

## **General**

IMS Rule

SCRIMP Technology

## **Boat Builders**

Nautor's Swan

<http://www.nautors-swan.com>

Builder of luxury sailing yachts. The Swan 45 is one of the competitive racing boats in the IMS circuit. The Swan 601 was designed with racing performance in mind. They can be compared, respectively, with the Swan 48 and the Swan 60, two more cruising oriented designs.

X-Yachts

<http://www.x-yachts.com>

World class sailing yachts. This danish yards produces to lines of boats: the IMX series, with the IMX 40 and the IMX 45, is the more racing oriented line, while the X line includes more cruising oriented boats, even though some maintains good performance under the IMS rule.

Cantiere Del Pardo's Grand Soleils

<http://grandsoleil.net>

This Italian yard produces both cruiser-racers and racers.

Beneteau's First Series

[http://www.beneteauusa.com/first\\_series/index.php](http://www.beneteauusa.com/first_series/index.php)

Beneteau First series of yachts are the industry standard for racer/cruiser sailboats.

Beneteau's Beneteau Series

[http://www.beneteauusa.com/beneteau\\_series/index.php](http://www.beneteauusa.com/beneteau_series/index.php)

The world's most advanced line of cruising yachts.

Hallberg-Rassy

<http://www.hallberg-rassy.se/>

Known far and wide for our sturdy construction, superb craftsmanship and signature seaworthiness, the Germán Frers designed models have become recognised for their elegant lines and spirited performance

Baltic Yachts

<http://www.balticyachts.com>

Extremely luxurious custom yachts up to 150' in length.  
Most designs have complete specifications.

Dufour Yachts

<http://www.dufouryachts.com/>

Strong, comfortable, seaworthy cruising yachts.

The J/Boats

<http://www.jboats.com/>

This yard produces the J/24, the most sold racing keelboat in the world. Designs span from 22 to 54 feet in length.

C&C Yachts

<http://www.c-cyachts.com/>

Cruising/racing yachts.

## **Yacht Designers**

German Frers

<http://www.germanfrers.com>

Farr Yacht Design

<http://www.farrdesign.com>

This website has an extensive section on designs of pure IMS racers.

Judel/Vrolijk & Co - Yacht Design & Engineering

<http://www.judel-vrolijk.com/>

Designers of the Rodman 42 and the Grand Soleil 44, two of the most competitive IMS designs at the moment.

Vismara Yacht Design

<http://www.vismaradesign.it>

Design firm responsible for two design that finished in the Top Ten overall at the last IMS World Championship, the Vismara 42 and Vismara 40.

## **Mast Companies**

Dwyer Aluminum Mast Company (reading - link - N/A)

<http://www.dwyermast.com/MASTS/masts.htm>

Sailnet Store - Custom Spar Shop

[http://www.sailnet.com/store/shop.cfm?cust\\_shop=spars&sub=spar\\_detail&disp=fonts](http://www.sailnet.com/store/shop.cfm?cust_shop=spars&sub=spar_detail&disp=fonts)

In this website you can find detailed information about aluminum mast and boom sections, including moments of inertia and weight per unit length.

Southern Spars

<http://www.southernspars.com/index.cfm>

Hall Spars

<http://www.hallspars.com/>

Selden Masts AB

<http://www.seldenmast.com>

Mast and boom manufacturer.

StabMast

<http://www.stabmast.com>

This company makes carbon fiber mast, boom, and spinnaker poles. It has detailed info for the mast sections, just notice that the axes are inverted ( $I_{xx}$  is the longitudinal moment of inertia, and  $I_{yy}$  is the transverse).

## Rigging

Standing Rigging from Annapolis Performance Sailing Ltd.

<http://www.apsltd.com/Depts/dept1747.asp>

Wire rigging, with physical and strength characteristics.

## Hardware

Lewmar

<http://www.lewmar.com>

This is a company that makes deck hardware. The website provides a selection guide to help you select the right hardware for your size boat, and complete information about the physical characteristics of each piece.

West Marine

<http://www.westmarine.com>

On their catalog you can find details about appliances for the interior of your boat (stove, fridge, heads, etc.).

Yanmar Marine

<http://www.yanmar.com/marine/products.html>

This manufacturer has a line of products called "SailDrive". These engines are complete with transmissions and propellers.

SailNet Store

<http://www.sailnet.com/store/index.cfm>

Another online catalog.