

C U S T O M

60

Sport-Fisher







THE BRIEF

Design and build a go anywhere serious sport fishing boat.

THE DESIGN

Aura is completely designed in-house as we have been doing so since 1909. None of our boats are built in moulds, allowing for every aspect of the build to suit the custom requirements of the owners.

Aura features a warped planning hull with deep tunnels below the waterline with substantial flare forward, optimised to be stable at speed and at rest when fishing, whilst retaining superior performance at speed in a seaway or to and from offshore fishing grounds. This is achieved without the need for noisy hull bottom spray-rails or planning strakes.

The transom shape including large radiused corners was designed to facilitate backing up hard on fish.











CONSTRUCTION

One-off temporary moulds were built for all main components including hull, deck, deckhouse, flybridge and console. The structure is designed by composite engineering experts ATL Composites to meet DnV-GL HSLC R1 High Speed Light Craft Rules.

The hull bottom is designed and constructed for 2g loading and is infused with epoxy resin and E-glass either side of a high density Divinycell structural foam core providing the ultimate strength-to-weight structure. Topsides are also foam cored with the highly stressed and impact zones such as the chines, keel and stem all being solid GRP.

Engine bearers are a combination of carbon fibre and E-glass with epoxy resin and run the full length of the hull to provide a rigid hull. The hull is a monocoque construction with the hull shell providing the strength and rigidity with minimal internal framing to maximise usable space. The main deck, deckhouse and flybridge are all constructed in custom moulds using E-glass and epoxy either side of a Divinycell structural foam core.





SPECIFICATIONS

LOA | 60' (18.29m)

BEAM | 19'3" (5.87m)

DRAFT | 4' 7" (1.40m)

DISPLACEMENT LIGHTSHIP | 73,000 lbs (33.1 tonnes)

SPEED | 41 knots (@ 93% engine load)

FUEL | 1,800 US gal (6,800 L)

WATER | 160 US gal (600 L)

ENGINES | 2 x 1825HP C32 Cat ACERT

GENSETS | 2 x 19kVA Onan

TRANSMISSIONS | Twin Disc Quickshift MGX-6620A

CONTROLS | Twin Disc EC300 with Palm Beach Controls

STABILISER | Seakeeper 16



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SINCE 1909

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