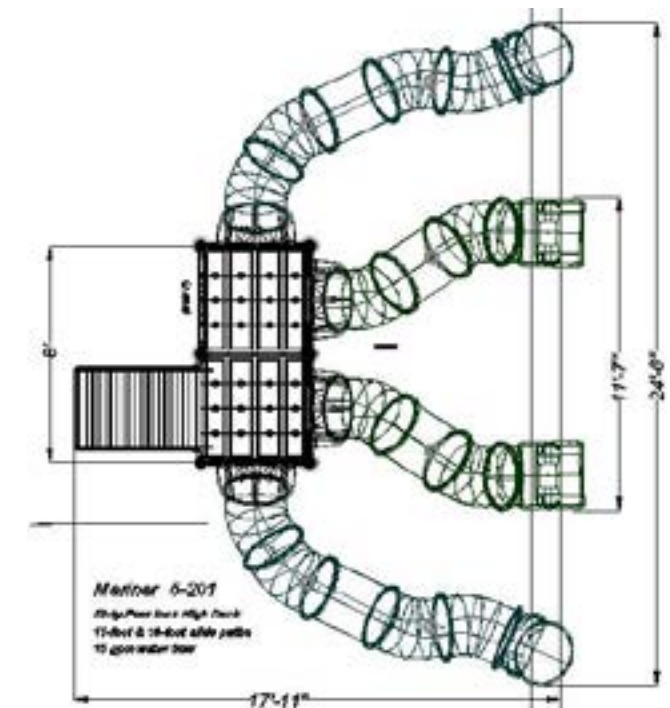
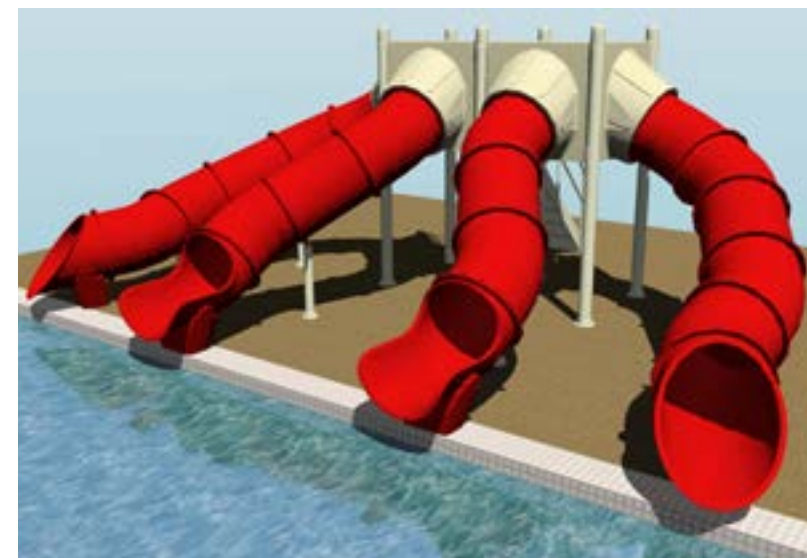
This MARINER went to a hotel in Canada. The 40' long slide fits in a 6'x15' space, with the spiral stair overhanging the pool. It's a surface-mount system, so no remodeling of the facility was necessary.



This MARINER went to a hotel in Ukraine.



This MARINER went to a resort in Tennessee.



MARINER

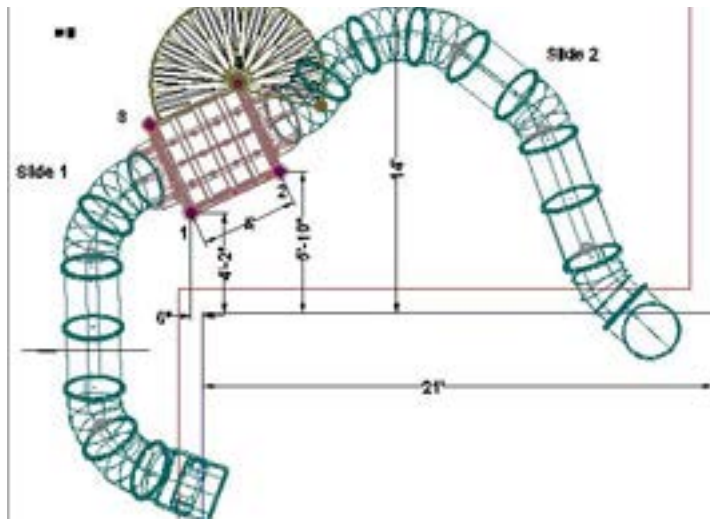
STARTING THE DESIGN PHASE

Send us a dimensioned sketch or drawing of your site, and a description of the slide you'd like to see on it. We will provide you drawings, pictures, and quote, and will refine the design until it's perfect.

