



CORE RIDE SYSEEM

DARK RIDE SET IN WATER



The Ride

CAVU's ride dark ride set in water system is designed to carry 12 passengers, making it a perfect family ride. Rather than a standard water trough where the boat simply travels down the water path, this dynamic trough combines the fun of floating with various elements allowing the boat to thrust forward and reverse, rotate, heave up, tilt forward, or even slide sideways via different conveyor belt systems and trough switches.

The ride system is designed to be operated indoors, using a trough path moving between various media-based and animatic scenes. The effects are amplified with the use of off-board elements such as wind, mist, heat and scent, as well as water-based effects such as rapids, waves, waterfalls, whirlpools, underwater projection, geysers, and water tunnels.

Specifications

Item	Data
Seats	12
Theoretical Hourly Capacity (THRC Typical with 10 boats)	900
Total Cycle Time	9 min
Trough Turn Radius	8 m
Platform Pitch Range	+/- 10° @ 2 sec
Platform Roll Range	+/- 10° @ 1 sec
Platform Rotation Range	360° @ 4 sec
Chute angle	<20°
Conveyor Motion	Fully Programmable
Ancillary Functions	Fully Programmable
Extra Features	Aux Control Outputs (10%)
Safety Related Control System (SRCS)	PLC
PLC Type	Rockwell Automation / Allen Bradley
A/V System	See Special Requirements

Major Elements

- Multiple 12 passenger boats
- Dynamic conveyor / trough system
- High Capacity
- Multiple High Intensity 2D or 3D Projectors
- On board sound system

Golden Care Package

- CAVU engineering support personnel remains on site for 90 days after commissioning
- 24 month warranty
- Spare parts for 2 years



3A 1218 Langley St.
Victoria, BC V8W 1W2, Canada
www.cavudw.com