HIGH SPEED PROFESSIONAL OFFSHORE BOATS





THE TOUGHEST AND SAFEST MOST DURABLE, BEST PERFORMING HIGH SPEED BOATS AVAILABLE

Madera is a family owned Dutch designer and builder of first class high speed boats built for heavy duty professional offshore use.

Characteristics of Madera designs are;

- Safe
- Strong and rigid construction
- Perfect Manoeuvrability.
- Superior Seakeeping behaviour, even in rough seas
- High Speed
- Large carrying capacity
- Long durability
- Flexible lay-out and outfitting

Madera is focussed on exceeding customers expectations. Therefor a high quality level combined with open and good customer interaction is viewed upon as being essential. The high quality level is maintained through continuous innovation and through the use of the newest technologies and the best materials/equipment available.

During its long existence Madera has developed and built a lot of different boat types, ranging in length from 5,5m (18ft) to 16,5m (54ft) and in beam from 2,6m (8,5ft) to 4,25m (14ft). Different types are e.g.;

- Open boat with 1 or 2 persons console
- T-top over the console
- Open or semi-closed Cabin
- Closed Cabin (of different kinds and sizes)
- Cabin with Sleeper Cabin

All types can be outfitted with all brands of outboard- or inboard engines. When inboard engines are installed, different types of propulsors can be applied;

- Sterndrives
- Surface drives
- Waterjets

The largest (16m/52,5ft) design has a Displacement of 22.500kg (50.000lbs) and a deck area of 38m2 (125ft2). Maximum Speed achieved during SAT is more than 72kn.









DNV-GL

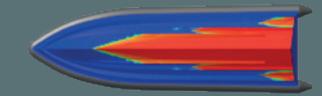
Wim Kloosterman CEO/Owner

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The performance of all different designs and types has been proven. This because all different types and sizes have been built, tested and delivered with all kinds of outfitting and propulsion systems. The flexibility incorporated in the Basic Design ensures that Madera can outfit her boats to meet all customers operational requirements and preferences. Therefor it can be stated that Madera delivers tailor made boats of a proven design.

Madera has an in-house design department. Every type of boat is designed and engineered using specialized 3D modelling software (CATIA and Autocad). Every boat and its components is thoroughly tested; in the workshop, afloat and during sea trials (FAT, HAT and SAT). This to make sure that the performance of the boat is Madera worthy and is according to all applicable rules and regulations. To optimize the performance of the platform designs Madera also uses Computational Fluid Dynamics (CFD).



Our drive to serve our customers has resulted in design criteria that ensure safe and effective use in the roughest and toughest environments and circumstances, even when sailing in Seastate 8.

> We design and build Madera boats to be virtually indestructible; ensuring a good mission and a safe return.

MILITARY & PATROL

ENSURING A GOOD MISSION AND SAFE RETURN



























WORKBOATS

















THE FLEXIBILITY **OF OUR DESIGN** GIVES THE OPPORTUNITY TO CHOOSE OUT OF **A VAST NUMBER OF OPTIONS**

AND ALTERNATIVES

Gun posts

- Explosion suppressant, self sealing fuel tanks
- Bullet proof systems Level III
- Foundation for remote controlled weapon system 12,7mm gun
- Boarding platforms and ladders
- Diving ladder
- Jason cradle
- Tow post
- Gun post
- Foam tube
- Beaching keel
- Remote controled seach lights
- Push nose
- Bow thruster
- Single lift system
- Night Vision/other camera systems
- Auto Pilot
- Epirb
- AIS
- Self righting system
- Safety equipment

