

HB 31 O.O.D

NEW high performance production cruiser-racer OOD

CONCEPT

The new Hunter HB 31 is designed with four basic aims in view:— To have a large degree of cruising comfort; to be aesthetically pleasing; to be fully competitive in open and club racing; and to be the FIRST high performance One Design of her size.

HULL

HB 31's hull form gives considerable internal volume. The lines are developed from the highly successful 'Luv' design to give the same magical combination of balance, control and speed. This is just as desirable to the cruising owner as it is to the racer. The hull is moulded using the latest and best Kevlar materials to produce an amazingly tough and stiff laminate whilst keeping weight low. We do not subscribe to the term 'exotic' materials. A top quality Kevlar laminate is superior to an all rovings laminate; just as an all rovings laminate became superior to chopped strand layup back in the '70's. Quite simply the HB 31 uses the latest and the best.

KEEL

The HB 31 has an all lead fin keel. This ensures the highest possible stability and lift and the lowest possible drag. On a yacht of this size and quality, a cast iron keel is quite simply 'second best' and a false economy.

ACCOMMODATION

The interior layout is designed to give space and comfort to the seagoing crew. Pokey aft cabins and clever gimmicks are all very well at Boat Shows; but NOT on yachts designed to leave the mooring and go sailing. There is a large galley aft to port complete with cooker and oven, sink, ice box and ample stowage. Aft to starboard there is a large navigation area plus navigators quarter berth. In the saloon there are two fixed pilot berths outboard of the comfortable settee berths. All have lee cloths. The structures are all teak faced wood and glassed into the hull whilst still in the mould. This ensures uniformity of shape and massive strength from the permanent box sections that result. You will never achieve the same strength with GRP moulded interior

hinging backrests. Forward are conventional heads compartment with wash basin, hanging locker and a full sized double berth in the forecabin. Ventilation is supplied by three ventilators plus a mid saloon hatch, forehatch and aft companionway hatch. In short, the accommodation is civilised, comfortable and designed to work both in port and at sea.

DECK & COCKPIT

The visually attractive and efficient Hunter lines are much in evidence. The side decks are wide. The cockpit is long and comfortable. Primary two speed winches are mounted on forward turrets. All control lines lead aft via rope clutches. There is an anchor well for'd and cockpit locker aft.

RIG

The HB 31 has a fractional rig with single spreaders swept slightly aft. Simple single runners are supplied to give the keen racing owner maximum forestay tension upwind and maximum security when planing downwind under spinnaker. So the rig combines the ability to cruise simply or race efficiently . . . without resorting to the complications and hazards of multiple spreaders and miles of wire and string. Mainsail, No. 1 Genoa (MYLAR), 'Solent' Genoa, storm jib and Triradial spinnaker are all STANDARD.

MOTOR

Lightweight diesel inboard with geared folding propeller.

RACING

The IOR rating is anticipated to be around 21.7. Very competitive for a yacht of this size and pedigree. Strict One Design rules will be adhered to in the construction of the yacht. There is a genuine need for a top level One Design of around Half Ton Rating with a civilised interior. A Production 'Half Ton One Design' to give superb long term competition plus 'GT' cruising capability. A new Hunter is always exciting . . . and this one is no exception.

