1981

COLES MORTON MARINE LIMITED



Traditional Narrow Boats in steel

Choosing a boatbuilder...

Buying a narrowboat is a major investment and the choice of builder the most important decision.

As a company who not only build boats but operate our own hire fleet we have experience in all aspects of canal boating and understand the needs of fleet operators and private buyers alike.

We are a company small enough to share your enthusiasm and to care about every detail, even if you choose to fit out the boat yourself, yet big enough to build for the largest fleet operators.

Our standards are one of the few things we are inflexible about. We refuse to build down to a price or to build a boat we we know would be unsatisfactory in use.



Design & Consultation

We have designed boats for our own fleet and for our customers at various lengths between 30ft and 70ft.

Illustrated in this brochure are really practical layouts that can be combined with your choice of bow and stern.

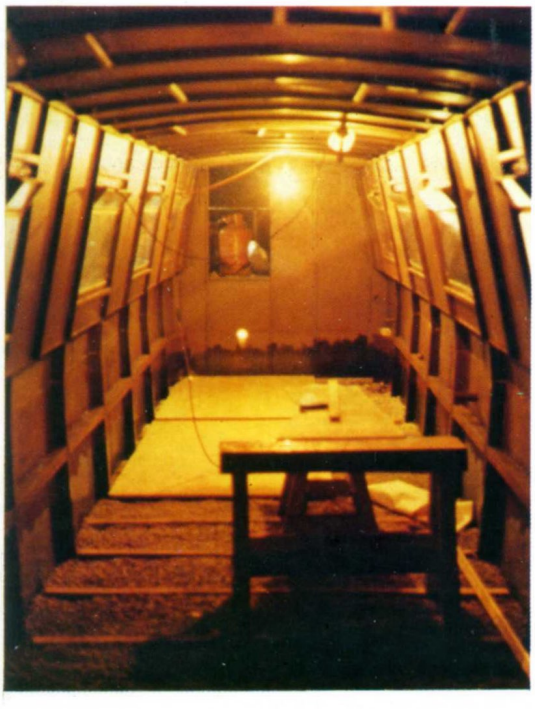
However, you will be welcome beside the drawing board where our designer will sketch out your own ideas or discuss your own design layouts. In any design the right combination of elegant line and strength can be achieved.



Craftsmanship in construction

We are privileged to have a team of enthusiastic experienced craftsmen, specialists in their own field; welders, cabinet makers, coach painters, etc. They take a genuine pride in each new boat they build. Our standards ensure a rugged, sturdy yet elegant boat carefully engineered and well sound-proofed. Hulls are constructed from 3/16", 1/4" or 3/8" mild steel with super-structures in either steel or timber. Photographs do not do justice to the quality finish of our boats – visit us and see for yourself.







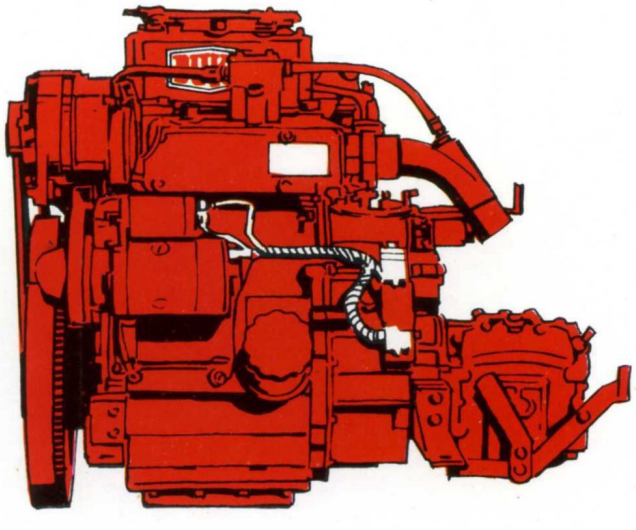


Power Unit & Transmission

The choice of engine with the right power is a major factor in the reliable and quiet operation of a boat.

