

LatITube

BY FLOWRIDER[®] TM

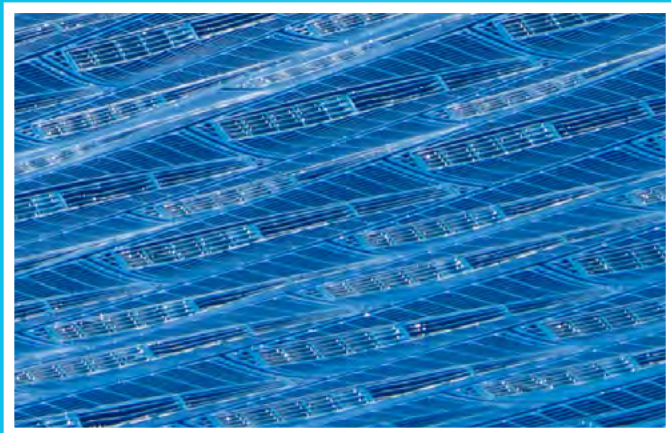


INTRODUCING

LatiTube™

A completely radical design born from an experiential standpoint, or as we call it "Everyone Gets Tubed", the LatiTube range is a ground up, entirely new style of surf attraction that does things a little differently.

At the heart of the LatiTube design is the unique riding surface and system where specially angled "nozzle water flow" are buried beneath a layer of slower moving "residual water flow" that together form the "wave". Riders actually surf on the nozzles and not the residual flow meaning the powerful regions required for surfing can be fine-tuned in both power and angle to the sq-foot, where you want power we have it, where you don't we don't. This unique method translates into a unique riding experience, riders receive the surfing energy only when their board is presented at the correct angles, angles that are matched to real surfing and body positions. Should a rider twist or get otherwise out of alignment with the shape and flow of the wave, the interaction with the nozzles is lost, energy is lost, and the rider simply readjusts to improve his or her experience.



LOW RISK

MATRIX RIDE SURFACE

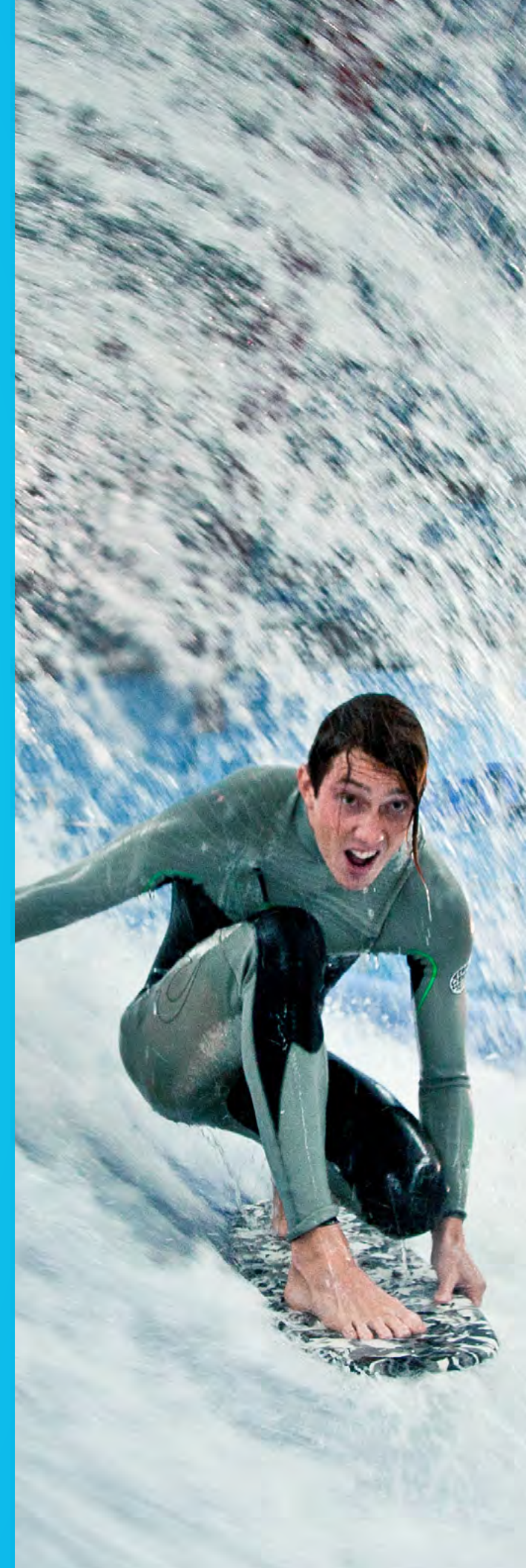
Safety is at the heart of the LatiTube design with the key feature being the nature of the water delivery system. Water is delivered via a matrix of uniformly spaced outlets which combine to drive a slow moving layer of water up and covering the riding surface. The riders board interacts only with the nozzles buried under the slower moving water body and not the water body itself. This means full riding power can be present in a very controlled and precise manner. Nozzle angle and velocity's are such that should a rider fall, the nozzle energy is deflected straight back through the mesh ride surface and this results in the board stopping rather than whipping the rider onto the wave. Hence, fewer spills and more thrills!!

SUSPENDED RIDING SURFACE

The LatiTube patented riding surface is suspended on slack, suspended cables. When a rider lands onto the surface it absorbs all of the energy. Combine this with the slow moving water body and falls become part of the fun.

