

## Harsonic® Product Range : different devices



### Recreational Marine :

1. Harsonic® for BoatHull
2. Harsonic® for Propellers
3. Harsonic® for Gasoil tanks
4. Harsonic® for Watertanks



### Professional Marine & Offshore :

1. Harsonic® for Hull
2. Harsonic® for Propellers
3. Harsonic® for Tanks
4. Harsonic® for Boxcoolers
5. Harsonic® for Pipelines



### Industry :

1. Harsonic® for Cooling towers & Heat exchangers
2. Harsonic® for Industrial Tanks & Filters
3. Harsonic® for Industrial Pipelines

### Agriculture & Aquaculture :

1. Harsonic® for Tubes
2. Harsonic® for Tanks

### Open Waterstorage :

1. Harsonic® for Open Waterstorage (ponds, open tanks,..)
2. Harsonic for jacuzzi



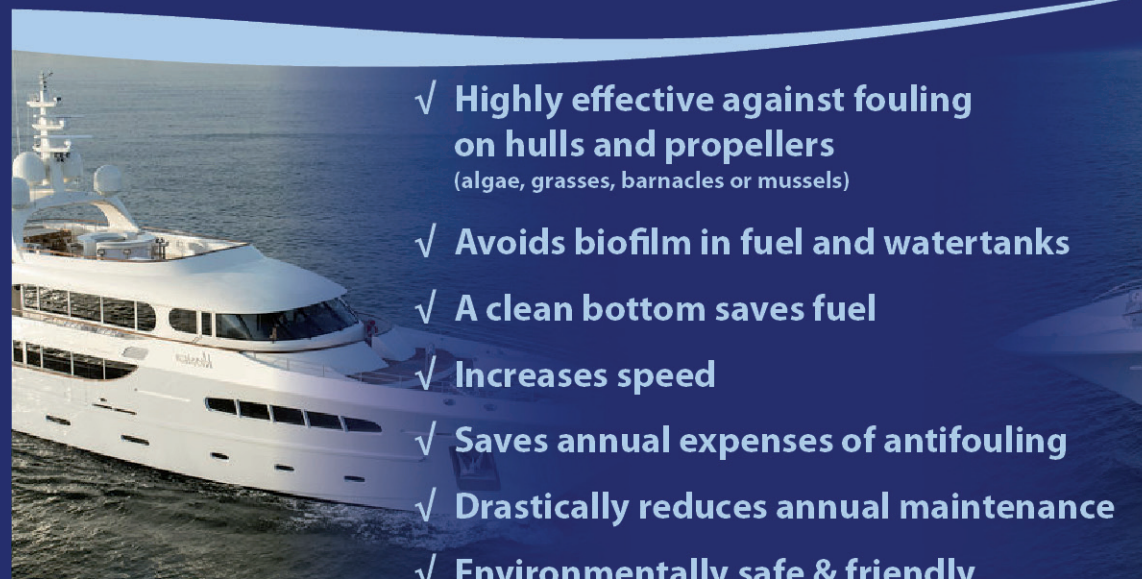
distributor for Harsonic®



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Harteel bvba - Belgium

# HARSONIC

## HARSONIC® for RECREATIONAL BOATS



- ✓ Highly effective against fouling on hulls and propellers (algae, grasses, barnacles or mussels)
- ✓ Avoids biofilm in fuel and watertanks
- ✓ A clean bottom saves fuel
- ✓ Increases speed
- ✓ Saves annual expenses of antifouling
- ✓ Drastically reduces annual maintenance
- ✓ Environmentally safe & friendly
- ✓ The lowest power consumption (6W) with the biggest range (40m² with 1 transducer !)

UNIQUE PATENTED  
SYSTEM TO  
MAXIMIZE  
PERFORMANCE



## FOULING: AN ANNOYING PROBLEM ON THE HULL AND ON PROPELLERS

Every boat-owner knows the problem: fouling, or the growth of all kinds of organisms. Fouling is annoying: it reduces speed, increases fuel consumption and causes corrosion damage.

*The other current solutions are often not effective* and require costly annual and labour-intensive maintenance. Moreover, they harm the environment and your own health because they contain toxic elements.

## HARSONIC®: THE UNIQUE CONCEPT OF POWERFUL ULTRASOUND WAVES



Harsonic® devices are more than just ultrasound. They are improved with our **own unique HS-technique**. This technique is developed by our own engineers and guarantees the good result.

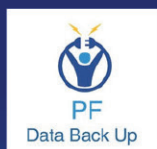


Harsonic® is the only manufacturer who has the **data control back-up**.

HARSONIC 22°C  
PF08:27H T:154H



Harsonic® devices have an **integrated warning system** which warns the owner when his **battery-tension** is too low or too high.



Harsonic® Smart Box Package version switches automatically from: 220V/110V Power to 12V/24V Battery Voltage.

Harsonic® devices have a EMC certicat which proves that Harsonic® devices have no influence on human beings nor on other electronic equipment. Harsonic® is the only ultrasound manufacturer who gives a 5 Year Warranty.



## APPLICATIONS:

### HARSONIC®

#### FOR THE HULL:

to avoid growth on the hull. Needs to be installed in the boat's bilge

### HARSONIC®

#### FOR PROPELLERS:

to avoid growth on propellers or outdrive

### HARSONIC® FOR TANKS:

to avoid bacteria development in fuel tanks or watertanks and cleans the tanks completely

## FULL COVERAGE FOR YEARS

Before installation, the hull should be cleaned with high pressure and painted with a hard antifouling. Harsonic extends the lifetime of your antifouling with several years. You can leave the boat in the water.

## HARSONIC® CONTRIBUTES TO A CLEANER AND HEALTHY ENVIRONMENT

We'd like to contribute to a clean and healthy world. Current products to combat fouling have been proven to be of very bad influence on health and environment. The ultrasound waves are totally harmless.



Boat without Harsonic® for boats