

**NEWBRIDGE
BOATS LTD.**



COROMANDEL

THE NEWBRIDGE COROMANDEL



winchies etc. means the cockpit can be wider and deeper and the less precise sheeting requirements allow us to do away with the inconvenience of a main-sheet track and traveller. Down below she has berths enough for four (one in a hammock), a neat galley, and a surprisingly roomy separate toilet compartment. The large cockpit includes an outboard well and ample locker room. The Coromandel's sea-kindly lines smooth out unkindly sea conditions and the high cockpit coamings offer a high degree of protection to the helmsman and crew. The Coromandel is purpose built to reduce the risks and increase the pleasure of your sailing time.

CONSTRUCTION

The Coromandel is built of tough, high specification, Lloyds approved GRP. Moulded in our own workshops to the highest standards, using balsa sandwich construction in the deck with hardwood and ply stiffeners as necessary, particular attention being taken to provide deck and hull stiffening in way of the mast. The hull construction incorporates a sandwich of chopped strand mat and woven roving for strength and rigidity. The hull and deck are bonded and rivetted together, guaranteeing a watertight and structural seal at the deck edge. The interior moulding is precision engineered for added strength and fine detailing.

Two keel options are available. Both the fixed fin and bilge keel versions employ high density iron castings, encapsulated in the GRP moulded keels which are part of the reinforced hull. The bilge keels are of asymmetrical aerofoil design to maximise windward performance. The mast is of circular section anodised aluminium, immensely strong and held rigid by the cabin roof and firmly anchored to the keelson. All fittings are of the highest Newbridge standard with fine attention to detail such as the selected varnished marine grade hardwoods.

Not only are almost all the major components used in building the Coromandel made by Newbridge, the whole yacht is assembled by Newbridge with the backing of 30 years of experience; the proven methods of manufacture having recently been checked and improved on by the Cranfield Institute of Technology who also helped introduce a detailed Quality Control System including over 200 detailed checks on each boat plus a test tank "anti leak" procedure on every yacht.

AUXILIARY POWER

The Coromandel can be fitted easily with an inboard engine but for those who require an outboard for reasons of cost or ease of servicing the Coromandel has a lockable easily accessible vented outboard well in the starboard quarter, designed to take a 3 to 9 HP short shaft outboard motor. It enables the outboard engine effectively to become an inboard, easy to access, and never having to be removed for sailing.

INTRODUCTION

"All in all this is a neat, compact boat whose finish charms the eye."

Practical Boat

Owner enjoyed the good looks and performance of our Chinese rigged Coromandel.

The Coromandel has been designed using the hull of the world famous Coribee with a freshly styled cabin top in sympathy with the safety and comfort of sailing with the Chinese rig.

DESIGN

"A spacious and efficient 21 footer well built and economically priced." **Yachting Monthly.**

On a hull designed by Robert Tucker (the Coribee) the Newbridge design team developed the Coromandel as the first production yacht to be designed specifically for the Chinese rig. Sailing Chinese reduces foredeck work to mooring and anchoring so that the foredeck and side decks can be reduced in size, increasing cabin space; the absence of jib sheets,



"Newbridge design attends to detail. At Newbridge we know it is not only important to get the overall design right, attention to detail is just as important. For example:-"

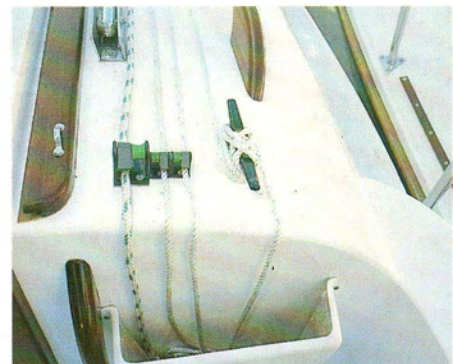
INTERIORS



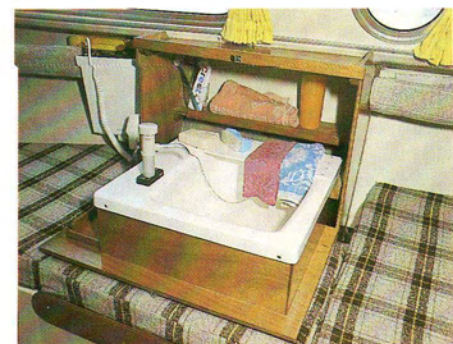
The outboard engine in its outboard well - "the inboard outboard".