VARIABLE WAVE INTENSITY

This feature doesn't just mean a greater ride experience for all, it's also part of the ride's features. With operation via a hand-held wireless remote, operators can judge a riders ability and incrementally speed up the wave during a turn, as the rider learns and adapts during those initial few seconds, the operator is feeding them just the right amount of power they need. It is a true, individualized experience. Another benefit to adjustable wave intensity during the learning curve is when a riders feet or body positioning need adjusting the operator can slow it down while they adjust then ramp up the fun when they're back on track.





KEY CONCEPTS

DYNAMIC WAVE FEATURES

KEEPING THE RIDER ON THEIR TOES, LITERALLY!

- Wave velocity and intensity are adjustable in seconds to suit every age and skill level.
- Variable wave shape feature means the waves profile shifts between a slight roller and an 8ft+ steep barrel in seconds.
- The dynamic and variable 'Tube' or 'Barrel' feature can be set on/off during a riders turn.

DURABLE AND SELF CONTAINED

- Durable PVC and stainless steel linked mesh riding surface
- Industry standard pumping and electrical systems
- Optional fully self-contained plant room installed within the ride footprint*
- 2 year or optional 5 year extended warranty*

STAND-UP SURFING=INSTANT SUCCESS

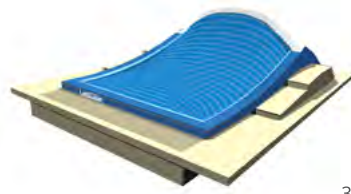
- Riders start out on a water free surface, with the wave intensity building gradually below them meaning they are in constant control.
- As quickly as their first go, riders can be driving through an 8ft barrelling tube. Smiling and waving all the while.
- As riders skills improve, the wave may be adjusted with more power and more difficult wave shapes and sizes. This adds to the challenge and will keep them returning for more.

UNIQUE CONTROL

- No residual water flows mean riders don't get washed around un-controllably; should a rider fall they simply stand and walk off.
- Patented Mesh Riding surface means the wave surface becomes 100% free of water less than 1 second from activation of the emergency stop.
- Matched Board contours and water energy mean if the riders board positioning is wrong for any reason the energy won't transfer and falls are greatly reduced as a result.
- Operators can walk freely within the wave's flow, helping beginners and children easily and safely with sure footing.

POCKET SINGLE AVAILABLE IN RIGHT OR LEFT

Engineered to excite, the pocket single incorporates an overhead, barrelling wave in a safe, compact, fully featured package. Device installation as either a left or right-hander is all that separates this device from his bigger brothers.



FOOTPRINT
Width 7.5m
Length 11m
3m height above grade

TANK DEPTH
1.35 m

CAPACITY
160-240
rides/hour

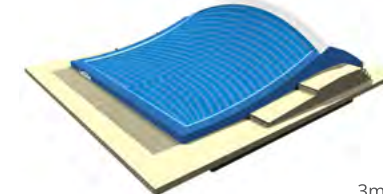
WEIGHT
7902kg
no water or
concrete

TANK VOLUME
54510 liters

ELECTRICAL RATING MAX
120kw / 165hp
AVERAGE OPERATION LOAD
65kw / 90hp

POCKET SWITCH A SWITCH-ABLE SINGLE MACHINE

With all the great features of the Single, the Switch allows for dynamic shifting of the wave's direction. Just as in the ocean you have left and right hand waves, the switch morphs between both and can do so while the rider is up and surfing, adding to the experience and the challenge!



FOOTPRINT
Width 10m
Length 11m
3m height above grade

TANK DEPTH
1.35 m

CAPACITY
160-240
rides/hour

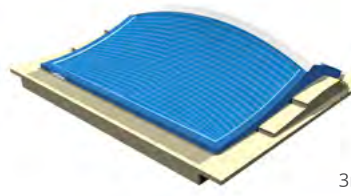
WEIGHT
10300kg
no water or
concrete

TANK VOLUME
81765 liters

ELECTRICAL RATING MAX
120kw / 165hp
AVERAGE OPERATION LOAD
65kw / 90hp

POCKET DOUBLE LEFT & RIGHT HAND DOUBLE + SINGLE WAVE MODES

Double the capacity and double the adrenaline! With three modes of operation built-in, the Double allows for either two riders at a time or one giant wave at the push of a button. With all modes of operation available in one device, the Pocket Double is the most versatile product in the range. Single Left and Right-handers for duel operation or double Left and Right-handers for the ultimate tube riding experience.



FOOTPRINT
Width 13.5m
Length 11m
3m height above grade

TANK DEPTH
1.35 m

CAPACITY
320-480
rides/hour

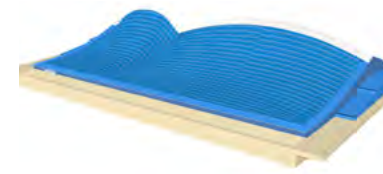
WEIGHT
11950kg
no water or
concrete

TANK VOLUME
113380 liters

ELECTRICAL RATING MAX
225kw / 305hp
AVERAGE OPERATION LOAD
105kw / 145hp

POCKET CUSTOM CONNECT MULTIPLE SINGLES, DOUBLES & SWITCHES

Seamlessly adjoin any of the range to form a Surf Attraction like no other, a design to call your very own. The combinations are endless! Using any of the standard range as your building blocks easily connected into waves of endless length, directions and sizes.



FOOTPRINT
Width 7m
Length 11m
3m height above grade

TANK DEPTH
1.35 m

CAPACITY
480+
rides/hour

WEIGHT
unkown

TANK VOLUME
unkown

ELECTRICAL RATING MAX
unkown
AVERAGE OPERATION LOAD
50% of Elec. Rating



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