HUNTER

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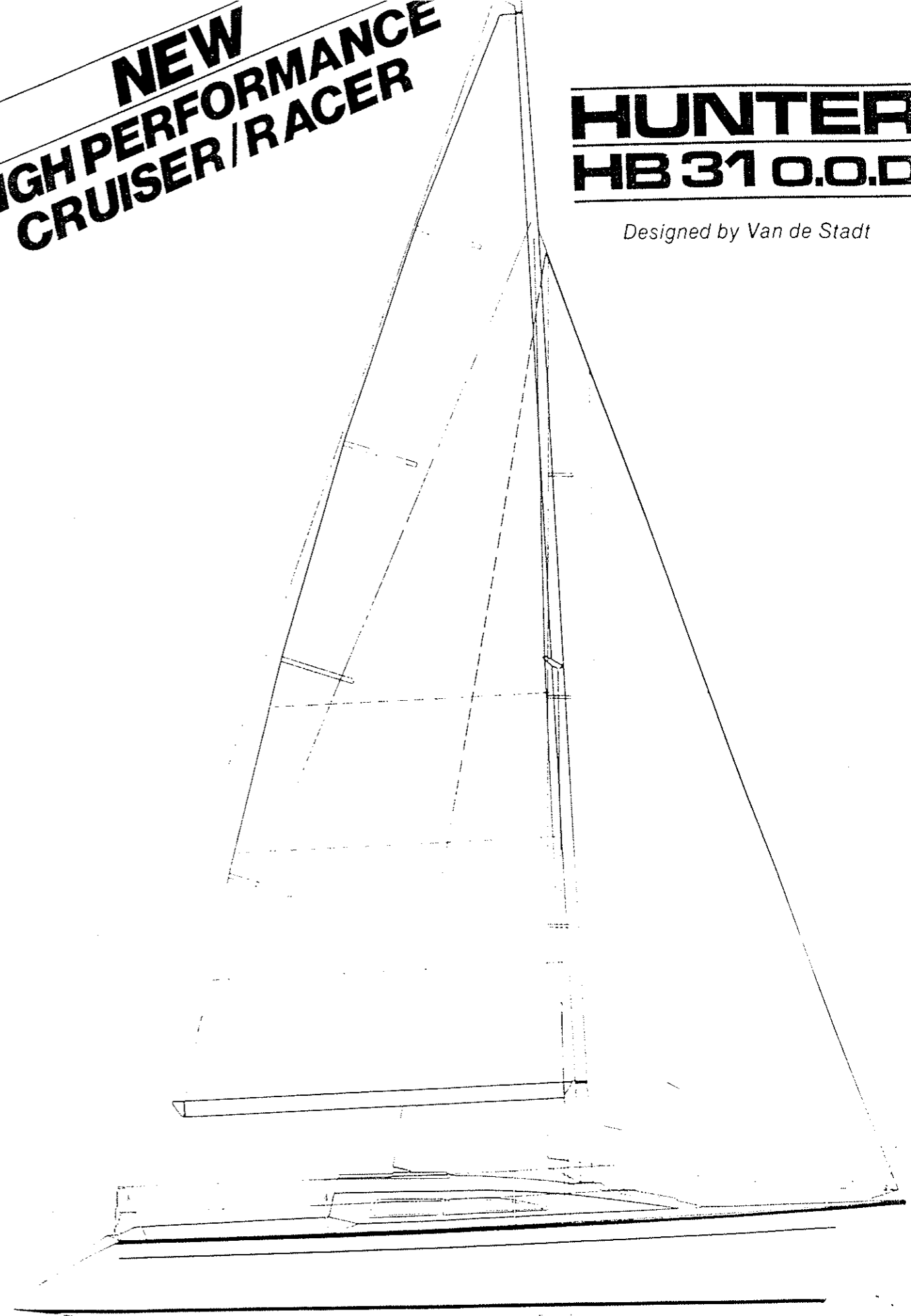


Hunter Boats reserve the right to amend any specifications, prices or other details that may be quoted in this literature, without notice.

NEW HIGH PERFORMANCE CRUISER/RACER

HUNTER HB 31 O.O.D

Designed by Van de Stadt



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August 1983.

The HB31 Cruiser Racers have been going afloat and winning races as the 1983 season has progressed. Consistent Class wins and placings in such important series as the Solent Points and J.O.G. prove the point.

Indeed, at the moment, an HB 31 Cruiser Racer is currently top Half Tonner in both of these series. And it pays to remember that these results have been achieved against the fastest and most stripped out specials in the land. By amateur crews. And with just the standard sail wardrobe. All the HB 31s have sailed with just one all purpose No. 1 Genoa for example. No lightweight specials or drifters. Which have often been necessary this year.