The surprising smoothness of a Coles Morton Marine narrow boat is due to the combination of a water jacketed engine and patented modern methods of limiting vibration and noise.

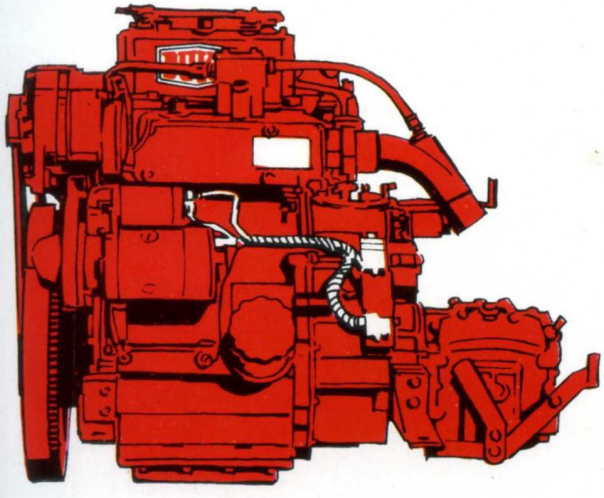
We will fit any of the leading manufacturer's units but our experience has led us to install BUKH, (pronounced book) diesel engines as standard. These Danish engines were developed solely for marine use and include an advanced system of rotating counter-weights that elimimate engine vibration. We will be pleased to send further information about BUKH ENGINES:











An invitation to visit our workshops

Our fine canal building in its beautiful setting with its small gallery of museum pieces from the days of canal trade are worthy of a visit even without the boats!

But a visit to Whaley Bridge will let you get the feel of our boats and judge our craftsmanship for yourself. We are always delighted to show people round and to discuss the details of boat building.

We are easy to get to, by the side of the A6, South of Stockport, and although callers are always welcome, by using the Freepost coupon below, time can be allotted especially for your visit. Any reasonable travelling expenses are deductable from the cost of your boat.

Enclose this coupon in an envelope and address to:

COLES MORTON MARINE LTD.,
FREE POST
WHALEY BRIDGE STOCKPORT
CHESHIRE SK12 7YA

NO STAMP NEEDED

I should like to visit your boatyard on the:

date ..... time ....

Please send me further information on:—

BUKH Engines .....

Other details .....

