

db' db'

Standard Equipment

db' db'

**Hull:**

Hand lay-up only  
Highest quality polyester resins and gelcoats  
Moulded graphic design and waterline  
Choice of speed stripe and waterline colours  
High strength to weight ratio  
Sandwich construction  
Kevlar® (5X stronger than steel and ½ the weight of fibreglass)  
Coremat® (low density, high flexural, compressive, shear and impact strength)  
Longitudinal aluminum frame  
Flush thru-hull fittings  
Aluminum athwartship bilge floor frames  
Built-in safety pole launching tube

**Deck:**

Hand lay-up only  
Sandwich construction  
Kevlar®  
Endgrain balsa  
Longitudinal aluminum frame  
Aluminum backing plates for all fittings  
Laminated hull to deck joint forming complete monocoque construction  
Moulded in contrasting colour in non-skid areas  
Moulded cabin side colours, matching speed stripe  
Spinnaker pole recess on foredeck  
All halyards led aft through tubing under cabin top

**Deck Fittings:**

Bow pulpit  
Tapered stainless steel stanchions  
2 lifelines  
Stern pulpits  
2 mooring cleets with line-snap preventers  
Folding toerail  
Custom bow fitting for forestay  
Custom halyard fairleads  
Halyard stoppers  
Aluminum mast collar  
Two sets of jib tracks with sliders  
Barber hauler tracks with sliders  
Genoa winches — 2X Lewmar 40 self-tailing two speed  
Halyard winches — 2X Lewmar 30 two speed  
Running backstays — 2X Lewmar 40 self-tailing  
Traveller with car  
Genoa turning blocks  
Spinnaker turning blocks  
High quality ball bearing blocks throughout  
Two opening ports  
Two main sliding hatches  
Bilge pump

**Cockpit:**

Seat and coamings contoured for various heeling angles  
Moulded in non-skid areas  
Rubber-cork non-skid on cockpit floor  
Self draining  
Flush mounted transom cover  
Life raft stowage cockpit floor locker

**Rudder:**

Solid aluminum rudder shaft  
Custom lightweight aluminum tiller  
Tiller extension  
Adjustable tiller height  
Emergency tiller

**Cabin:**

Bulkheads from lightweight sandwich Teak and core construction  
Wood battens on cabin sides  
Teak used extensively throughout  
Deckhead lined with cloth finish  
Two extra wide quarter berths  
Chart table with storage  
Galley with two burner gimbaled stove  
Sink with drain and pressure water  
75 litres (approx.) water tank  
Storage lockers  
Two pilot berths  
Two folding settee/berths with folding backrests  
High density foam cushions  
Folding removable cabin table  
Toilet with folding wash basin

**Rigging:**

Custom black tapered mast  
Aerofoil double spreaders  
Internal shroud tangs  
Stainless rod rigging for forestay, upper, intermediate and lower shrouds  
1X19 stainless steel wire for backstay, running backs and preventers  
Internal bolt rope on mast and boom  
Internal wire-rope halyards  
Windex  
Mast keel stepped  
Mast foot position adjustable  
7 turnbuckles  
Purchase systems for backstay, running backs and preventer  
Boom with internal outhaul and reefing lines  
Stainless steel gooseneck fitting with reefing hooks  
Shrouds led through custom deck fitting to athwartship aluminum stringers tied to keel  
Spinnaker pole with trigger end fittings  
Spinnaker pole track with slider  
Tube-type boom vang with purchase system

**Running Rigging:**

All running rigging leading into cockpit  
Spinnaker halyard  
Two genoa halyards  
Main halyard  
Spinnaker sheets — light and heavy  
Genoa sheets — Jib sheet  
Spinnaker pole topping lift  
Spinnaker pole downhaul  
Genoa sheet Barber haulers  
Jib sheet Barber haulers  
Tweeters for spinnaker  
Main sheet  
Traveller control lines  
Cunningham

**Engine:**

30 h.p. 3 cylinder diesel with "V" drive  
1 inch propeller shaft  
Stainless propeller strut  
Moulded engine bed with integral bilge pan  
Engine blower  
Diesel fuel filter  
Intake water strainer  
Water cooled exhaust  
Waterlock exhaust muffler  
Cockpit mounted single lever gear shift/throttle  
Cockpit mounted instrumentation with tachometer, warning lights and buzzer  
Martec folding propeller  
Fuel tank 45 litres (approx.)