The principal results include the following:

Solent points	Two 1sts, one 2nd, one 3rd and one 4th
J.O.G. (offshore)	Three 1sts, two 2nds
Royal Yorkshire YC	Bridlington Week Regatta. Three 1sts, one 2nd
Royal Southampton	Round the Island 2 handed. 1st Half Tonner. 3rd o'all
Nab Tower Cup	1st overall

So far no boats have been delivered to Scotland, Ireland or Wales. The first boats to do East Anglian events will be competing in 1984. But you can be sure that they will be winning there next year.

For interest, two of the successful South Coast HB 31 cruiser racers have also done long cruises. One to South Brittany with a husband/wife/three children crew. And another all around the West Country with a husband/wife/3yr. old sprog crew. Just to prove the superb dual purpose nature of the boat.

HB 31 RS

Designed by Van de Stadt

But, having said all this, several customers have asked us for a "souped up" version of the HB 31. For serious campaign on the International Half Ton circuit.

Many people noticed how a German yacht called "Olessa" dominated the three quarter ton class in Cowes Week 1983. She walked all over the latest UK one off and production three quarter tonners.

In fact "Olessa" is a DB2. A modified DB1 with new stern shape (same lines as the HB 31), taller lighter rig and amidships situated engine. So Van de Stadt have done the same exercise on the HB 31 to produce the HB31RS. Her main features are as follows:

- (1) Taller mast in a lighter section with double spreaders, checkstays etc.
- (2) Engine located amidships. This inevitably spoils the accommodation but does give a slight benefit in weight distribution.
- (3) Lighter and simpler accommodation with less trim and fewer creature comforts.
- (4) Open transom with twin runner winches mounted athwartships aft pillar.

The HB 31 RS version will be of particular interest to the kit builder and dedicated racer who wants to win at the lowest possible expense; in the hottest international company. The standard 31 Cruiser Racer is already winning comfortably. So it should not be difficult.

HULL. Kevlar composite laminates for maximum strength and stiffness combined with efficient weight distribution.

DECK. Cored Kevlar composite. Stiffeners & backing pads moulded in

KEEL. High Tech. lead keel with stainless steel skeleton & solid trailing edge

CRUISER/RACER VERSION.

Rig. Tapered mast with single swept spreaders. Maxi depth boom with 4 goose-neck stoppers. Solid kicker. Spinnaker pole. S/Steel fore/backstays, upper/lower shrouds, single runners. Main, genoa(2), spinnaker halyards.

All lines for reefs, cunninghams, barber haulers etc. All sheets. Minifoil.

Fittings. S/steel stemhead, bow roller, bow & stern pulpits. 6 stanchions.

Double guardrails. Canpa saloon & forehatches. 10 Spinlock rope clutches.

8 alloy clam cleats. 2 adjustable jibsheet cars on alloy tracks. Roller mainsheet car on full width track. Sheet & control line fairleads & cleats.

Winches. 2 Lewmar 40. 3 Lewmar 24. 2 Lewmar 16.

Instruments. 2 porthole compasses. Echosounder.

Engine. Yanmar 1GM10 diesel. Geared folding propellor. 55 litre s/s tank.

Interior. Fully lined de-luxe interior with polished and laquered teak

trim and finish. Galley complete with 2 burner cooker/grill/oven, ice box,

sink, pump and numerous lockers. Chart table area with opening table and

instrument console. Fully upholstered saloon berths(2), pilot berths (2),

forward double berth and aft quarter berth. Buttoned upholstery in choice

colours. Lee cloths standard. Saloon dining table removable for racing.

Heads compartment with marine w.c., Elanco flush sealing cocks, wash basin,

pump and storage lockers. Hanging locker opposite.

Compared to other 1/2 Ton cruiser/racers, she is "luxurious to the point of

opulence" in the opinion of Yachts & Yachting.

Electrics. 2 heavy duty batteries. Isolator switch. Fused panel. Saloon,

chart table & forepeak lights.

PRICE EX.WORKS EX.V.A.T.

R/S GRAND PRIX RACER VERSION.

