

## **RONDAR NATIONAL 12 PARADIGM 2**



### **INTRODUCTION**

The *Paradigm 2* is a ground breaking design for the National 12 Class. It is fundamentally different from other contemporary boats in a number of ways and yet demonstrably able to compete against the *Feeling Foolish*, *Numinous* and *Final Chapter* designs which have dominated in recent years. The basic concept of producing a 12 with enough rocker to be fast for heavier crew weights in light airs, has won through.

The *Paradigm 2* is a development of Gavin Willis' *Paradigm* design, first launched back in 2004. Notably the

*Paradigm 2* has much more freeboard than contemporary 12s as well as more rocker, flatter "U" shaped sections forward and slacker sections aft. The boat tacks very quickly and is ideally suited to inland waters. For more open water a "T" foil rudder has been developed which aids performance in all directions.

You would not normally expect a boat with a lot of rocker to be as quick as straighter boats in a breeze but the "T" foil rudder creates lift at the transom, which the forward "U" sections support. In a breeze more lift equals more speed. However in



light airs, to reduce drag, the rudder can be retracted so the "T" foil clears the water but still leaving sufficient rudder in the water to be able to control the boat comfortably.

The rudder's "T" foil is similar to the ones used in International Moths. The rudder sits in a cassette within a custom made rudder stock and by pulling on a control line the angle of attack of the "T" foil in the water can be changed to generate the amount of lift required. However unlike the International Moth the foils are not designed to lift the boat clear of the water.

#### **2008 PARADIGM 2 CREDENTIALS**

Burton Cup Winner – sailing on the sea  
Race Winner at Inland  
Championships – at Northampton SC  
Race Winner on the River Thames at Henley  
Race Winner at Salcombe YC  
Regatta Week – estuary sailing

#### **THE RONDAR PARADIGM 2 SPECIFICATION**

The Rondar 12 *Paradigm 2* is a high quality racing dinghy at an affordable price. The specification is to choice but typically as follows:

- Hull - epoxy e-glass moulded by Rondar.
- Rig – carbon fibre mast, boom and dangly pole by Super Spar.
- Centreboard – carbon fibre, hatchet style by Milanese Foils.
- Rudder – carbon fibre "T" foil by Aardvark Technologies.

- Sails – the latest high tech sails from leading Sailmakers in the Class (Alverbanks, Pinnell & Bax, Rowsell & North).
- Fittings – fitted by Rondar, generally using high load ball bearing blocks and cleats.

#### **PRICE**

##### **Special 2009 Dinghy Exhibition Offer:**

- Full race spec
- Undercover
- Combi
- **£8,500 inc VAT.**

#### **CONTACT DETAILS**

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