ASSEMBLY and INSTALLATION

Drawings, manuals, and videos accompany every slide. Most installations can be accomplished without a crane or man-lift, using only a ladder.

No special tools or skills are needed. Most hardware are common shelf items.



A system we designed and proposed for a YMCA camp, based upon sketches we received.



The graphic we sent for customer review.

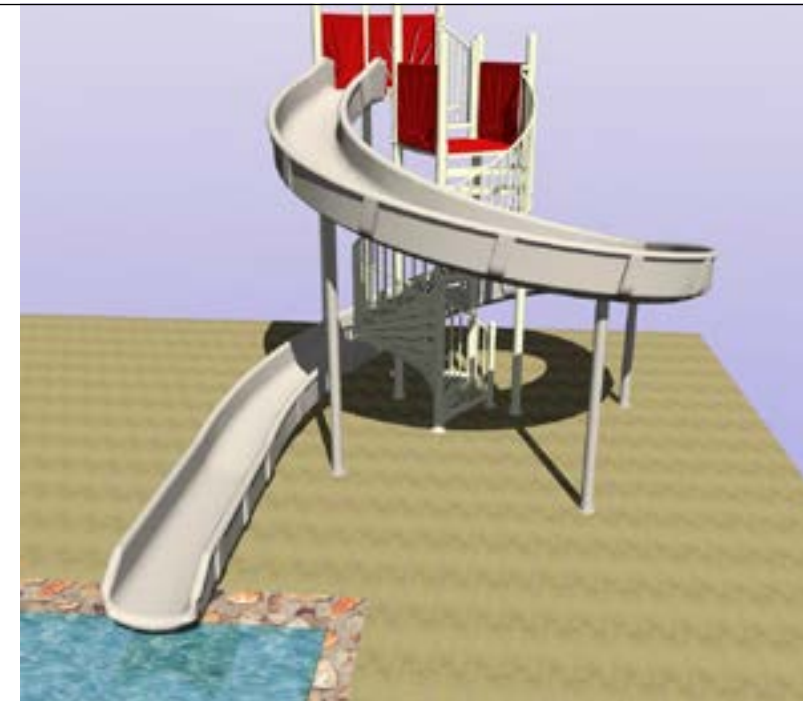


Our proposal was accepted and installed...



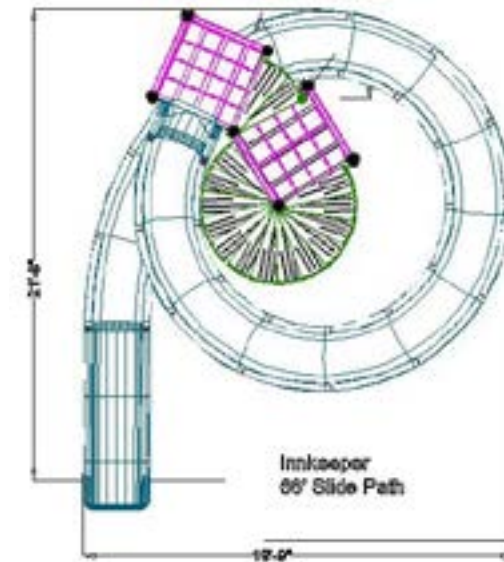
And enjoyed!

INNKEEPER



As the name implies, this version of MARINER was designed specifically for Hotel/Motel use. The CYCLONE slide has a 68ft path, yet requires only a 20ft x 20ft (6m x 6m) space.

Since it uses a meager 5gpm, you may not need a dedicated pump system if you can tap your pool's pump. The entire system is surface-mounted using approved masonry anchors. Select colors to compliment your facility. Change direction of slide and/or stair. Add another slide.