Rig. Double spreader racing mast with diamond struts. Maxi depth boom. Sol

kicker. Spinnaker pole. ROD RIGGING as standard upper/lower/intermed. shrou

s/steel fore/backstays, runners & checkstays. Main, jib, spin (2) hals.

All lines for sheets, reefs, controls etc. Spinn sheets KEVLAR. Headfoil.

Fittings. As cruiser/racer but amended as follows: extra athwartships gen

tracks with cars, blocks, lines, cleats. Bow well omitted. Mid saloon hatch

omitted Transom infill panel omitted.

Winches. 2 Lewmar 30 ST. 2 Lewmar 40. 2 Lewmar 16.

Instruments. 2 Porthole compasses. Echosounder.

Engine. Yanmar 1 GM installed amidships. Geared folding prop. 55 litre tan

Interior. The "state of the art" race boat accomodation. Light but practic

and civilised. Galley with 2 burner Gaz cooker, sink, pump, ice box, lockers.

Chart table area with opening table & instrument console. Large aft quarter

berth split by dividing lee cloth. Saloon settee berths with lee cloths.

Adjustable pipe cot pilot berths. Saloon lined for comfort and insulation.

Heads area with marine w.c. & hanging locker. Forepeak storage area (that

can convert to double berth if required)

Electrics. 2 heavy duty batteries. Isolator switch. Nav. lights. Chart table

& saloon lights. Fused switch panel.

PRICE EX.WORKS EX.V.A.T.

STANDARD NORTH SAIL PACK. 5 Sails. Grand Prix 6.3 oz. Dacron main. 3.5 oz.

Norlam Mylar No.1 Genoa. 6.5oz. Dacron Solent Blade Genoa. Storm jib.