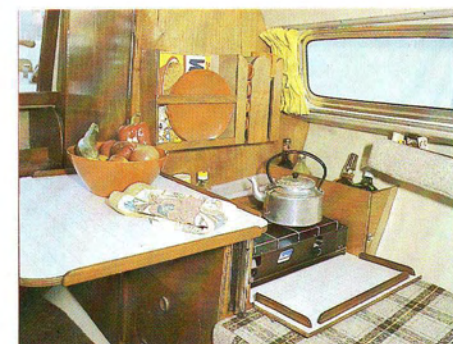
The large self draining anchor locker easily stows anchor and chain.



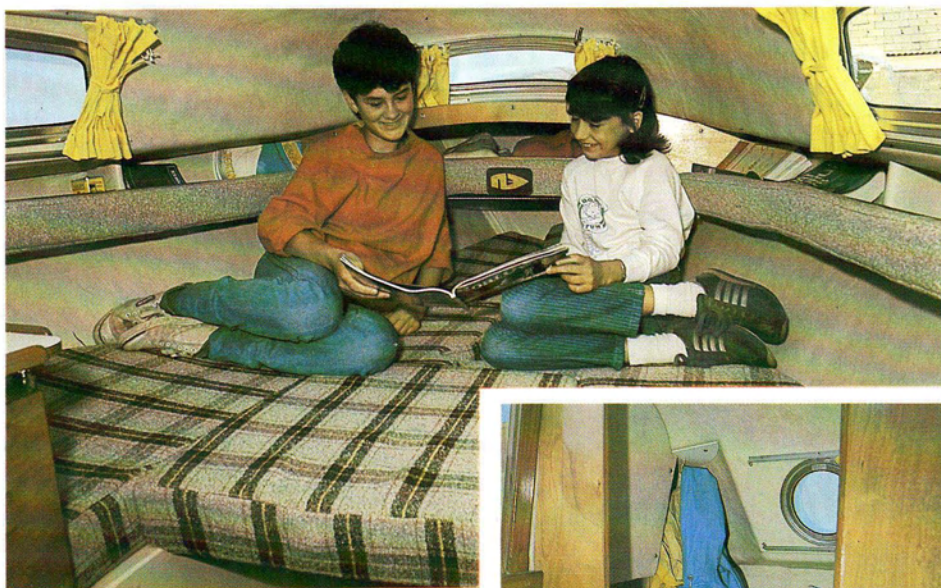
All control lines run aft to cockpit.



Fold down sink in use, folds away for stowage



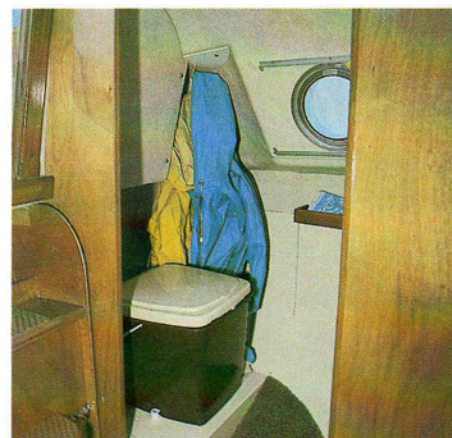
Galley in its open position, swivel table will swivel through 270° to table position, (held by pin).



Forward double berth made up (cushion stows under forward shelf).



Optional 4th (hammock) berth in use.



Separate toilet compartment (sea toilet optional) also showing wet hanging locker.