**Electrical:**

2X 12 volt 88 amp batteries  
2 position main switch  
Switch panel with breakers  
Voltmeter  
Bulkhead lights fitted throughout  
Flexible chart light  
International standard navigation lights  
Deck light  
Windex light  
Compass lighting

**Ballast:**

Precision cast lead  
9X type 316 stainless steel keel bolts  
Keel bolted to aluminum stringer system  
Keel faired and primed  
Internal ballast  
Approx. 50% ballast ratio

**Warranty:**

5 year limited warranty

**Outfitting:**

4 mooring lines  
4 fenders  
Anchor and ground tackle  
4 winch handles

**Available Options:**

FACTORY SUPPLIED & INSTALLED  
Secuma lifevests  
Loran C  
VHF radio  
IOR safety package

HANDLING & STORAGE  
Collapsible steel cradle  
Winter cover

**INSTRUMENTS****SAILS**

brighton

YACHTS

**Dimensions:**

L.O.A. .... 10.1 m (33'2")  
L.W.L. .... 8.1 m (26'7")  
Beam .... 3.4 m (11'2")  
Draft .... 1.89 m (6'2")  
Displacement .... 3300 kg (7275 lb)  
Ballast .... 1600 kg (3527 lb)

**Sail Area:**

Main .... 63.0 m² (678 ft²)  
Genoa I .... 31.7 m² (341 ft²)  
Genoa II .... 30.5 m² (328 ft²)  
Genoa III .... 24.7 m² (266 ft²)  
Genoa IV .... 19.9 m² (214 ft²)  
Storm .... 14.5 m² (156 ft²)  
Trisail .... 6.2 m² (67 ft²)  
Big Boy .... 9.2 m² (99 ft²)  
Floater .... 31.4 m² (338 ft²)  
Spinnaker .... 66.5 m² (716 ft²)  
Spinnaker 80% .... 56.5 m² (608 ft²)

