

Five reasons define 'The Distinctive Choice'

1. *Efficient and High Performance Hull Shape*

Karnic engineers give high emphasis on the design of hull. In fact, every shape, dimension, edge or corner on each Karnic hull has been designed to serve a purpose. Pronounced and deep spray rails on the hull bottom at the right position and length, reverse shape of chines, variable bottom 'V' angle, the presence of planing pad, waterline beam and topside flair, are significant parameters to achieve an outstanding water behaviour in calm and rough conditions, in motion or at rest.



2. *Structural Coherence and Rigidity*

Karnic hulls are reinforced with an 'all-composite' foam injected stringer system designed to provide an ultra stiff structure both in flexure and torsion. Hull stiffness is a critical feature to avoid shape deformation under the high water pressure loads at speed. In fact, a Karnic hull is so stiff that it can be suspended asymmetrically from three points without signs of flexing or twisting. In addition, the material homogeneity distributes stresses evenly and prolongs product lifetime as more vulnerable materials such as wood are eliminated.



3. *High Quality of Build*

High quality of build is a principal requirement for every part or component produced by Karnic, covering from the selection of parts and materials to product fabrication and assembly. There are numerous examples of visible features that demonstrate this such as the bonded rather than screwed solid wood cabin door frames, the styled stainless cleats, the all welded rails, the automotive style bonded glass on all closed cockpit models or in the non-visible areas, the osmosis resistance vinylester skin coat standard on all hulls and the use of topcoat on all internal hull surfaces for maximum protection.



4. *Product Style and Detail*

Karnic aims in every design to offer unique styling and usable detail with complex modern surfaces to define shapes, well studied ergonomics and balanced space allocation. Although this requires a lot more effort during design and development, it achieves the unique character of all Karnic models and maximises return to owner for a given boat category. It is generally observed that there are more features, detail and space utilisation in a given square meter on a Karnic than the equivalent square meter on a competitive boat of the same category.



5. *High Product Value for Money*

Karnic manages to offer a high value product at competitive prices because of the emphasis given in developing and refining a highly efficient production system that is based on accuracy and flexibility to autonomously control quality with more than 150 control points per line. The challenge for Karnic is to minimise production costs by refining and developing methods or processes to increase productivity and eliminate waste rather than sacrificing quality.

