



Walhalla

The best 6-person raft slide in the world

Walhalla takes a few robust and exciting slide sensations, combining them in an entirely new way with an ultra-low operating cost. The goal was to create a very high-energy slide, meaning highest climbs, highest speeds, and highest thrill, without any increase in rider risk. At the same time, the total height is reduced compared to the nearest market alternative, meaning lower power cost from pumping water.

MAIN FEATURES:

Vehicle: 6-person raft

Estimated Capacity: up to 540 riders/hour

Audience: Family



WHITEWATER
EST. 1980

 **DEWATERING TECHNOLOGY TO ENHANCE SAFETY**

 **CONSERVING ENERGY AND WATER SAVES MONEY**

 **OPEN OR CLOSED SERPENTINE TUBE BUILDS SUSPENSE**

NEAR WEIGHTLESS SENSATION, OFF THE TOP OF THE DROP 

48' (14.6 M) STEEP MEGA DROP 

EXTREME G-FORCE WITH ULTRA SMOOTH TRANSITION 

 **HUGE FLAT SURFACE, PERFECT FOR THEMING**

 **FLAT WALL FOR A ZERO-G EXPERIENCE**

 **THRILLING OSCILLATIONS**

 **EXCELLENT VIEWING AREA, MAXIMUM SPEED SEEN BY NON-RIDERS**

STANDARD POOL LAYOUT THAT CAN BE SHARED WITH OTHER RIDES. 

 **LUDICROUS SPEED: NO OTHER 6-PERSON RIDE IS THIS FAST MOVING**

CAN BE BUILT ON A HILLSIDE OR ON UNEVEN OR FLAT FOOTPRINT 

A SMALL CONVEX SPEED BUMP GIVES A SHORT NEAR-WEIGHTLESS THRILL 



FOR YOUR GUESTS

Walhalla is the pinnacle of iconic high-energy raft slides. It not only maintains the highest speed and duration of speed, but it combines the best variety of experiences into a single ride with little repetition. In a 6-person raft, guests begin with an open or closed serpentine slide before taking (a) a heart-racing plunge followed by (b) a maximum G-force valley, (c) a climb up a near-vertical wall for zero-G sensations, (d) a small speed bump, then the climax of ludicrous speed. Riders again and again comment about the unique sense of speed across the flat section. They are then safely brought back from the extreme limit with an oscillating finish before a conventional pool entry.



FOR YOUR MARKETING

Walhalla is one of those rides that can define an entire park. It stands out as a distinctly different looking ride, with a proven track record of very strong rider demand. The ride path has several prime locations to capture images or video, perfect for your park's social media and advertising campaigns. There's the near-weightless drop, the smooth transition to being pressed into your seat, then the zero-G wall, the mini speed bump, the unequalled sense of velocity, concluded with a smooth oscillating finish. Any and all these areas can be used to maximize the entertainment of both riders and non-riders.



FOR YOUR OPERATORS

A minimal maintenance water slide, Walhalla uses the same dewatering technology as many WhiteWater rides, monitoring water levels and removing water out of the way of riders. Not only does this technique help save money in water conservation, but it also provides a safer guest experience as it reduces the risk of riders hitting water brakes (large puddles) at the top or bottom of the drop. This results in less sudden forces on riders. If a water brake was needed pre-drop, as some alternative slides do, would present another safety risk if the water were to stop flowing unexpectedly. In addition, any extra water pumped in increases power and equipment cost. Dewatering avoids this entirely by 100% recycling the water removed and reinjecting it near the end to dampen out the last remaining energy in the raft before splash down.



FOR YOUR BOTTOM LINE

Being moderately shorter compared to other multi drop feature slides, the cost of pumping water up the tower will be reduced. This complements the design features that re-use energy in water to bleed off speed later, removing a second source power draw entirely. As dynamic a slide as it is, Walhalla will be exceptionally cost effective in power. Lack of water braking before or after the drop also generates a smoother ride, further increasing rider safety and operational risk.



TECHNICAL SPECIFICATIONS



Vehicle	96 in Raft
Theoretical Maximum Dispatch	40s*
Minimum Rider Height	1.1 m / 42 in
Maximum Weight	454 kg / 1,000 lbs
Recommended Flow Rate	315 l/s - 5,000 USGPM
Flume Width	3.0 m / 120 in

Length	160m*
Height	24m*
Vehicle	6-person raft
Estimated Hourly Capacity	540 riders

* Tower, layout, and slidepath design dependent. Results may vary.