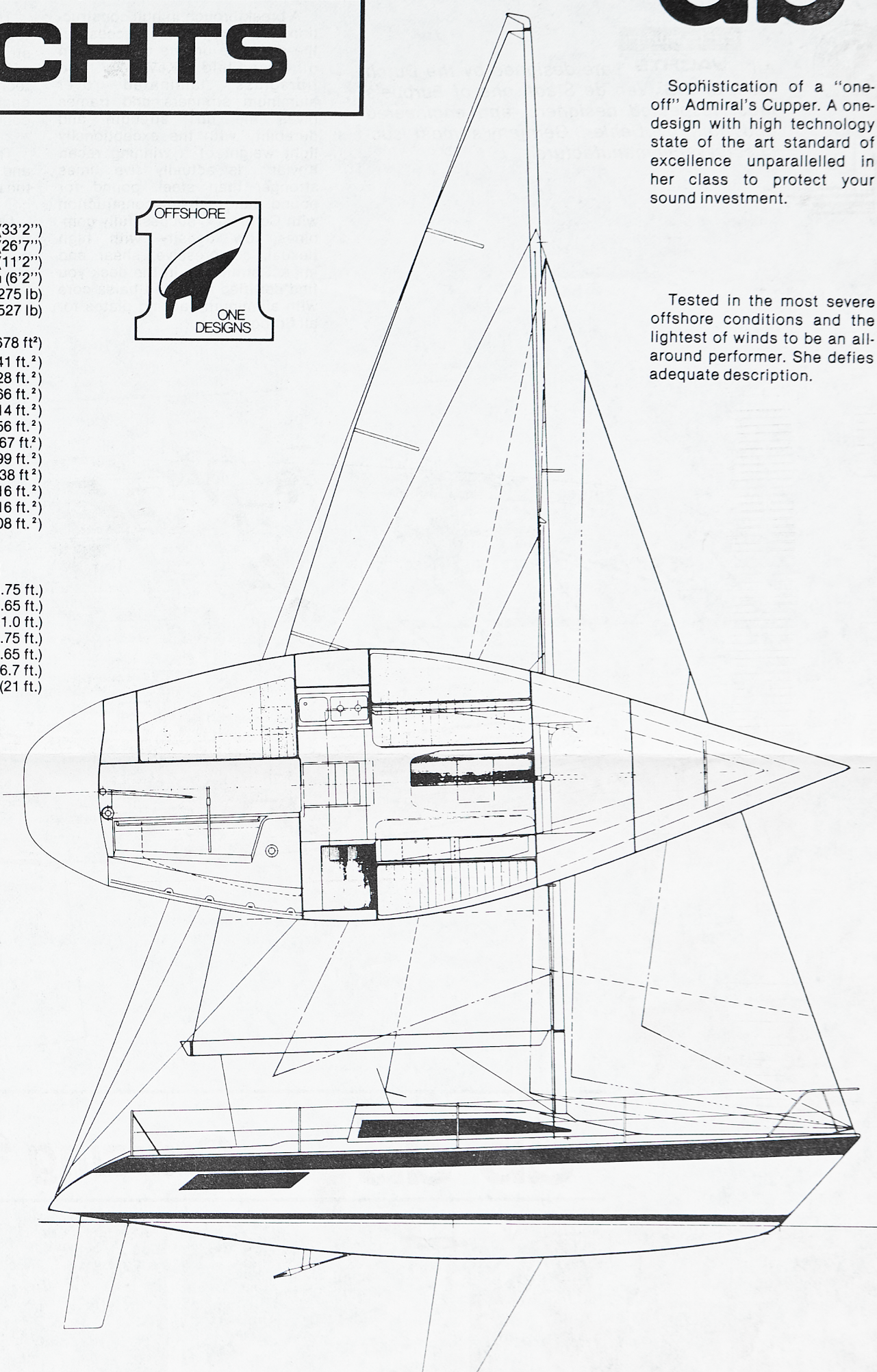
**Sailplan Measurements:**

I .... 11.20 m (36.75 ft.)  
J .... 3.55 m (11.65 ft.)  
P .... 12.5 m (41.0 ft.)  
E .... 4.5 m (14.75 ft.)  
SPL .... 3.55 m (11.65 ft.)  
SL .... 11.16 m (36.7 ft.)  
SMW .... 6.39 m (21 ft.)



Sophistication of a "one-off" Admiral's Cupper. A one-design with high technology state of the art standard of excellence unparalleled in her class to protect your sound investment.

Tested in the most severe offshore conditions and the lightest of winds to be an all-around performer. She defies adequate description.



3/4 Ton

33'

db' db'

Forces Comparison

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Brighton Yachts Ltd. has a policy of continuous improvement and reserves the right to make improvements or changes within the Class Association or One-Design rules.

Printed in Canada

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YACHTS

Your Dealer:



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The Custom Dream One Design  
at Production Boat Price

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Balanced approach to seaworthiness, security, performance, comfort and beauty.



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Unique Construction

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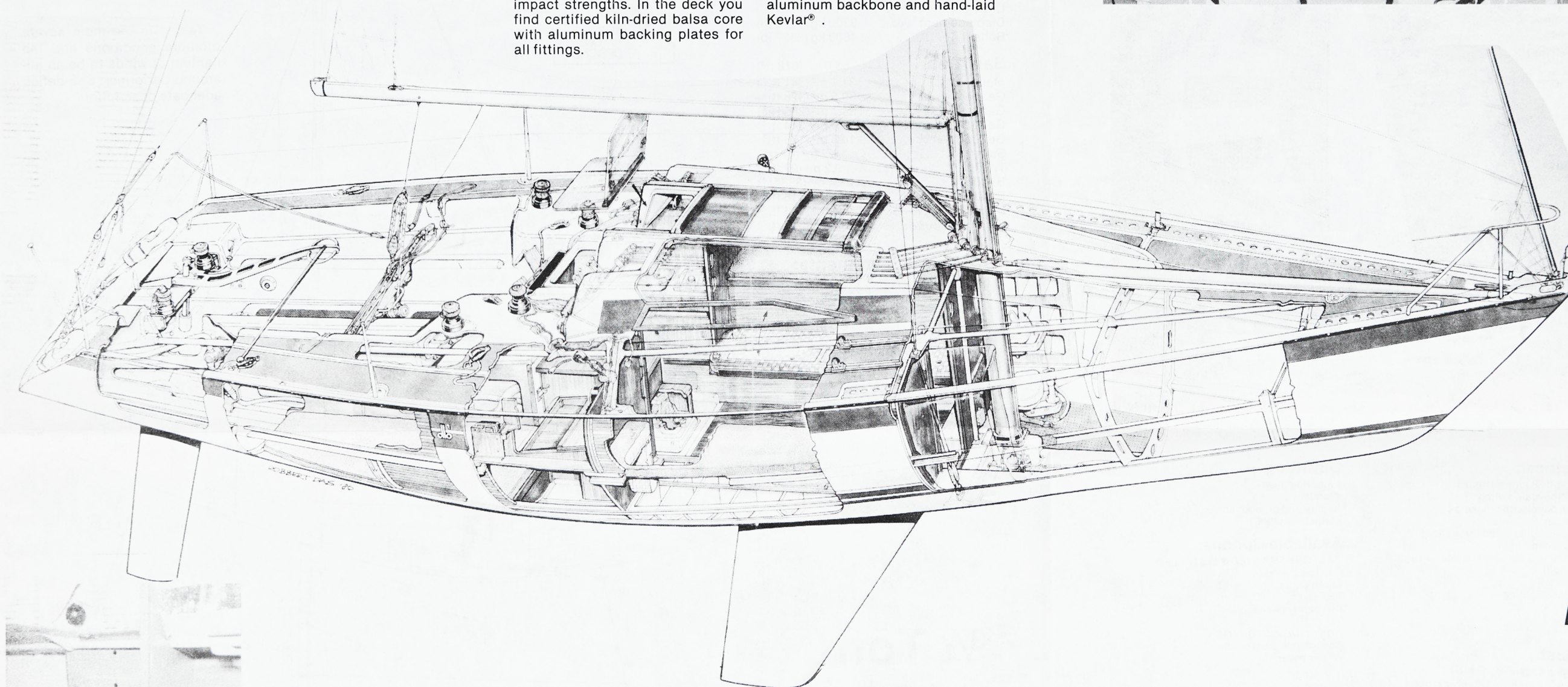
All **BRIGHTON YACHTS** are designed by the Dutch team of E.G. Van de Stadt, one of Europe's most respected designers, and engineered and built by Dehler, Germany's most successful yacht manufacturer.

