

topaz



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# TOPAZ CATAMARAN RANGE



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*“Taut and responsive feedback confirms the notion that high performance rotomoulded cats have come of age”*

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The Topaz Catamaran Range have been designed by International multihull racing legends Yves Loday and Robert White. With such sailing experience and pedigree, not to mention their proven design track records, it comes as little surprise that the Loday/White team have produced such a stunning range of catamarans.

As you would expect the **TOPAZ 14** and **TOPAZ 16** are unashamedly fast providing exhilarating performance. Yet these cats can also easily be handled by inexperienced crew. The responsiveness resembles that of Olympic racing machines yet they are exceptionally stable and forgiving.

The **TOPAZ 12** is the baby of the range and is aimed at introducing youngsters to catamaran sailing.

The Topaz cat hulls are all roto-moulded in tri-laminated Metalicene™ which is essentially indestructible and requires virtually no maintenance.

Topper's proven TOPAZ TRILAM construction method is unrivalled in the sailing industry and is unique to the TOPAZ Range of sailing dinghies and catamarans. Through the use of specialised construction technology and higher grade materials the Topaz TRILAM range are tougher, stiffer and more robust than any other similar products.



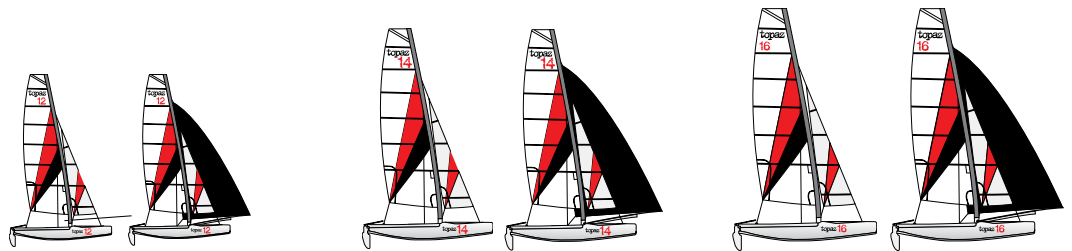
*“Having designed the Dart 16 as the first mass-market cat with lowcost, rotomoulded hulls in 1997, Yves Loday went to work on the Topaz 16 almost a decade later. So it's not surprising to find that the 16 has taken a big step forward in terms of design, construction and performance”*

**Y&Y**

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*“Pedigree is what counts, Rob White and Yves Loday have put decades of experience into the Topaz cats”*





	TOPAZ 12		TOPAZ 14		TOPAZ 16	
Length	3.65m		4.25m		4.72m	
Beam	1.78m		2.05m		2.25m	
Total Rigged Weight	85kg		110kg		140kg	
Crew	1-2		1-3		1-4	
Trapeze	Single	Single	Single	Twin	Single	Twin
Construction	TRILAM Polyethylene		TRILAM Polyethylene		TRILAM Polyethylene	
Sails	Dacron		Dacron		Dacron	
Sail Area (excl spi)	6.91m <sup>2</sup>		9.98m <sup>2</sup>		11.21m <sup>2</sup>	
Mainsail	5.56m <sup>2</sup>		8.04m <sup>2</sup>		9.08m <sup>2</sup>	
Jib	1.35m <sup>2</sup>		1.94m <sup>2</sup>		2.13m <sup>2</sup>	
Gennaker	-	7.05m <sup>2</sup>	-	9.89m <sup>2</sup>	-	13.56m <sup>2</sup>
SCHRS Rating	1.450	1.400	1.383	1.350	1.295	1.250



# UNIQUE & UNRIVALLED CONSTRUCTION QUALITY

**Topper International Ltd has over 30 years of experience in thermoplastic engineering and has been awarded the prestigious Horners Award for innovation in plastics design and manufacture. This 'know-how' has enabled Topper to produce superior hulls that are lighter, stiffer, stronger and more consistent than anything else around.**

One of the many secrets behind the success story of the Topaz Range lies in the remarkable sophistication and ruggedness of the manufacturing process. Rota-moulding is always very strong - but Topper International have brought a new refinement to the process which remains unmatched.

The hulls are not only stronger, lighter, stiffer and more durable - Topper's unparalleled expertise means uniformity of wall thickness and the perfect strength to weight ratio can be achieved.

The Topaz Range hulls are precision moulded to achieve far higher levels of structural uniformity and consistency than any other sailboat of this type.

Before buying a sailboat it is worth checking what you are getting for your money - In particular; the quality of the hull, the number of features and the quality and specification of fittings and sails. If you base your decision on these factors we are convinced that there can only be one choice.





### THREE LAYER SYSTEM

The trilaminated structural polyethylene construction, with a lightweight honeycomb core, ensures toughness without increasing hull weight:

- Hardseal Metalicene® inner skin
- Light weight extra strength honeycomb core
- Exceptionally strong, Metalicene® outer skin

### MATERIALS

Topper have refused to compromise the quality of the Topaz range by cutting corners on materials or fittings.