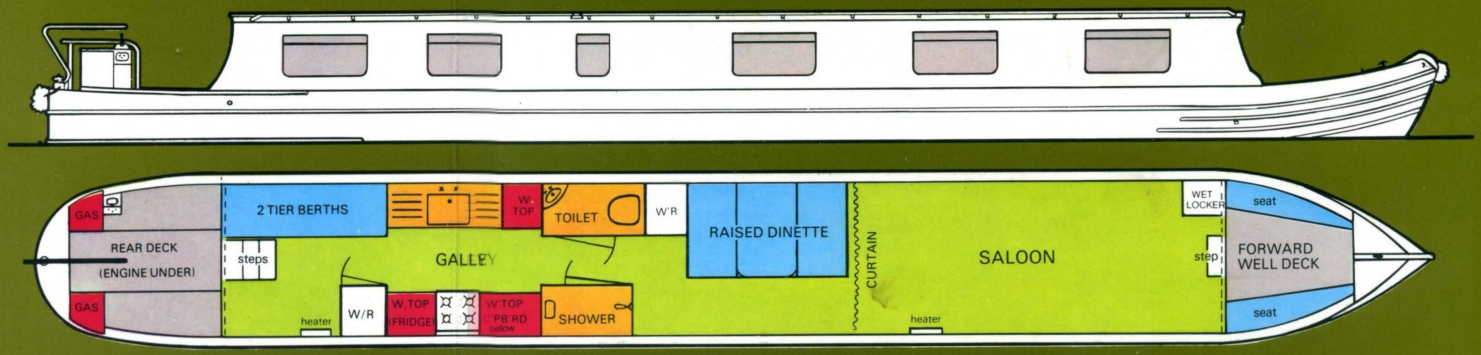
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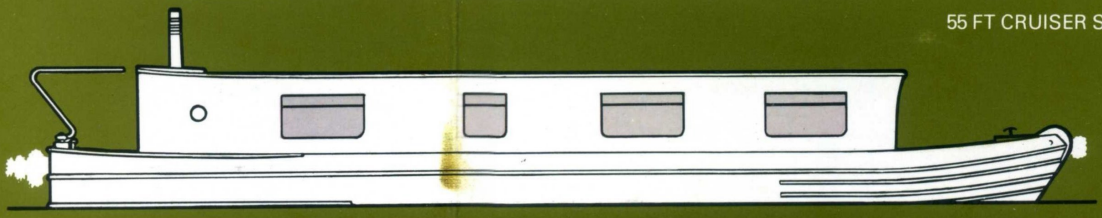
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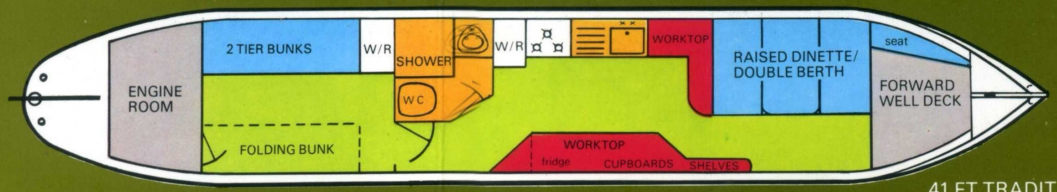
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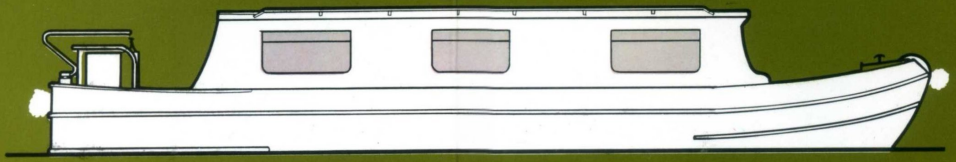


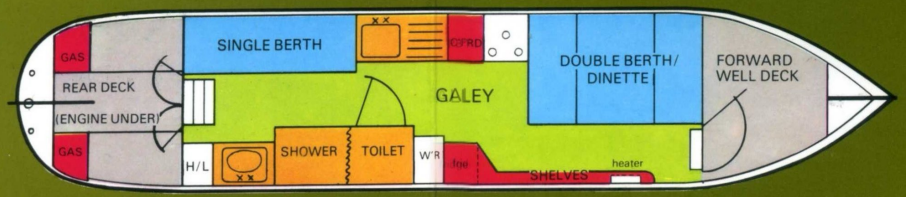
55 FT CRUISER STYLE NARROWBOAT (40 FT CABIN)





41 FT TRADITIONAL STYLE 5 BERTH NARROWBOAT





32 FT 3 BERTH CRUISER

CUSTOM BUILDING
We are delighted to quote for single boats or whole fleets. We have facilities to build specialized types of craft including restaurant boats, wide beam craft and sea going steel motor yachts.
So if you are 'broad minded' don't hesitate to contact us.

Shown above are **sample layouts only.** The interior design of all boats is tailor-made to each customer's own requirements. The elevations show different bows and sterns. Any length of boat can be fitted with **your** choice of bow and stern.

COLES MORTON MARINE LIMITED

Canal Wharf, Canal Street
Whaley Bridge, Stockport
Cheshire SK12 7LS
Tel: Whaley Bridge (066 33) 2226

Designed by Total Concept Design (U.K.) Ltd. Printed in England

1981

STANDARD SPECIFICATION

STAGE 1 - HULL AND SUPERSTRUCTURE

Traditionally styled hull with choice of :-

a) Cruiser style superstructure with large open stern deck over engine area and elliptical counter stern.
b) Traditionally styled superstructure with short stern deck and elliptical counter stern, full inner steel bulkhead between engine room and cabin.

