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

Beneteau's Beneteau Series
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  
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 (Ixx is the longitudinal moment of inertia, and Iyy is the transverse).

Rigging

Standing Rigging from Annapolis Performance Sailing Ltd.  
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.