A breakthrough in hull construction is the key to the success of the db1. The unique combination of hand-laid Kevlar® and fibreglass laminated over aluminum stringers and frames gives the db1 strength and durability with the exceptionally light weight of a winning racer. Kevlar® is actually five times stronger than steel, pound for pound. Sandwich hull construction with Coremat® successfully combines low density with high flexural, compressive, shear and impact strengths. In the deck you find certified kiln-dried balsa core with aluminum backing plates for all fittings.

The hull and deck are laminated together into one piece. db1 construction is an uncompromising effort to combine design, technology, strength, durability, quality and light weight into one concept.

The mast is stepped through and the shrouds are tied directly to the keel.

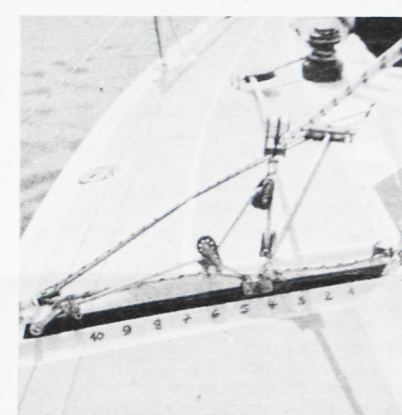
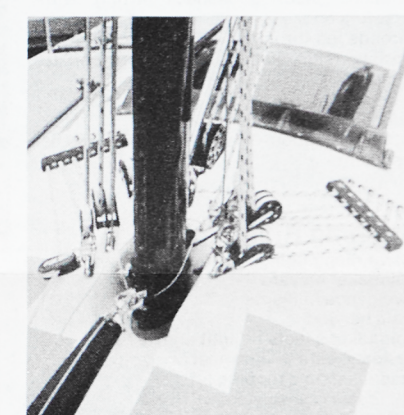
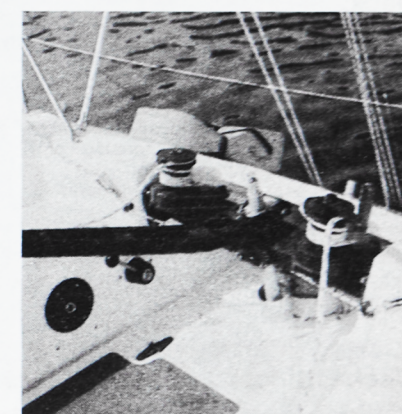
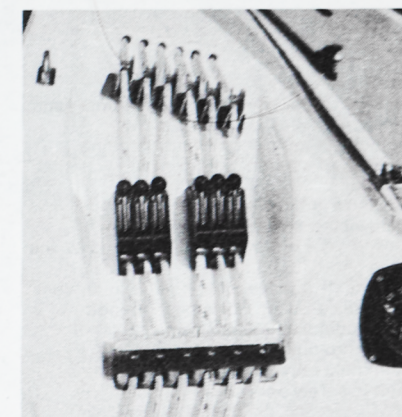
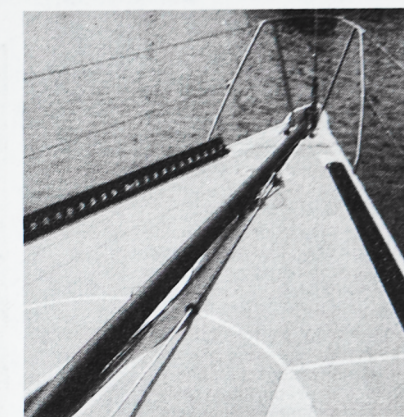
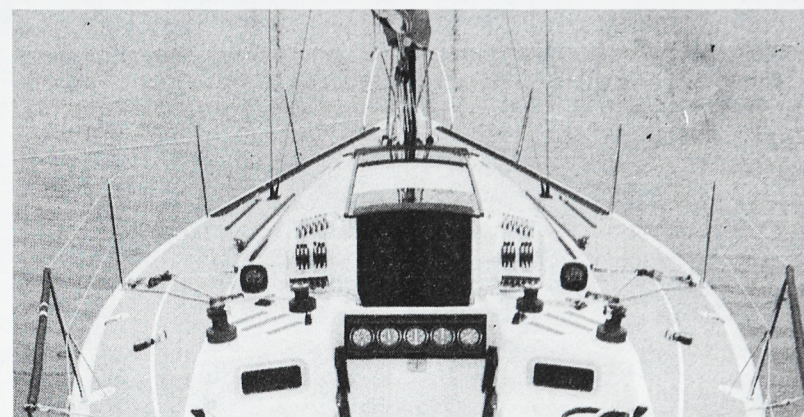
Our Sprinta Sport and the db1 are the only monohull production boats in North America with an aluminum backbone and hand-laid Kevlar®.



