

pure energy

Mission Shells At A Glance

Construction Materials

Carbon fiber skins with Spheretex core laminated using advanced resin infusion. This method of lamination creates a lightweight, and rigid structure highly resistant to impact damage ideal for rowing shell construction.

Construction Methods

Side by Side hull construction method. Molding the hull in left and right sides produces a final structure that has superior longitudinal stiffness allowing the rower's energy to more effectively transformed into boat speed. Additional benefits include: increase toughness along keel line, a more aerodynamic top portion, and superior resistance to splashing in the cockpit.

Components

To fully benefit from the increased performance of our hulls we chose the best carbon components from Durham Boat Company. The weight savings of having a full carbon components package allows us to further increase the stiffness of the hull and keep the center of gravity as low as possible. The lack of metal in our components also makes our boats very salt water friendly.

Riggers

Instead of varying our construction for our different model levels, we chose to maintain the stiffest hull possible and offer a rigger selection. Our top model uses the stiffest carbon rigger available giving you the rower the best energy transfer to maximize boat speed. Our robust entry level aluminum rigger is perfect for club use with excellent stiffness with great value.