ACCOMMODATION

"The Coromandel offers facilities which would be the envy of almost any other boat of her length." **Yachting Monthly.**

The Coromandel is essentially a spacious three berth cruiser but with the ingenious addition of a good traditional hammock, she provides a great deal of fun and comfort for a crew or family of four. Access to the cabin is easy through the large sliding hatch and below decks movement is comfortable with the very good headroom of 4ft 9ins. A separate enclosed toilet compartment with built in wet hanging locker is provided and three full length adult berths (2 forward and 1 deep wide quarter berth) ensure comfort at night and plenty of space during the day. The galley, so neatly stowed away when not in use,

houses a cooker, plenty of stowage space and a splendid swing round, multi function table. There is even a fold away sink, hidden when not in use, but deep and practical draining away to sea when in use. In all with plenty of safe windows and a large glass forehatch the cabin is light, airy and very snug. There is lots of dry storage under bunks, on shelves and in cave lockers, and there is even a dry hanging locker on the starboard side to complement the wet locker in the heads. The interior decor planning has been carried out by a Design Council appointed designer to ensure the highest standards of comfort both visually and practically.

The bilge keel Coromandel, mounted on the special cradle and breakback trailer for easy towing, launching and recovery.



Looking for'ard with fold down sink, stowed away, galley top covering cooker. Toilet compartment port side, centre infill cushion stowed under for'ard shelf.



Looking aft, sink in stowed position starboard side, swivel table in stowed position over cooker. Also shown optional dry hanging locker and 4th (hammock) berth fixing.



PERFORMANCE

"The Coromandel will provide its owners with adventure, family enjoyment and off-shore cruising safety, superbly matched to the ease of handling of the Chinese rig in a superlative manner not attained by any other small yacht".

The Coromandel's wonderfully efficient Chinese rig ensures ease of handling and a good turn of speed with less mast loading and consequently less crew tension which adds up to a more comfortable and generally faster passage, with much less heeling. The Chinese rig is faster off the wind and on a reach than the Bermudan rig - into the wind it is about the same or perhaps not quite so close winded. However, the difference is so small as to be of no importance to the cruising man, particularly since the many other advantages of the Chinese rig more than compensate. The rig is simple to handle with just two basic control lines.

All the sailing is done from the cockpit and since the boat heels only very slightly life aboard is more comfortable. The whole business of sail handling can be forgotten, reefing is no longer a chore and a worry; with the Chinese rig it takes literally seconds and can be done sitting

down in the cockpit, whilst tacking and gybing merely involve putting the helm over. The Coromandel has the necessary classic fine bow entry and profile with positive sheer to ensure that she is capable of taking any weather and sea whilst remaining safe, predictable and easy to handle.

Her long keel configuration in either bilge or fin keel form gives her directional stability and her skeg supported rudder assists with this whilst greatly strengthening the whole rudder assembly. The Coromandel has a high ballast ratio to provide great inherent stability. Although with the Chinese rig deck work is greatly reduced, her fore deck and side deckings are generously supplied with non slip surfaces. The anchor and chain has its own self draining locker in the bows.

CONCLUSION

The Chinese rig is now a familiar sight around our coasts, much loved by cruising families for its easy, relaxed characteristics. The Coromandel is designed to make the most of your sailing and leisure time.

"I was overwhelmed by the Coromandel. You have got it just right, many thanks for a charming boat."



CUSTOMER “QUOTES

"With many sea miles behind us and many trips to Scilly Isles, Channel Islands and France, we have to tell you how delighted we are with our Coromandel and how greatly we are enjoying her"

