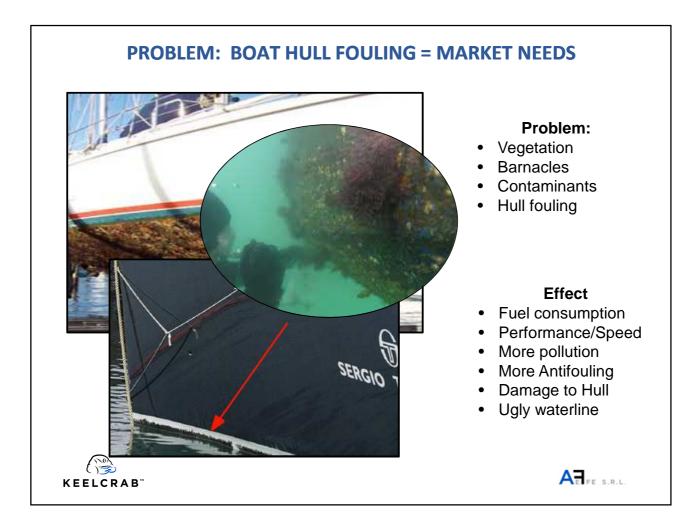


KEELCRAB[™]

Underwater robot for Boat hull maintenance: clean & inspection







REMEDIES THAT TYPICALLY CAN FIND ON THE MARKET

CRANE



- Expensive
- Boat Moving



DIVERS



- Dangerous
- Expensive
- Often prohibited / polluting





SOME IMPORTANT AID OR PALLIATIVES TYPICALLY USED

OLD POLLUTING ANTI FOULING COATINGS







- Pollutant
- Last century..

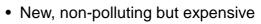


NEW NON-POLLUTING COATINGS & ULTRA SOUND ANTI FOULING









• Not yet used in many markets but it will be the future of coating



KEELCRAB™





- Still skepticism in some markets
- Very functional against the animal but less against vegetation or bio-film



OUR NOVELTY!! KEELCRAB-ROBOT

REMOTE CONTROL ROBOT FOR HULL BOAT CLEANING & INSPECTION

- Not Dangerous
- Fast & user friendly
- Light & transportable
- Immediate effect
- Usable anywhere
- Nylon filter for waste material
- Hight-level material
- Entirely Made in Italy

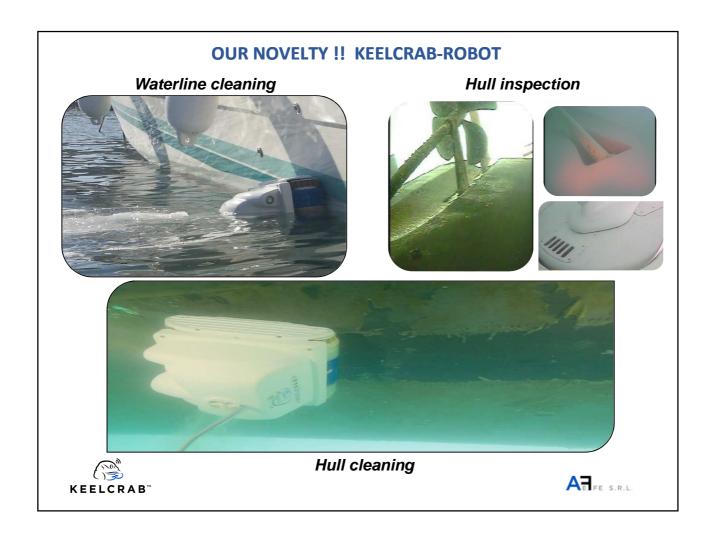




https://www.youtube.com/watch?v=JGIrVnIPqGQ







DESCRIPTION & PRICE

Hydrostatic neutral axis: only 9.5 KG weighs

Central propeller: powered by a powerful electric motor, and provides the dual functions of maintaining the robot adhered to the hull and vacuuming algae in a nylon bag

Movement: sponges and brushes with rubber bristles and belts that ensure elevated drivability on all types of surfaces

Removal of the algae: is guaranteed using central brushes, easily interchangeable according to the conditions of the hull

Underwater video camera & powerful LED permit high definition visualization of video

Retail price: 3.500 Euros (new keelcrab Sail One 2015)

MAIN TECHNICAL FEATURES

- Input power supply 220 volt
- Output power supply 48 volt (low voltage)
- Hourly consumption 200 watts
- Cleaning time 45 seconds/m²
- Remote control with 7-inch HD display



- Power supply cable (20 m standard) semi-floating with Kevlar core (120 kg traction)
- Guarantee 24 months or 500 hours
- Easy interchangeable brushes with different abrasive levels



BUSINESS MODEL: KEELCRAB SHARING CONCEPT

KEELCRAB SHARING: INTERNAL MARKET ONLY (2015/2016)

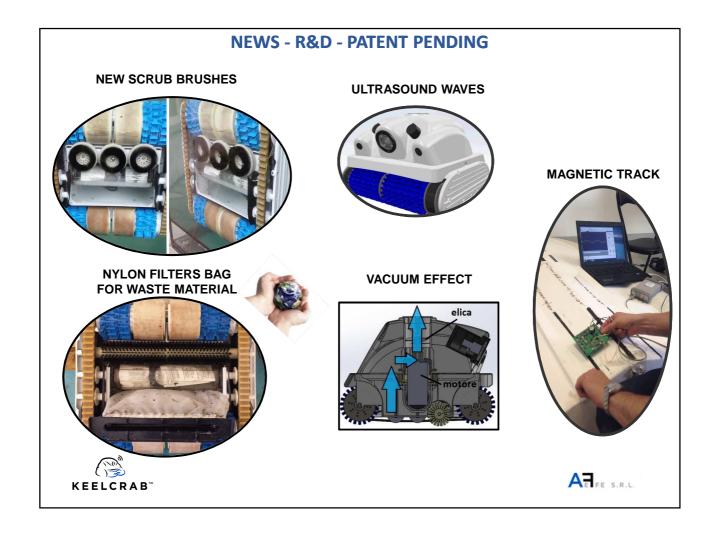
"underwater lawn mower (garden machine) with the advantage of having great many gardens (boat hulls) concentrated in a very small space (ports/docks)"

"..Commercial, not just technological innovation: "We won't rest until every hull has been cleaned with Keelcrab robots!"
Retailers operating in a marina, operators in the refitting sector, private marinas or harbourmasters, enrich your services package with the robots in the Keelcrab range, offering your customers improved safety and benefits.
Robotic hull cleaning and inspection services, by hiring the device out at an hourly rate to professionals or directly to shipowner Keelcrab: the future, today!..."





AT FE S.R.L.





KEELCRAB[™]

"The difficulty lies not so much in developing new ideas as in escaping from old ones."

KEYNES