ABOUT CODE COMPLIANCE

Our designs are based on the federal requirements of US Consumer Product Safety Commission. We also adhere to ASTM guidelines for playground equipment, as well as BOCA, IBC, and ICBO, where possible.

A permit may be required in your locale.

State and local codes are often at variance with CPSC. Many are unwritten. Since we cannot anticipate all these wide-ranging requirements, you must check with your local Health Department for current regulations.

We can, sometimes, modify the slide to meet your inspector's administrative needs or personal desires. We cannot provide an engineer's stamp in each state, but we will gladly cooperate with your engineer.

AQUA DELUXE

Our first waterslide, AQUA DELUXE is still our most popular style. It offers an exhilarating ride within a tiny footprint. The sturdy construction, low waterflow (1gpm), and low maintenance make it attractive for any venue.

Adding 90° turn modules will change height (14") and amount of rotation. For instance; the 5ft high model uses three 90° turns (270°). The 6ft high model uses four 90° turns (360°). The 9'-6" high model uses seven 90° turns (630°). The 10'-8" model uses eight 90° turns (720°).

The plastic slide has a 30" radius (60"Ø). Centerpost setback is about 22".

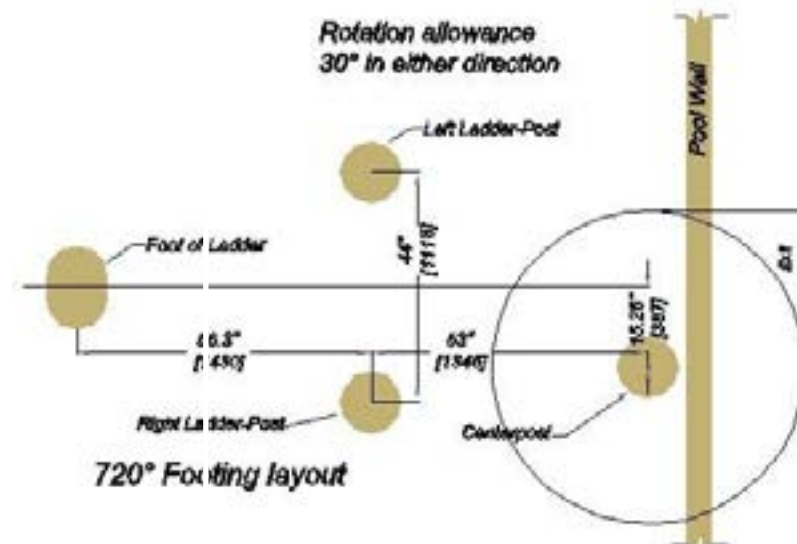


AD450---7ft High

Our best selling model, AQUA DELUXE 450's ladder is parallel to the pool to save space. It has a 10' x 5' (3m x 1.2m) footprint.



AD720---10'-8" High w/rail extenders



AQUA DELUXE ALTERNATIVES

Beside height and degrees of rotation several other modifications are available.

The standard entry platform uses a 65° LADDER with 6" non-slip treads and a closed back, but the SPIRAL STAIR (above) can be substituted for a more dramatic appearance and reduced unit size.

The standard EXIT MODULE can be replaced with the CYCLONE TRANSITION module, enabling a greater setback, or a longer runout, or a continuation of the slide length.



With the addition of the CYCLONE TRANSITION module we can fit AQUA DELUXE into configurations that were formerly impossible.

To create a long slide in a short space it's necessary to 'scrub' elevation quickly using a compact spiral.

