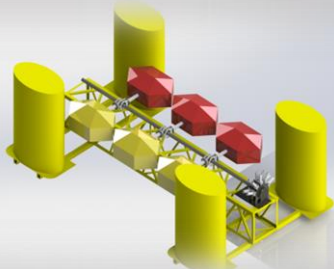


BUTTERFLY DEVICE

- It is capable of absorbing energy from waves up to 5 meters.
- Designed for lower potential seas.



- Launched on our experimental plant in Poblade Farnals (Valencia). 08/28/2015.

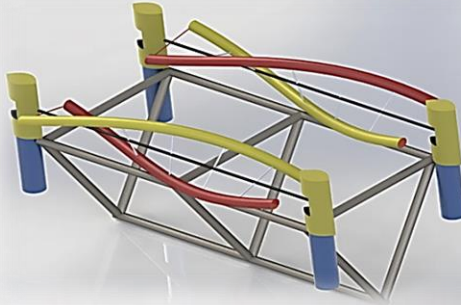


- The device comprises a set of floats which spin a shaft to the passage of the wave.



ROTARY DEVICE

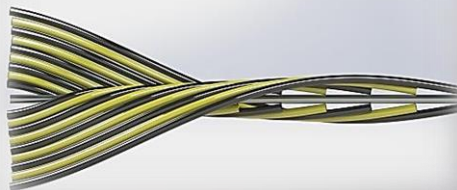
- Designed for seas and oceans with great wave potential.
- It is able to absorb wave energy over 8 meters.



- The device can be constructed with one or more propellers to get more stability and power.

CURRENT DEVICE

- Designed for currents of rivers and marine waters.
- The device consists of several spiral wound tubes.



- Without aggressive or sharp edges.
- Range: 0.1 m/s to 4 m/s.



MANUFACTURING



- ✓ Simple and inexpensive.

LOW ENVIRONMENTAL IMPACT



- ✓ No oils
- ✓ Recyclable materials
- ✓ No risk to wildlife

DESIGN



- ✓ Few moving parts
- ✓ Low cost materials
- ✓ Scalable devices



Rotary Wave
marine energy



We have a multidisciplinary team of engineers and our own wave tank.



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Rotary Wave

marine energy



ROTARY WAVE (Valencia, Spain) is an START UP who seeks for innovative solutions for sustainable development in the areas of energy and environment, obtaining energy from ocean waves.



We research, design and develop Wave Energy Converters, using waves and currents, to generate electricity and water desalination.

Our first innovative solution is a WEC that allows to transform energy contained in any moving water mass, with no oil or underwater electrical wires.



ENVIRONMENTAL IMPACT

- ✓ Removing the offshore energy while respecting the environment, fauna and flora.
- ✓ Renewable Energy against Climate Change. Reducing the emission of polluting gases into the atmosphere.
- ✓ Reducing the visual impact of facilities for the use of energy.



ENVIRONMENTAL RESPECT

- ✓ Electricity is not produced at Sea.
- ✓ It does not produce electromagnetic interference on fauna.
- ✓ No oils are used as Lubricants.
- ✓ The possibility of avoiding harmful discharges to the marine environment.
- ✓ Bearings do not require Lubrication.
- ✓ Low speed, rotation and motion.
- ✓ Minimizes the risk to wildlife.



- ✓ Low noise impact.
- ✓ Water desalination.

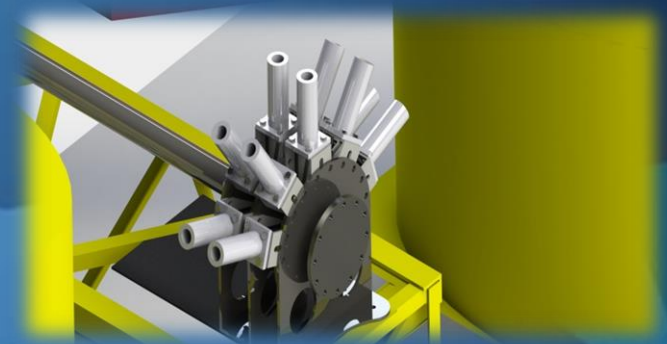
ROTARY WAVE'S SMART PUMP

Measurements

- Water Pressure RPM
- Pressurized water flow
- Wave Height



This pump has developed maximum power of 7kW, with waves of 0.65 m and 400 l floats.



Boosting the potential of small businesses in the areas of: climate action, environment, resource efficiency and raw materials.