Both designs incorporate forward well decks and all deck areas are self draining overboard. Standard gunwale width 4". Swims are designed for maximum economy and minimum wash.

SPECIFICATION - All details comply fully with BWB regulations

¾" or 6mm bottom) Heavier construction
3/16" or 5mm sides up to 49ft. (¼ or 6mm on 50 ft. and over)) available.
1/8" or 3mm superstructure.
¾" wide 'wear edge' protects bottom/side welded seam from erosion.
3" angle stiffening members across bottom at 2 ft. centres and 2½" angle at 4 ft. centres on hull sides.
Solid 2" x 2" forged stem bar.
1" hollow square section superstructure framing at 2 ft. centres.
All door and window apertures cut and framed with 1" hollow square section, positioned as required, with angle framed hatch opening over rear cabin doorway.
Stern guard rails on cruiser style boat.
Cabin top handrails in 1" hollow square section.
Quick release weedhatch.
Rudder and tiller.
Forestud and stern dollies.
Bow and stern fender eyes.
2" x ½" half round rubbing strakes.
Integral bow water tank with inspection hatch, filler and breather.
Integral stern diesel tank with filler, take-offs and ventilator.
Integral engine cooling water tank with filler and take-offs.
Integral self draining hose and gas locker in bow, access through hinged deck lid.
Substantial engine bearers to suit desired engine installation, fully gussetted and braced to the hull for maximum rigidity.
Bilge pump sump in engine area.
Mounting plates for sterntube.
Waste connections welded in, positions as required.
Finished inside and out (except for interior of diesel, water tank and areas. painted with Bitumen) in zinc chromate primer.
Hull exterior painted with 2 coats of bitumen to topstrake.
Hull interior painted with bitumen up to waterline level.

OPTIONAL EXTRAS - (Prices on application).

Additional steel bulkhead for engine room on traditional style if boatmans cabin required.
Brass tiller handle with wooden end, brass tiller pin.
Wooden handrails instead of steel.
Side doors/hatches.
Cratch upstand.
Cant pieces in steel or hardwood.
Bottom plates up to ½" thick.
Main side plates up to 3/8" thick.
Sacraficial zinc or magnesium anodes.
Sterntube supplied and fitted.

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STANDARD SPECIFICATION - STAGE 2 - ENGINE INSTALLATION

BUKH DV10/DV20/DV36 marine diesal engine incorporating patented anti-vibration system. Mounted flexibly on sturdy bearers designed to further minimise noise and vibration. Water cooled by large keel tank for minimum maintenance (direct cooling/water cooled exhaust available optionally at small additional cost).

Transmission/Sterngear

ZF marine reverse/reduction gear box.
Flexible shaft coupling.
Stainless steel propellor shaft (1 1/4" dia for DV10/20, 1 1/2"dia for DV36).
Gunmetal sterntube with replacable 'cutless' type polyurethane outboard bearing.
Remote sterntube greaser.
Manganese-bronze, 3 blade turbine propellor.
Standard propellor sizes: DV10 14" dia x 11" pitch
DV20 16" dia x 13" pitch
DV36 19" dia x 12" pitch

Electrics

Key operated starter and solenoid stop control.
420 Watt alternator. Twin 12 Volt battery system charged via relay (or blocking diode) which separates the engine starting and domestic circuits when the engine is not running.
Standard battery sizes: DV10 2 x 70AH Heavy duty commercial
DV20 2 x 90AH " " "
DV36 2 x 125AH " " "

Instrumentation Controls

'Morse' single lever controls.
Key operated start and stop.
Warning lights and audible alarm backup for failure of charging system, low oil pressure or coolant over temperature.
Optional deluxe panel (standard for DV36) incorporating tachometer, oil pressure and coolant temperature gauge.

Silencing

Compartment sound insulation using 'Barafoam' and 'Barasond' flame retardant foam with water/oil proof surface finish.
Dry exhaust system, all screwed BSP connections using British standard marine diesel silencer and special exhaust pipe comprising flexible stainless steel convoluted bellows, covered with stainless steel braided wire. Offers permanent flexibility for extended life.