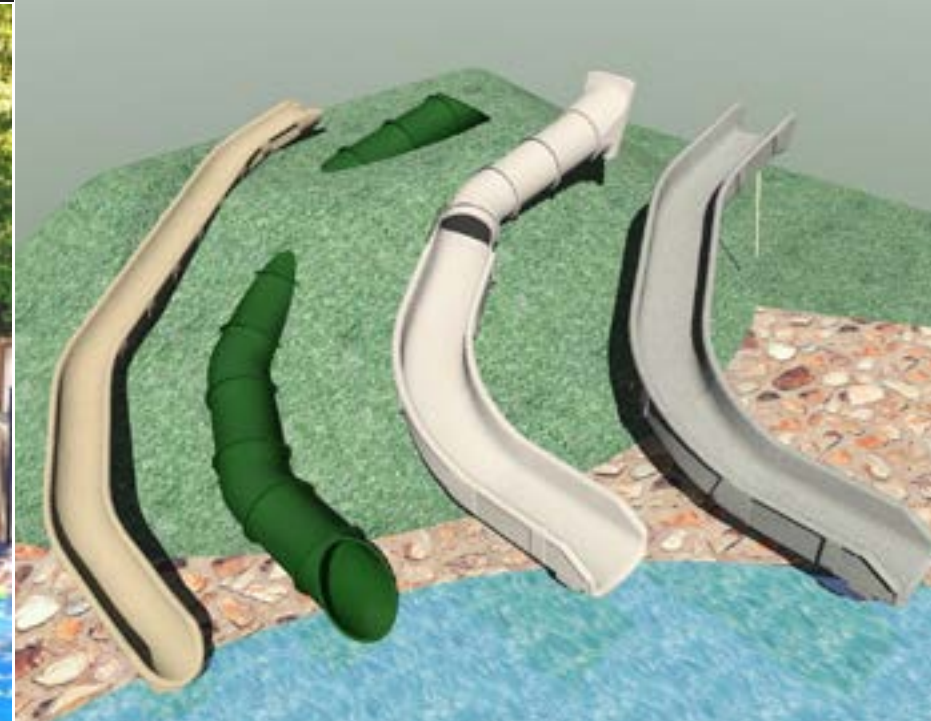


CYCLONE, EMBANKMENT, CUSTOM

CYCLONE has been so popular that we created transition modules for the TUBE slide and the AQUA DELUXE.

MARINER and RAINIER structures are designed for **CYCLONE**.

CYCLONE has a 28"-wide x 18" deep bedway.



Illustrating 4 ways of creating an identical slide path, and two different Tube Entries.
Left to right; Twister, Tube, Tube/Cyclone, Cyclone.

Embankment slides are buried, bermed, landscaped, or rockscaped to blend into their environment. A homeowner who just spent \$100,000 on his yard may have a tough time convincing his wife to approve a long plastic slide. OK. Hide it.

These slides can be installed in, on, or above ground. They can be approached from a pad or deck, or from one of our ladders.



CYCLONE is often used as an embankment slide where it can be incorporated into the landscaping.
**See page 19 for specifications and backfilling precautions.



CYCLONE, EMBANKMENT, CUSTOM

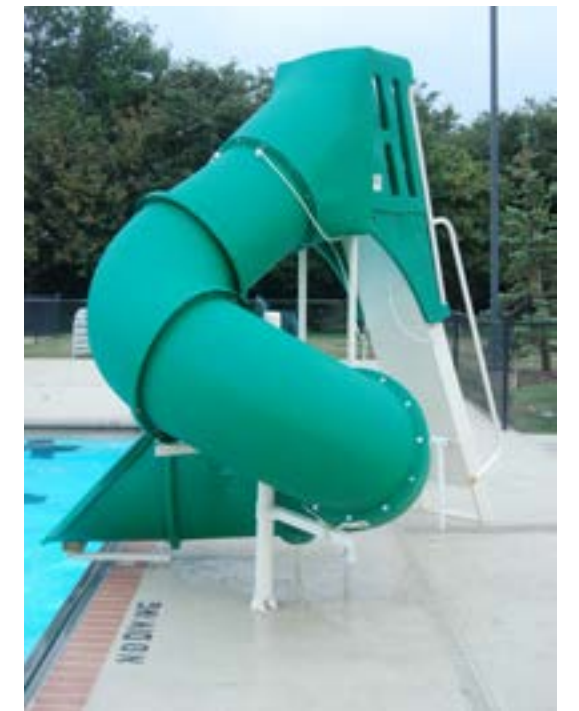
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BAKER

The BAKER series uses our 27" ϕ tubes and starts from our CASCADE ladder system. Alternatively, you can specify the wider, taller RAINIER ladder. For greater peace-of-mind you can specify the UPGRADE ladder system. (See page 17 for ladder descriptions)

All of our slide systems incorporate a walking platform and overhead sit-down-assist bar for increased safety. Several different ENTRY styles and EXIT styles allow greater design freedom.