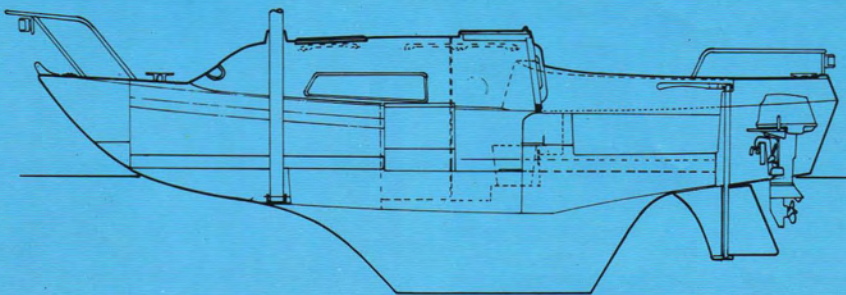
"Newbridge fully justifies its good name for service. You will be pleased to know that you have yet another very satisfied customer"

These and many other satisfied Coromandel owners prove that Coromandel sailing is an experience of a lifetime for maximum yachting pleasure and enjoyment.



COROMANDEL SPECIFICATION

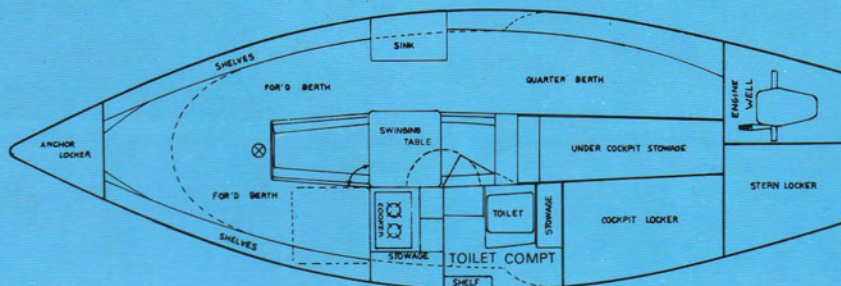
CENTRE LINE SECTION



MAIN DIMENSIONS

Length overall	20ft. 9in. (6.05m)
Waterline	16ft. 3in. (4.74m)
Maximum beam	7ft 2in. (2.09m)
Draft (fin)	3ft. 0in. (0.87m)
Draft (bilge)	2ft. 2in. (0.63m)
Displacement laden	2,000 lbs (908 kg)
Cabin headroom	4ft. 9in. (1.447m)
Engine	Outboard up to 7.5 hp in well Inboard up to 12 hp
Sail Area	196 sq. ft. (18.3m ²)
Ballast	
Fin	870 lbs. (395 kg.)
Bilge	419 lbs. (190 kg.) in each keel
Ballast Ratio	43.5% Fin 42% Bilge

INTERIOR LAYOUT



SPECIFICATION (Basic Completed)

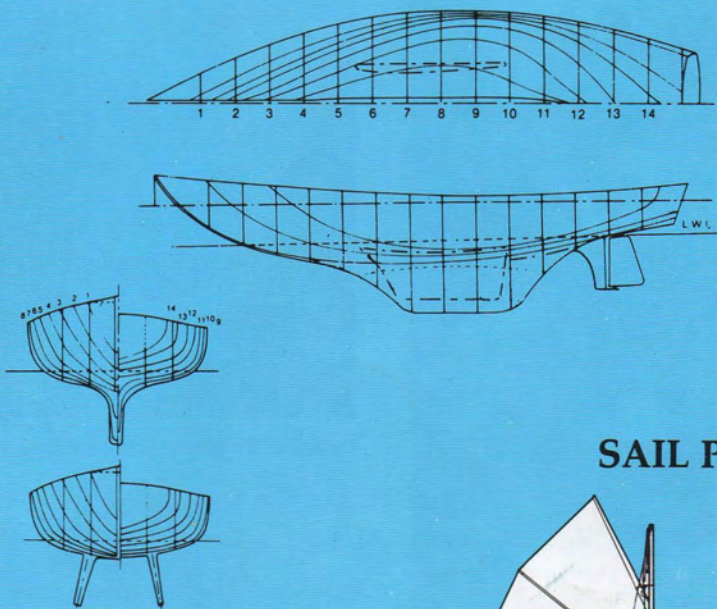
Hull and deck	Moulded in GRP in Lloyds approved factory.
Deck Lay Up	2250g/m ² CSM + wood/Balsa wood and foam reinforcing in part.
Hull Lay Up	3150g/m ² CSM + 810g/m ² roving reinforcing in part.
Ballast Keel	Cast iron 870 lb (395kg) in fin keel. Bilge keel 419lb (190kg) in each keel.
Mast	Circular section anodised alloy.
Running Rigging	Three strand and plaited synthetic.
Fittings	Halliard lance cleat, yard hauling parrel and running luff parrel lance cleats. Two forward lift cleats. Halliard box. Boom support. Mainsheet bollard, two aft deck cleats. Alloy mooring cleat on foredeck, anchor well. Fairleads. Bow roller and plate, engine well.
Exterior Timber	Selected varnished marine grade hardwoods.
Interior Timber	Hardwood cappings and marine grade plywood to BS1088 or similar. All varnished.
Standard Colours	Hull - Red, Yellow, Oxford Blue, Sapphire Blue, Brown, Green, White, Deck Cream, White, Grey.
Newbridge Boats Limited	Reserve the right to alter the standard specification without notice to that of equivalent specification.