The Topaz range of dinghies and catamarans are moulded in expensive Metalicene® polyethylene. This is the highest quality Superlinear polyethylene available. No other sailboat manufacturer uses as high a grade of polyethylene in their boat production.

It is 41% stiffer and lighter than standard polyethylene which is beneficial to boat speed and performance. It is also 25% tougher than standard polyethylene which makes the boats far stronger. The Metalicene® is also fully UV stabilised.

The quality of the plastic used is an important factor which has a direct bearing on how well the boat sails. A stiff and rigid hull will always perform better. The boat will also be stronger and more durable helping to cut down on surface abrasions and increasing the life-span and resale value of the hulls.

### BUILD QUALITY

The precision moulded TRILAM three-ply sandwich is unique to Topper International and guarantees that no other rota-moulded sailboats come even close to the Topaz range in terms of strength, rigidity and durability.

The unrivalled specification of the Topaz range also provides the strongest possible attachment for fittings via brass inserts moulded into the hull structure.

### BUILT-IN BUOYANCY

Masses of buoyancy is built in to the ultra stiff hull which is vital to the sailboats responsive performance on the water.

### THE ULTIMATE HULL

What you get is a beautiful curvaceous hulls that perform like a dream, are virtually maintenance free, come complete with an impressive three year warranty and, in the unlikely event of an accident, are easy to repair.





# TOPAZ 12

THE TOPAZ 12 IS THE SMALLEST CATAMARAN IN THE TOPAZ CAT RANGE. IT IS A MODERN AND STYLISH, PERFORMANCE CAT DESIGNED FOR PRE-TEENS AND YOUNG-TEENS TO GET SAILING AS EARLY AS POSSIBLE.



**BRIEF SPECIFICATION**  
Length 3.65m  
Beam 1.78m



**CREW**  
One child  
Two children  
Child & adult



**TRAPEZE**  
Single trapeze



**TRILAM CONSTRUCTION**



**CARTOPPABLE**  
Lightweight

Catamarans provide young children with a great introduction to sailing. They can learn quickly to sail while looking cool on a tremendously stable platform that won't tip over, and with plenty of space to have fun on the trampoline. The high volume hull is equally at home with one or two junior sailors, or an instructor with a crew.

Learning to sail in a fast and fun catamaran offers an exciting and appealing pathway for a young sailor. And the Topaz 12 oozes quality. The pedigree of the Loday/White design team is clearly evident. The 12 is very well thought out with loads of clever features. The combination of just the right level of simplicity with an extremely high specification all adds up to make the boat supremely user friendly.

The Topaz Cat 12 comes with an easily handled reefing mainsail and jib. The Dacron mainsail is radial cut to optimise performance with control. There is the luxury of a trapeze for the crew and it is easy to get up and out on the wire because of the unique Topaz Cat non-slip surface. The 12 tacks easily and provides perfectly behaved controllable performance. And an asymmetric spinnaker provides a power-boost switch which adds yet another level of excitement and progression.

The Topaz 12 rigging is very simple and straightforward. Non-stretch halyards are cleated at the base of the mast with no need for a fiddly masthead locking system. Halyards can be tucked away neatly in a bag next to the all-important righting line, ensuring the trampoline is uncluttered and easy for the crew to move around.

The Topaz 12 comes with fully adjustable rudder system. The kind of kit that you would only normally find on expensive top of the range racing catamaran. However, the blades are injection moulded plastic so they are very tough and durable which is just what is required on a teaching catamaran.

.....  
“Great news for sailing schools, clubs, holiday companies and the young sailors who will always want to be on the water in this great little performer”





YACHTS  
& YACHTING  
AWARDS WINNER



Safety features include a fully sealed mast and masthead float to ensure that should the 12 be capsized it will float on its side rather than inverting. Righting lines and weight placed aft on the hull means righting the boat is effortless even for very lightweight crew.

The Topaz Cat 12 is tough, light and stiff with a totally modern design that combines high volume bows with a high-aspect rig, helping to make the 12 the real deal on the water. The durable and robust hull construction and the highest specification equipment throughout as standard make the Cat 12 a pleasure to sail and keeps gear failure to a minimum.





# TOPAZ 14

THE TOPAZ 14 IS A HIGH PERFORMANCE CATAMARAN DESIGNED TO BE SAILED BY ONE OR TWO LIGHT-MEDIUM CREW, ALTHOUGH THERE'S ENOUGH ROOM ON THE TRAMPOLINE FOR THREE IF YOU ARE INTO GENTLE RECREATIONAL CRUISING.

*“The Topaz 14 is a bit special. When you jump on you immediately know you are going to have a good sail. It feels like a light fast dinghy”*

**Y&Y**



**BRIEF SPECIFICATION**  
Length 4.50m  
Beam 2.00m



**CREW**  
1-2



**TRAPEZE**  
Optional extra



**LIFTING RUDDER**  
Safe and simple system



**FURLING JIB**



**SEALED MAST**



**TRILAM CONSTRUCTION**

The Cat 14 delivers tremendous performance and is light, responsive, nimble and beautifully behaved. The 14 has a fully battened hard wearing Dacron mainsail with single reefing points and a furling jib. A powerful 10m<sup>2</sup> gennaker is child's play to drop and hoist and provides even more power downwind. But the boat remains controllable and easy to handle at all times. Single and twin trapeze options are available.