db' db'

Racing Rigging

db' db'



**Fastest 3/4 Ton  
Production Boat in the World db'**

#### Representative results:

##### 1980

Cowes Week ..... 1st Overall  
Kiel Week ..... 1st Overall  
Northsea Week ..... 1st Overall  
3/4 Ton Worlds ..... 2,3,5,6

##### 1981

Kiel Week ..... 1st Overall  
Round Helgoland ..... 1st Overall  
Allassio Week ..... 1st Overall  
3/4 Ton Worlds ..... 2,3,4,5,6

##### SORC:

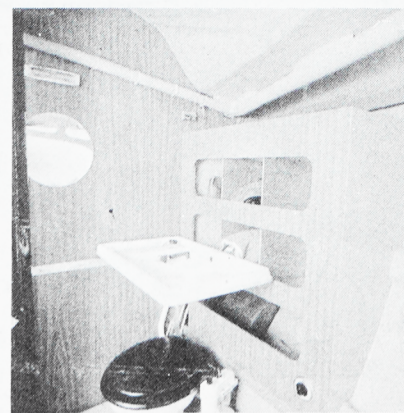
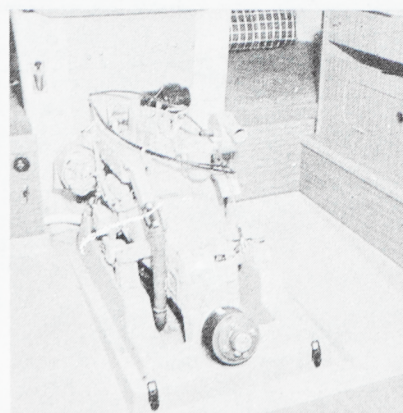
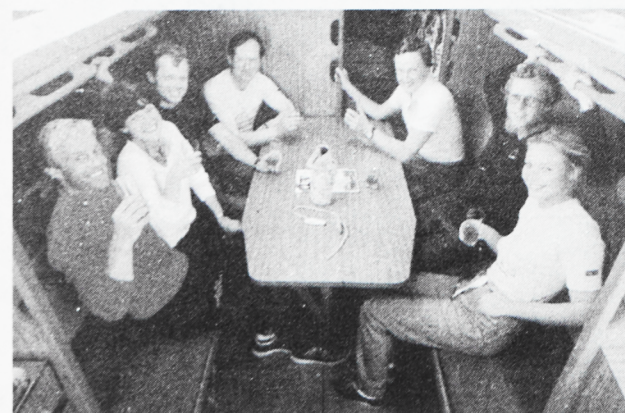
Miami Nassau ..... 1st Overall  
(Ahead of fleet and Acadia  
by over 1 hr.)  
Production Class ..... 1st Overall  
Lipton Cup Class E ..... 1st  
Miami Nassau Class E ..... 1st  
Nassau Cup Class E ..... 1st  
Ocean Triangle Class E ..... 2nd  
Class E ..... 2nd Overall  
Harris Series California .....  
1st race at press time —  
1st Overall



db' db'

Cruising "Gemütlichkeit"

db' db'



**BRIGHTON  
YACHTS**

**Quality Standard of Excellence**

**A ton class racer that handles like a dinghy  
Unique design, superb craftsmanship**

db'