STRONG CONSTRUCTION

'COROMANDEL' is built of tough G.R.P. to 'SBBNF' 'Lloyds' and T.C.O.M.I.A.' standards and in order to ensure a safe strong boat we mould all the GRP ourselves and fit all the high quality fittings in our own factory making the stainless steel, wood, rigging, trimming etc. parts ourselves to ensure quality and value. The hull and deck are both riveted and bonded together for extra strength and throughout only top quality marine grade materials are used.

BUILT IN BUOYANCY AVAILABLE IF REQUIRED.

LINE DRAWINGS



SAIL PLAN



AVAILABLE IN KIT FORM IN OUR 'KITCRAFT' PACKAGES

DETAILED SPECIFICATION ON SEPARATE SHEET

N.B. Bilge Keels are now of modern assymetric aerofoil design to maximise windward performance.



Newbridge Boats Ltd., Church St., Bridport, Dorset DT6 3PP Tel: Bridport (0308) 23765

NOTE MAIN DESIGN FEATURES.

HIGH BALLAST RATIO for STABILITY
SKEG SUPPORTED RUDDER for STRENGTH
LONG KEEL for DIRECTIONAL STABILITY
FINE BOW ENTRY/PROFILE for SEAWORTHINESS



Navigator 2 LOA 19' Corribee III LOA 20' 9" Venturer LOA 22' Virgo Voyager LOA 23'

C O R O M A N D E L

SPECIAL VALUE - SPRING 1985

CRUISING SPECIFICATION COROMANDEL

Keels to your choice

Colours to your choice

WITH "MODERN HI-POWER" CHINESE RIG

Including:-

Luxury Vinyl Lining	Pulpit
Cushions	Pushpit
Water Tank and Pump	Stanchions and guardrails
Toilet (Elsan)	Navigation Lights
Alcohol Cooker	Illuminated Compass
Interior Lights	

**** FOR ONLY £7,930 INCLUDING VAT ****

SAVING

£421

REMEMBER THE SPECIFICATION CAN BE MODIFIED TO SUIT PRECISELY
YOUR NEEDS - THE BOAT IS NOT BUILT YET

IN ADDITION AVAILABLE WITH THIS BOAT MANY EXTRAS AT 5%
DISCOUNT

..... AND SPECIFICALLY FOR AN ORDER BEFORE 26TH MARCH:

A MARINER 4 S/S OUTBOARD ENGINE FOR ONLY £202 INC. VAT £88

AND/OR AN ECHO SOUNDER & SPEED LOG FITTED FOR ONLY £149 INC. VAT £48

AND/OR A 4 PERSON RANGER 275 INFLATABLE DINGHY WITH OARS
FOR ONLY £150 INC. VAT £300

P.S. IF YOU ONLY WANT A KIT, WE CAN BUILD YOU ONE IN THIS PRODUCTION
SPACE IN BASIC KIT ONE FORM FOR ONLY £3,274 INC. VAT £172