Catamarans sail fast because their hulls have a small wetted surface area and the wide platform gives the crew more leverage than a dinghy. The rig provides high power to weight ratio – but the hulls need to be light and stiff. The Topaz 14 hulls are light, stiff and more dynamic than any other rotomoulded cat with taut responsive feedback that qualifies as ‘true performance’ sailing. It is also an unbelievable price selling at a fraction of the cost of equivalent Kevlar laminate or GRP models and it is tougher and virtually maintenance free.



*“The Topaz 16 was the first cat to bridge the gap between low cost rotomoulded hull construction and true performance cat sailing, a feat emulated by the smaller 14”*







SAILING  
WORLD  
BOAT OF THE YEAR



The Loday/White pedigree is clearly evident in the design. The performance is sparkling, yet easily controlled and well thought out with loads of clever features.

Many dinghy sailors believe that the Achilles heel of a cat is an inability to tack. Well, you can forget all those preconceptions with Topaz cats. The Loday/White design team have moved the skegs, rather like small keels, to right under the mainsail where they act like centreboards and let the cat spin round making the 14 a joy to flick from tack to tack.

The trampoline is uncluttered with plenty of space for the helm and crew to move around. And when they want to go out on the trapeze it is easy to hook on and push away from the unique Topaz Cat non-slip surface. The Topaz 14 also comes with a fully adjustable rudder system with a neat, simple and failsafe little lever to lock down each blade. And the blades are sensibly injection moulded in plastic so they are very tough and durable. The rear beam is fitted with a fully adjustable traveller car as standard. All the blocks and cleats and pre-stretch rope are the kind of kit that you would only normally find on expensive top of the range racing catamaran.



*“Superb look and finish...  
Uncluttered... Very quick but  
easy to sail... Above all, it’s a  
beautifully behaved boat that  
would make a great racing class  
for lighterweight sailors up to  
80kg. It’s also a great price”*

**Y&Y**

Safety features include a fully sealed mast and masthead float to ensure that should the 14 be capsized it will float on its side rather than inverting. Righting lines and weight placed aft on the hull means righting the boat is effortless even for very lightweight crew.

The Topaz Cat 14 is tough, light and stiff with a totally modern design that delivers sensational sailing. The durable and robust hull construction and the highest quality specification equipment throughout as standard make the Cat 14 a joy to sail and keeps gear failure to a minimum.

# TOPAZ 16

THE TOPAZ 16 IS OUR FLAGSHIP HIGH PERFORMANCE CATAMARAN AND IS SERIOUSLY FAST, EXCITING AND FUN TO SAIL, YET IS ALSO STABLE AND CONTROLLABLE – AND SURPRISINGLY AFFORDABLE.



**BRIEF SPECIFICATION**  
Length 4.50m  
Beam 2.00m



**CREW**  
1-4



**TRAPEZE**  
Optional extra



**LIFTING RUDDER**  
Safe and simple system



**FURLING JIB**



**SEALED MAST**



**TRILAM CONSTRUCTION**



*“The Topaz 16X provides a different kind of sailing experience. On the water it feels stiffer, lighter and more dynamic than any rotomoulded cat produced by Dart or Hobie, with taut feedback that qualifies as ‘true performance’ sailing”*

**Y&Y**

The Cat 16 has been designed to be sailed by two crew and delivers more than enough thrills to satisfy the serious club racer and the off-the-beach sailor who wants to have fun and a proper blast.

The 16 has a fully battened hard wearing Dacron mainsail with single reefing points and a furling jib. A powerful 13.5m<sup>2</sup> gennaker is child's play to drop and hoist providing loads of extra power downwind. But the boat remains controllable and easy to handle at all times. Single and twin trapeze options are available.

Pedigree is what counts and Yves Loday and Rob White have put decades of experience into making the 16 a very special boat. The performance is stunning yet the boat is beautifully balanced, easily controlled and intelligently thought out with loads of clever features.







As with the 12 and 14, the skegs have been moved right under the mainsail where they act like centreboards that let the cat spin round so that the 16 tacks like a dinghy but won't fall over. The 16 is a sweet machine to drive with taut and responsive feedback proving that high performance rotomoulded cats have truly come of age.

The 16 delivers serious performance and the specification matches everything that you would expect from a top end racing catamaran but costs a fraction of the price bridging the gap between low cost rotomoulded hull construction and true performance cat sailing.

The 16 comes with epoxy racing blades, fully adjustable racing rudder system, high load ball bearing block mainsheet and a fully sealed mast with 2.1 halyard as standard. The front and rear beams are lightweight but super strong and the rear beam has a ball bearing fully adjustable traveller car.

The Topaz Cat 16 is stiff, light and dynamic with a totally modern design that delivers the ride of a lifetime. The durable and robust hull construction and the highest quality specification equipment throughout as standard make the Cat 16 a joy to sail and keeps gear failure to a minimum.



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