Note 1

Where alternative engines of other manufacture are offered, the general specification would be similar to above, within the recommendation of the manufacturer.

Note 2

A slightly cheaper 'budget' installation (saving 5%) is available which differs only in the following respects:-

1. Single battery system
2. No compartment silencing
3. Cup greaser for sterntube instead of remote unit.

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STANDARD SPECIFICATION - STAGE 3 - LINING OUT

Wooden floorbearers treated with fungicide/preserver prior to fitting.
Ballast using compressed concrete flags with limestone chip infill where necessary.
Flooring in 18 mm WBP ply (superior to shuttering ply).
Thermal insulation to hull sides, cabin sides, and bulkheads and roof using flame retardant polystyrene (2" thick on hull sides, 1" thick on cabin).
Hull side lining in 12 mm WBP mahogany type ply, secured on pine battens.
Cabin side and end lining in 'SAYU' (or similar) knotty pine veneered ply, secured on pine battens.
Roof lining of white faced hardboard, secured on pine battens.
Aluminium framed windows with drop-back vent. Mill finished frame incorporates internal condensation channel with integral drains to overboard.
Clear or obscure standard glass. Frames set in mastic bed and secured to hull with aluminium rivets.
Internal window framing with hardboard cappings.
Cabin end doorways framed in hardwood.
Cabin end doors and rear hatch cover of 18 mm WBP mahogany type ply.
Hatch slide runners faced with hardwood.
All interior ply and hardwood surfaces treated with sealer/polish and finished in gloss Yacht varnish, flatting between coats.
Exterior wooden surfaces finished wood primer.
All interior and exterior fixings (screws, pins, bolts, hinges etc) are brass or copper, except for self tapping screws into steelwork which are bright zinc-plated steel.

Notes

1. Lining out does not extend into engine room on traditional style boats. This will be painted only.

2. Planked pine tongue and groove boarding can be fitted to cabin sides and end bulkheads instead of 'SAYU' wallboard at extra cost: 15% to basic Stage 3 price.

3. Toughened glass windows in etch-anodised frames can be supplied instead of standard windows - add £5.00 per window.

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'INTREPID' CLASS NARROWBOAT - Price List

July 1981

			31' £	38' £	46' £
	PACKAGE A	: Hull/superstructure	2,100	2,450	2,850
	PACKAGE B	: BUKH DV10 engine install.	1,995	1,995	N/A
or	PACKAGE C	: BUKH DV20 " "	N/A	2,395	2,395
	PACKAGE D	: Windows, doors, ballast etc.	440	575	725
	PACKAGE E	: Lining out	580	785	985
	PACKAGE F	: Fitting out	1,860	2,485	3,040

2850
2395
725
985
~~8585~~
7585
758·5
379·25
8722·75

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OPTIONAL EXTRAS

		£
1.	2nd gas cylinder and gas	23.00
2.	Catalytic heaters, including fittings, from (each)	80.00
3.	Central heating from	550.00
4.	1 cu. ft. refrigerator	100.00
5.	2 cu. ft. "	123.00
6.	Washbasin and taps from	65.00
7.	Vanity unit from	95.00
8.	'SHURFLO' automatic water pressure system, 100 gall. capacity, instead of 'AQUAFLOW'	95.00
9.	Complete shower system	135.00
10.	Elsan 'BRISTOL' portable toilet	23.00
11.	Portapotti 45 flushing portable toilet	45.00
12.	Mansfield 'Traveler' pumpout toilet	270.00
13.	Fire extinguishers (each)	10.00
14.	2nd 90 AH battery/split charging system	80.00
15.	TV power point	15.00
16.	Shaver point from	20.00
17.	Special painting, coachlining, signwriting etc.	P.O.A.
18.	Additional hammock berths (each)	25.00

Prices are ex-works, subject to VAT and may fluctuate without notice.

