

SPIRITED POWERCATS



At Spirited Designs we have a range of power catamaran designs from tenders through to ocean going vessels. The Ripple range of small tender and open boats have been very popular, these are designed with an easy build system in mind. They can be supplied as a kit package or the building plans are also available separately. The choice of build material ranges from plywood, plain foam core through to light-weight Duflex panels in foam or balsa core.

The Ripple range includes a 2m, 2.3m, 2.8m, 3.2m, 3.6m and a 4.2m. The 4.2m model is large enough to include a centre console with a Targa hardtop. For fishing enthusiasts' one layout includes a fishing deck forward as an option. Some builders have fitted this design with a side console which is incorporated into the hull. These smaller building projects are enjoyed by first-time builders trying their hand before committing to a larger project.

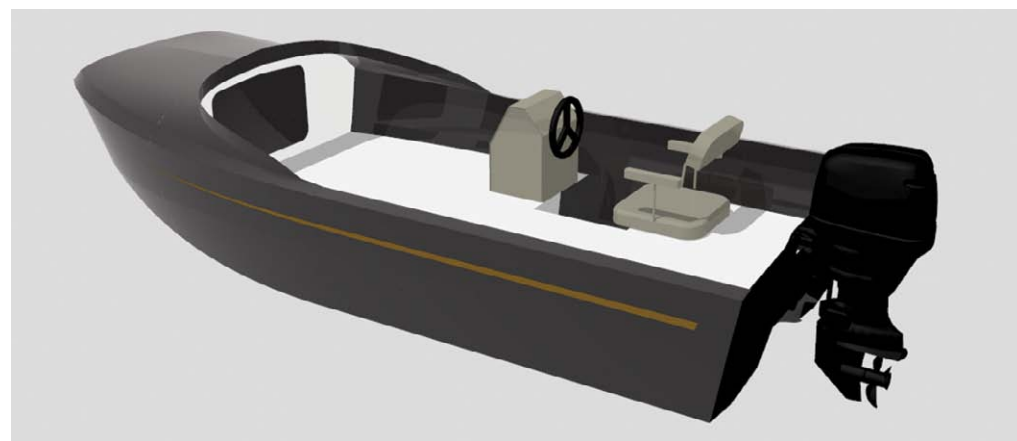
As a tender the Ripple designs fill the brief; the twin hulls provide excellent stability and carrying capacity. They have proven to excel at either low or fast speeds due to the low drag of the two efficient hulls. Many are also choosing

to use these designs as day boats for exploring waterways.

New to our range of power cat designs is the 4.2m Raptor fishing open boat specifically designed for aluminium. This model consists of an extruded section which is supplied folded to shape with only the forward hull panels, deck and the transom requiring welding.

For those who prefer alloy as a build material this is a quick to assemble option in a catamaran configuration.

A larger power design we have in our range is the Spirited 230 which is a 23ft lightweight trailerable planing catamaran. This design caters to limited extended cruising with relatively generous accommodation. The interior is well



left: The Spirited 400 launched in Argentina.

below left: The brand new 4.2m Raptor designed for alloy construction.

top: An example of the Spirited 230 built in Brisbane.

above: The Spirited 230 launched in Gosford, NSW earlier this year.

appointed with a galley and a settee as you enter the wheelhouse. Forward of the galley is the helm station with a good view through the windscreen. There is access to the foredeck through an opening centre panel of the windscreen. Down below there is a queen sized berth which is private from the wheelhouse. In the cockpit there are a few options to choose from. The standard layout is more social with seating around the perimeter. There is a fishing option where the deck is open and also a combination with limited seating.

The performance and fuel economy of this design has been impressive with the light weight structure enhancing the ride and fuel consumption. In line with its design brief this model has the range for extended trips away. Launching and retrieving as well as general handling is

improved due to the light weight aspect.

The flat panel design lends itself to DIY builders and coupled with a computer-cut kit is an easy-to-build project. The choice of building material is Duflex panels in either balsa or foam core. As with the Ripple designs the kit for this model is supplied with an interlocking MDF build frame. The hull panels are fitted to this and then glass taped together.

The largest power design in our range is the Spirited 400, a 40ft semi-displacement flybridge power cat. The semi-displacement hull design offers excellent efficiency at low or high speeds. This hull shape is also highly fuel efficient providing good range. This model is powered with inboard diesel engines ranging from 50hp through to 125hp depending on desired speeds. With the largest engines this design can cruise easily at 18kts with a top speed of 28kts.

The accommodation on this design is large enough for live-aboard and long-term cruising. The steering console is situated in the saloon cabin opposite the galley. The saloon layout is kept as a social area with a large door and



from top:

The 4.2m Ripple with side console showing off the excellent carrying capacity and stability of these designs.

A 3.2m Ripple built from Duflex foam.

The 3.6m Ripple being used exploring the lakes of Tassie.

windows in the aft bulkhead dividing this area and the cockpit. This design has a generous flybridge which is covered by a stylish composite Targa and hardtop. Flat open deck spaces provide good safe footing along the side decks to the foredeck which is also a large level open area. The standard accommodation layout includes two private queen double cabins forward and a private double cabin aft. Both queen cabins lead forward to an ensuite or a walk-in-robe to the customer's preference.

This design has a lightweight structure of either Duflex balsa or foam core and can be supplied in kit form for easy DIY assembly. The package includes pre-made hull and deck sections. All other parts are computer-cut flat panel and fit together with the hulls and decks to create a stylish round bilged appearance.

**SPIRITED
DESIGNS**

> For more information about these or any of our other designs go to:
www.spiriteddesigns.com.au