



WHITEWATER®

EST. 1980

Double
Down



A New Classic

A timeless theme park attraction, we've doubled the fun of our Shoot the Chute water ride to create the most iconic splashes—yes multiple splashes—in the amusement industry.

Unparalleled Ride Experience

The journey begins at the 2-stage station where riders load into 20-person boats before a float down the first river to the first lift platform. The boat loads onto this platform and rockets upwards to a height of 15 meters (49 feet) for an exhilarating view of your park.

At the top of the lift, the boat is dispatched into a spiral track that twists down to the first drop. This drop catches riders off guard as it suddenly appears after rounding the final corner. It is a quick tip over the edge and the boat screams down and into the second river where a giant splash plume arches up and over the boat, soaking all those onboard.

The drenched boat then travels down another river to the second lift platform where it's raised skyward. A moment of weightlessness greets riders as the boat rolls over the edge and down, just barely ducking under the spiral track overhead, for one giant final splash.

Designed for Efficiency

Featuring an iconic dual platform lift that continuously shuttles boats from bottom to top, the Double Down keeps lines moving in a compact layout that belies its multiple lifts and drops.

A striking presence, the Double Down's structure incorporates two lifts on opposite sides that are more efficient than having two separate lift towers while still allowing for two separate river circuits for the boats to ride.

These independent river circuits avoid changes in water flow when compared to a single merge river. The circuits are also driven by an array of small pumps distributed around each trough. This allows for consistent water flow and levels. Having a number of the same pumps enables quick swaps with spares if a pump needs maintenance service.

SPECIFICATIONS

Riders per Boat	20
Minimum Dispatch Time ¹	45 secs
Maximum THRC	1200 riders/hr
Overall Ride Length	421 meters
Maximum Drop Height	15 meters
Ride Time	5 min 16 secs
Load/Unload Time	1 min 30 secs
Total Cycle Time	6 min 46 secs
Maximum Speed ²	57 km/hr
Power Required ³	320 kW
Number of Boats	10

¹ Actual dispatch interval is dependent on operator efficiency.
² Vehicle speed and behaviours are variable based on rider loading.
³ Power requirement is approximate and will be finalized during detail design.

Shoot the Chute Boat

Simplicity of maintenance and long lasting durability are the main benefits of an extensive re-engineering effort on this large and iconic boat.

