

RS 21

FEATURES

Overarching Design Goals

- Progressive design for simple and affordable club & syndicate ownership
- Balanced, quick and enjoyable sailing as a team
- Evenly matched, close racing prioritized over ultimate performance
- Robust and simple to maintain – efficient fleet operation
- Sustainable aspects designed and built in

Hull

- Eco-friendly construction using bio derived resins and recycled core materials
- Contemporary styling for appeal that reflects cool boats of the era
- Maximum waterline length
- Balanced rocker line for good performance across the wind range, at the expense of maximum speed at one end or the other
- Pronounced chines add form stability as the boat heels and shed water for a drier ride

Foils

- Lifting bulb keel – encapsulated in GRP skins
- Removable internal keel crane
- Composite transom hung rudder – removable
Tiller extension

Deck

- Large open cockpit with comfortable space for four crew
- Open transom for rapid draining
- Layout and systems allow handling by two crew if required
- Minimal obstructions reduce bruises
- Large central hatch for stowage of sails etc within the boat, adding operating efficiency
- Centre mainsheet can be trimmed by helm or crew
- Kick bars give ergonomic and secure positions for all crew
- No-hiking rule aids racing enjoyment, communication and widens strategic input
- Deck designed to allow one hull to stack on another – for efficient event transport and improved sustainability aspects

Rig

- Carbon composite mast reduces weight aloft to improves handling
- Light weight and pivoting heel make the mast easy to raise by hand
- Two-part mast – store / travel within the boat
- Durable aluminium alloy boom
- Carbon composite bowsprit
- Quick to rig – 20 minutes from trailer to launch ready
- Durable construction Club sails & larger Race sails options
- Mainsail with single slab reef system
Trouble free hanked-on jib

Sail Handling Systems

- Large cockpit with comfortable space for 4 crew
- Simple layout with clearly understandable controls
Large gennaker bag for efficient hoists / drops

Electric Propulsion System (optional)

- Torqeedo motor system integrated into hull & deck design
- Sits almost invisibly behind the keel / under the mainsheet system
- Prop leg can be raised while sailing – bottom fairing plate closes the hull recess
Central speed control unit & removable / rechargeable battery pack

Electronics / Innovative Community

- Built-in data logger – capable of sending info to a remote online site
- Allows communication between owners, crew and all participants
- Share anonymized data – compare performance – learn – improve
- Manage calendars – advertise for & find crews
Speed / depth functions – display mobile devices

Options

- Symmetrical spinnaker and equipment ((not required for one-design Class racing)
- Code 0 & equipment (not required for one-design Class racing)
- Mast head wind indicator
- Keel winch
- Boat cover
- Shore cradle with wheels
- Road trailer
- Warps & Fenders pack
- Anchor pack – inc chain / warp / bag