0.75 oz. Tri-radial Spinnaker. Discounted Pack Price £1963.50 ex VAT

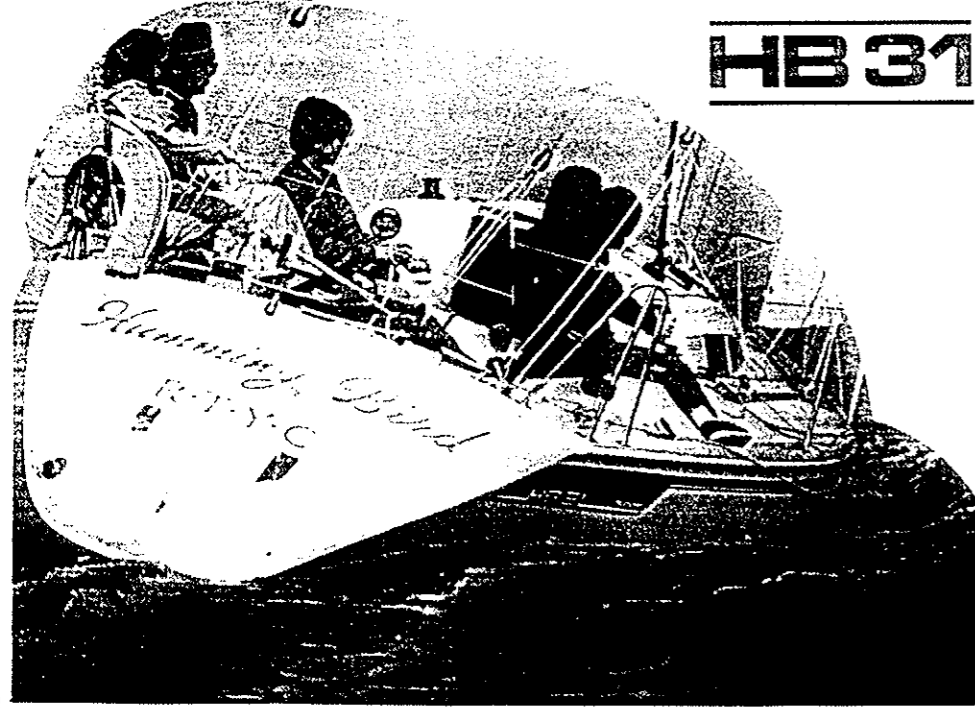
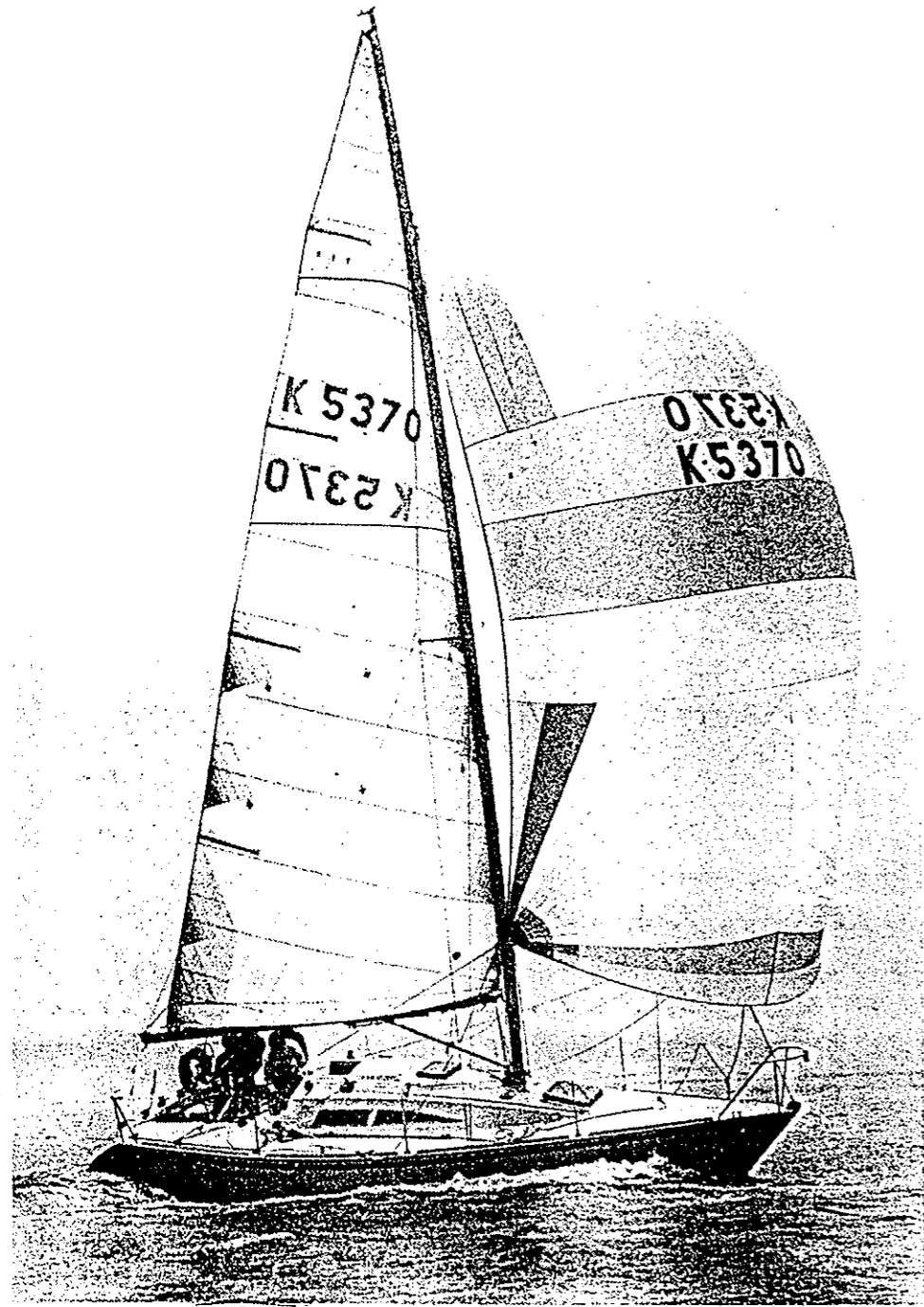
ADDITIONAL NORTH SAIL PACK. 4 Sails. 2.3 Oz. Norlam Mylar Light No.1 Genoa