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'INTREPID' CLASS NARROWBOAT - SPECIFICATION

PACKAGE A : All steel hull & superstructure, available in 3 fixed sizes only. Bottom and sides in 5 mm plate. Cabin and bulkheads in 3 mm plate. Window, door and hatch aperatures cut and framed. Angle floor bearers. Ample stiffening. Self draining gas locker in forepeak. Engine bearers. Angle supports for rear deck. Stern gland rail. Cabin top grabrails. Rudder, tiller, weedhatch, mooring dollies.

PACKAGE B : Fully installed BUKH DV10 single cylinder 10 hp diesel, water cooled by swim tank. Reverse/reduction gearbox. Electric start/stop, alternator, control panel. 90 AH heavy duty battery. Flexible engine mountings. Single lever control. Bronze propeller, sterntube with automatic lubricator, stainless steel propshaft (not available on 46 ft. boat).

PACKAGE C : Fully installed BUKH DV20 twin cylinder 20 hp diesel, otherwise as Package B (not available on 31ft. boat).

PACKAGE D : Aluminium-framed windows, cabin and doors, rear hatch all fitted. Ballasted.

PACKAGE E : Lining out. WBP ply flooring. Cabin insulation in 1" flame retardant polystyrene. Hull side linings in 15 mm textured vinyl coated chipboard. Upper side linings in 4 mm ply, with hessian textured vinyl covering. Pine framing to windows.

PACKAGE F : Fitting out to layout drawings (shower, toilet unit, washbasins extra). Units, bulkheads, worktops etc. constructed of 15 mm vinyl-coated chipboard. Exterior painting in one or two colours to purchasers choice. Fenders and mooring lines to bow and stern. Horn, headlight, bilge pump, full cabin lighting. 'Aquaflow' water system to stainless sink unit. Hot water by Paloma gas heater. Water capacity 20 gallons. 2 burner cooker with grill and oven. 15 kg. Calor Butane cylinder and gas system. Curtains. Floor covering in vinyl or carpet. 4" foam bunk/seat cushions, moquette covered. Wiring system with individual fused circuits (battery included in engine installation). Cabin ventilation.

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COLES MORTON MARINE LIMITED

'VALIANT' CLASS NARROWBOAT PRICE LIST - JULY 1981

Hull length	Standard cabin length	STAGE 1 Hull & Supertr. £	STAGE 2 Recommended BUKH engine installation with twin battery system etc. £		STAGE 3 Lining out to our std. spec. incl. floors, insul. doors, windows £	SUB TOTAL £	FULLY FITTED CRAFT, dependant on type of equipment req'd. and standard of finish. Price/ft.length £
30 ft.	17 ft.	3,080	2,190	DV10	1,265	6,535	300
35 ft.	22 ft.	3,380	2,190	DV10	1,490	7,060	295
40 ft.	26 ft.	3,680	2,640		1,670	7,990	295
45 ft.	31 ft.	3,980	2,640	DV20	1,895	8,515	290
50 ft.	36 ft.	4,530	2,640	DV20	2,120	9,290	285
55 ft.	40 ft.	4,855	2,640		2,300	9,795	280
60 ft.	44 ft.	5,180	3,490		2,480	11,150	280
65 ft.	49 ft.	5,505	3,490	DV36	2,705	11,700	275
70 ft.	54 ft.	5,830	3,490	DV36	2,930	12,250	275

For traditional style cabin add £200 to the STAGE 1 price, or £290 if STAGE 2 is required (De-luxe traditional and bespoke specials - POA).

Prices for lengths of hull and superstructure not quoted are available on request.

Hull 50 ft. and above is all ¼" or 6 mm plate as standard (shorter boats built to this specification if required - add £5 per foot overall length.

We can supply engines other than BUKH from approximately £1,800 installed.

Prices above are exclusive of VAT and are subject to change without notice.

COLES MORTON MARINE LTD.,
Canal Street,
Whaley Bridge,
Stockport, Cheshire. Tel. No. Whaley Bridge (066 33) 3411 Telex. 669686 SELLA G CMM