SAFARI-1&2

Let's not forget our friends with aboveground pools. SAFARI 1 and SAFARI 2 are built with the same high quality components as the rest of our line.

SAFARI-1 mounts to the deck beside your aboveground (or inground) pool. This is another application for our 3-foot high Banana Slide. We changed the siderails for a low profile appearance.

The polyethylene material is very slippery with only a slight amount of water. Nine-inch deep bedway provides a quick, safe trip to the pool.



POOL-LESS

Many municipalities are replacing older swimming pools with spray parks, wading pools, and splash pads. ALL of our slides can be configured for these venues.

Spray parks and splash pads can be equipped with a 'trough runoff', dammed to form 'hydraulic brakes'. These slides may require playground compliant impervious safety surface in their 'fall zone'. (ASTM 1487-xx)

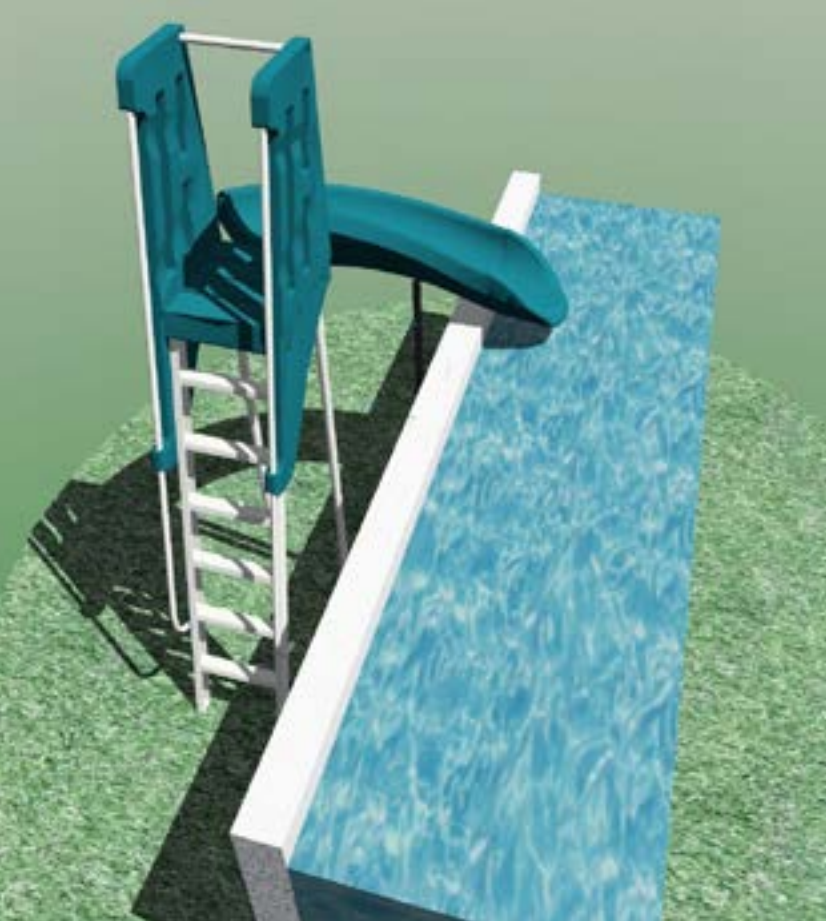
Wading pool slides can be configured with an extended runoff, submerged to provide 'hydraulic brakes'.

**Make sure your water filtration and disinfecting system is adequate.



SAFARI-2 doesn't need the deck. It's still our Banana Slide, but we put the high siderails back for this 7-foot tall model. It's a short slide with a tall ladder.

Mount it to a concrete pad or ask for our 'sand-stakes'. It can be easily taken down for winter storage. (16 bolts)



WARRANTY

SUMMIT-USA warrants, that all materials and workmanship provided by SUMMIT-USA shall be free of defects, for a period of 3-years in the case of plastic components and a period of 5-years in the case of metal components, from the date of delivery. All products must have been installed in a workmanlike manner and in accordance with manufacturer's instruction and standard practice.