1.5 oz. Heavy Tri.spinnaker. 6.5 oz No.2 Genoa. 7.0oz Working Jib

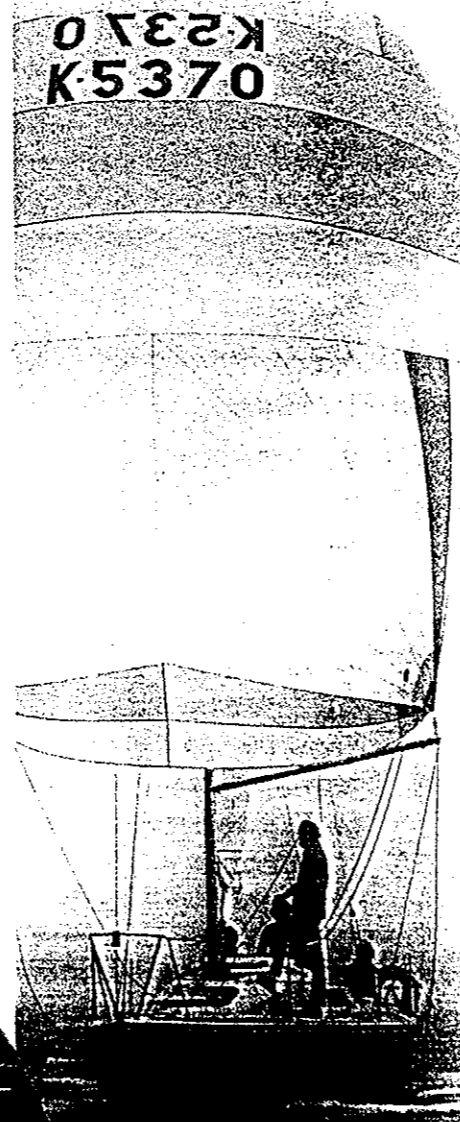
Discounted Pack Price £1463.50 ex VAT

HUNTER

HUNTER HB 31. IN KIT FORM. FOR HOME OR YARD COMPLETION.



HB 31



HULL/DECK/KEEL UNIT. Hull and deck bonded together. All internal structural members bonded in including bulkheads, saloon & quarter berths, heads compt., stringers, ring frames, keel floors, backing pads & reinforcements. Bulkheads and saloon bunk structures are TEAK faced. Hatches for bow well, main hatch and cockpit lockers included. Lead keel fitted.

ALL PRICES
EX. V.A.T.
EX. WORKS.

C/R R/S

RUDDER/TILLER. Rudder tube and bearings fitted. Rudder blade ready for installation. Tiller, tiller head fittings and tiller extension supplied.

DECK FITTINGS PACK. All deck fittings, turning blocks, tracks, cars, cleats, clutches, rails etc. as described in complete boat specification. FASTENINGS included.

WINCHES PACK. Lewmar winches & fastenings. As in complete boat specification.

SPARS AND RIG PACK. Mast, boom, spinn.pole, kicker, rigging, sheets, lines, blocks, rigging screws as in complete spec.

ENGINE PACK. Engine type as shown in complete boat spec. Engine fitted on beds, P bracket fitted, shaft & stern tube fitted. Controls, tank, fuel system, exhaust system all supplied loose for owner to fit.

ELECTRICS PACK. Batteries, cables, lights, panels, switches, and navigation lights as in complete boat specification

GALLEY PACK. Cooker, pipes, connectors, sink, pump, 55 litre stainless steel water tank, pipes, deck filler etc. all as in complete boat specification.

TOILET PACK. Marine toilet, Elanco flush sealing cocks, hose, clips etc. as in complete boat specification.

UPHOLSTERY PACK. Full set of mattresses as on complete boat specification.

LINING PACK. Set of lining materials and adhesives to line all areas as on complete boat specification.