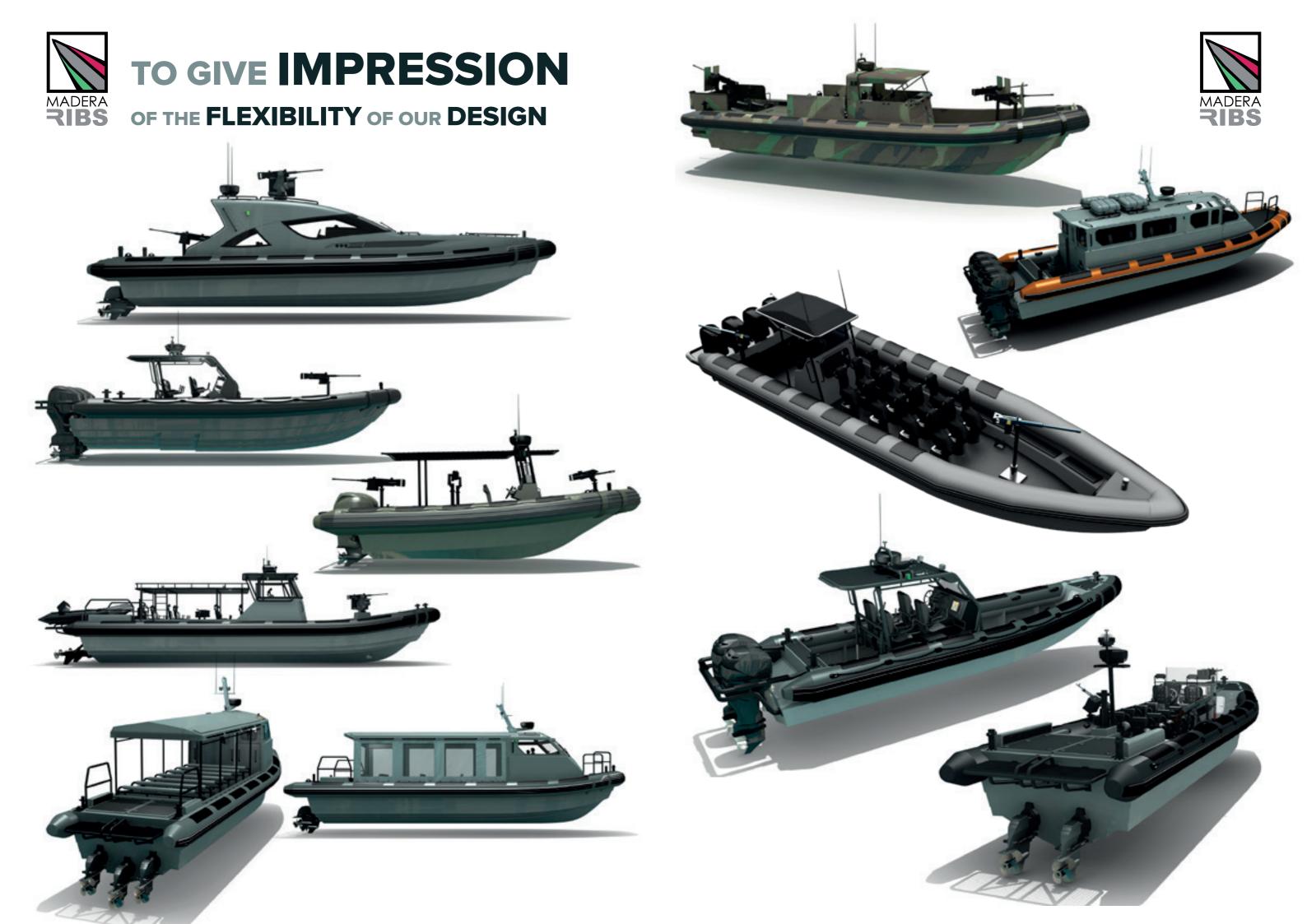
ALTERNATIVE PROPULSORS INSTALLED







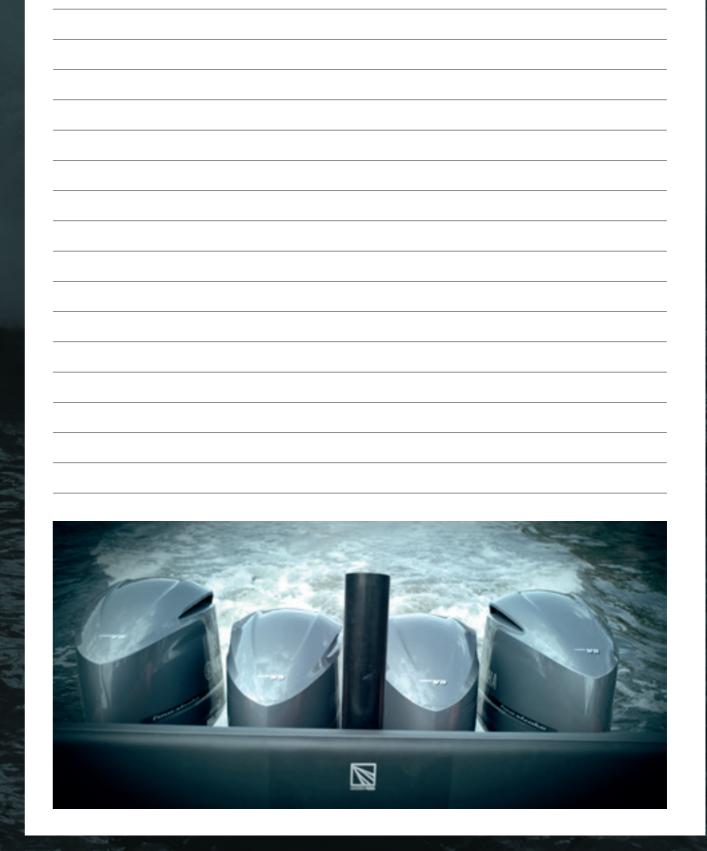
Alternative consoles Elevated deck Alternative seating A-frame Generator Alternative tanksize/tank arrangement Windspeed meter Alternative Navigation & Communication equipment Embarking/Disembarking systems FiFi systems Pre wetting system Vacuum cabin-air systems All sorts of chemical sensors Toilet/shower/sink Cooker unit Different certifications by different authorities Towing systems Anchor systems Freshwater tank Desalinator Refridgerator







NOTES





AT YOUR SERVICE

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