Warranty claims must be submitted in writing to the vendor from whom the product was purchased. SUMMIT-USA is obligated only to repair or replace the defective part, at its option. Transportation and installation labor are not covered. SUMMIT-USA does not warrant a product's suitability for a particular use and is not liable for consequential damages arising from its use or installation.

Warranty claims must include proof of failure and may be subject to verification. Products returned for credit are subject to a restocking fee and examination for damage.

This limited warranty is exclusive, and is in lieu of all other warranties, express or implied. SUMMIT-USA is not responsible for damages that arise from the misuse or improper installation or maintenance of its products. In the event of litigation, venue shall be exclusively in Clark County, WA.

RETURN POLICY In the event you wish to return a component or an entire slide, it must be shipped prepaid in the original packaging. There will be a 20% restocking fee and any credit will be subject to our examination. If the item cannot be resold as new, we will not buy it back. There may be deductions from the credit for: cleaning, repair, replacement of hardware, replacement of packaging, disposal if unusable.

Custom slides are "one-off" designs and have not been tested for function. We use all available information to ensure proper performance, but some site-specific factors are beyond our control. Therefore SUMMIT USA cannot guarantee the slide's suitability.

CAUTION:

Many of our slide styles are very fast. Please use discretion in allowing small children on them. If you are in doubt as to the suitability of a particular slide, we will be happy to provide guidance.

SPECIFICATIONS

All of SUMMIT-USA's products meet the requirements set forth in ASTM F1487-xx, Standard Consumer Safety Performance Specification for Playground Equipment for Public Use, and adopted by the United States Consumer Product Safety Commission. Our slides also meet the standards of Code of Federal Regulations, 16CFR Part 1207, The Safety Standards For Swimming Pool Slides published by the USCPSC and adopted by National Spa and Pool Institute (NSPI) (except where superseded by ASTM F1487-xx).

Plastic portions of the slides are Rotationally Molded of Low Density Polyethylene (LDPE) with ultraviolet inhibitor and anti-static additives. The pigments used for coloring also contain ultraviolet inhibitors to prolong 'color holdout'. Most of the rotomolded PE parts have a nominal wall thickness of 0.25".

Plastic decks are supported by metal framing, are designed to be self-bailing, and have an OSHA approved non-slip pattern molded into the walking surface.

Stairs, ladders, steps, and rungs are extruded of 6061 T-6 aluminum, 0.188" thick, Heliarc welded for strength, with a non-slip pattern in the tread. Spiral treads are cast aluminum and aged before finishing. These parts are powder-coated with polyester paint for appearance. The Aqua Deluxe ladder has a kick panel to close the back of the steps and spiral stairs have optional riser closures.

1-3/8"od handrails are extruded of 13ga (0.095" wall) 6061 T-4 aluminum and are powder-coated for appearance.

1.9"od posts are 14ga (0.083" wall) steel, galvanized, primed, and powder-coated for appearance and protection.

3.5"od posts are 11ga (0.120" wall) steel, galvanized, primed, and powder-coated for appearance and protection.

5"od posts are 11ga (0.120" wall) or 7ga (0.180" wall) steel, galvanized, primed, and powder-coated for appearance and protection.

Fasteners are 18-8 Stainless Steel in most instances. Exceptions are:

Connector bolts for the Cascade Ladder System deck cover/deck frame are plated steel. Tubing connectors inserted into pipe ends are plated steel with a 'cold-galvanize' coating. Some joint fasteners in the Cyclone series and Twister series are nylon.

PROPER SLIDE SLOPE

Simply stated, the basic math is "mass acceleration divided by friction". Mass acceleration is body weight times gravity. Friction includes: slide surface characteristics, swimwear, water lubricity, and several other factors.

We prefer the following Run:Rise ratios: Entry height to 6ft 2:1

Entry height to 8ft 3:1

Entry height to 12ft 4:1

Entry height over 12ft 5:1

EXAMPLE: 10' Rise times 4= 40' Run 7' Rise times 3= 21' Run

Polyethylene is a very tough plastic, but not indestructible. Certain precautions are necessary when burying these slides.

Proper drainage for erosion control.

- Allowance for thermal expansion of plastic.
- Prevent crushing the plastic by using compacted or non-compressive backfill.
- Call us for detailed guidance.

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