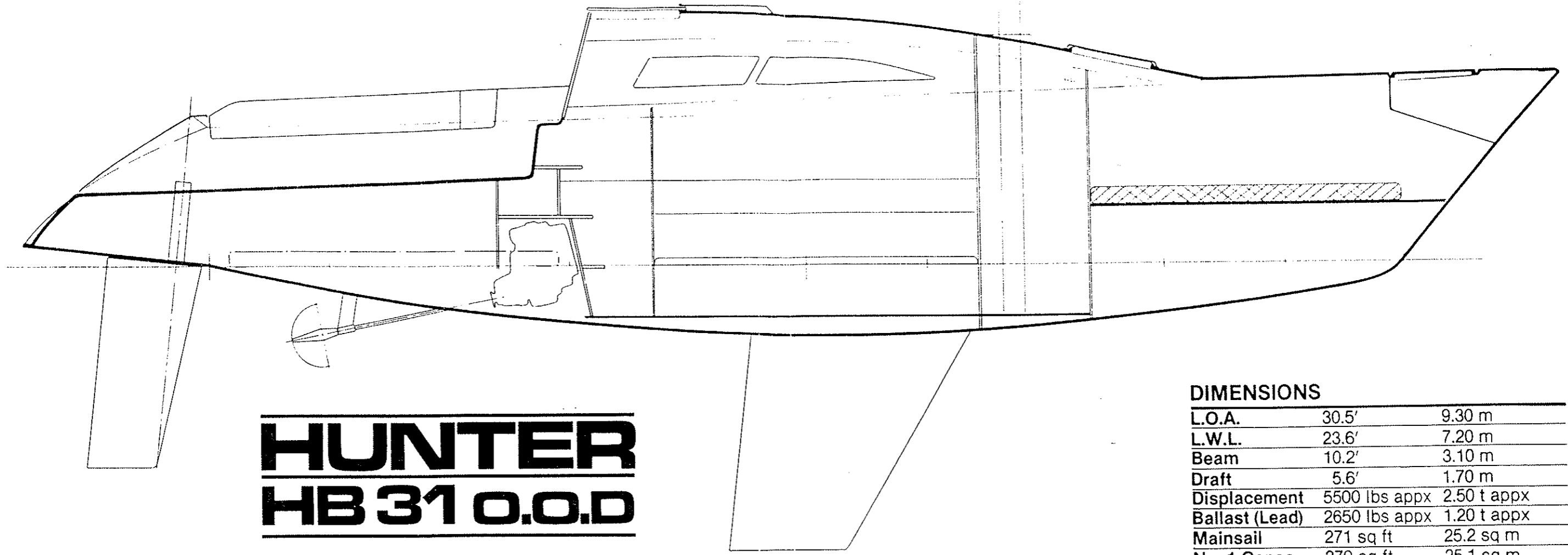
PLYWOOD PACK. Wood for lining panels, saloon sole, forepeak berth tops, engine box, chart table etc. (Items such as galley unit, chart table, saloon table are also available as extras as ready made furniture units.)

TEAK EDGE TRIM PACK. Teak trim (machined) for bunk edges, bulkhead trim etc. inc. curved radius pieces.

There is a more detailed list available of all the above packs showing each individual part. If you require a copy of this list for more comprehensive evaluation of a kit boat project, please just ask.

ACCESSORIES AVAILABLE FOR KIT OR COMPLETE BOATS. Factory Fitted prices

- Stow Navigator digital speed/log
- Additional windspeed unit
- 2coats Awlgrip Epoxy & antifouling
- Wheeled storage/transport cradle
- Husun Radio Telephone.



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DIMENSIONS

L.O.A.	30.5'	9.30 m
L.W.L.	23.6'	7.20 m
Beam	10.2'	3.10 m
Draft	5.6'	1.70 m
Displacement	5500 lbs appx	2.50 t appx
Ballast (Lead)	2650 lbs appx	1.20 t appx
Mainsail	271 sq ft	25.2 sq m
No. 1 Genoa	270 sq ft	25.1 sq m
Berths	7	
Rating	21.7 appx	

