

# Mirror 16



**BELL**

**WOODWORKING COMPANY  
LEICESTER · ENGLAND**

# Mirror 16

## 'THE BOAT THAT IS DIFFERENT'

Different because she was planned for a new generation of yachtsmen. Men who sail for sport rather than relaxation. Men who are serious about racing, but don't want a dinghy that just races. Men who demand a lot of performance from a boat that doesn't cost a lot of money.

The Mirror 16, based on the same stitch and glue method adapted by Barry Bucknell for the famous Mirror Class Dinghy, is so simple to build. Using ordinary household tools, you stitch the plywood panels together - then seal the joints with glass-fibre.

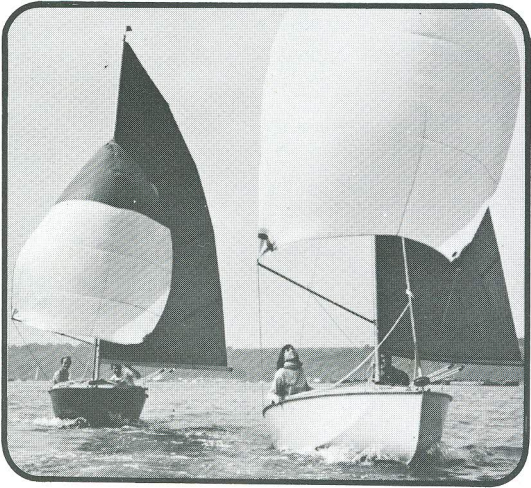
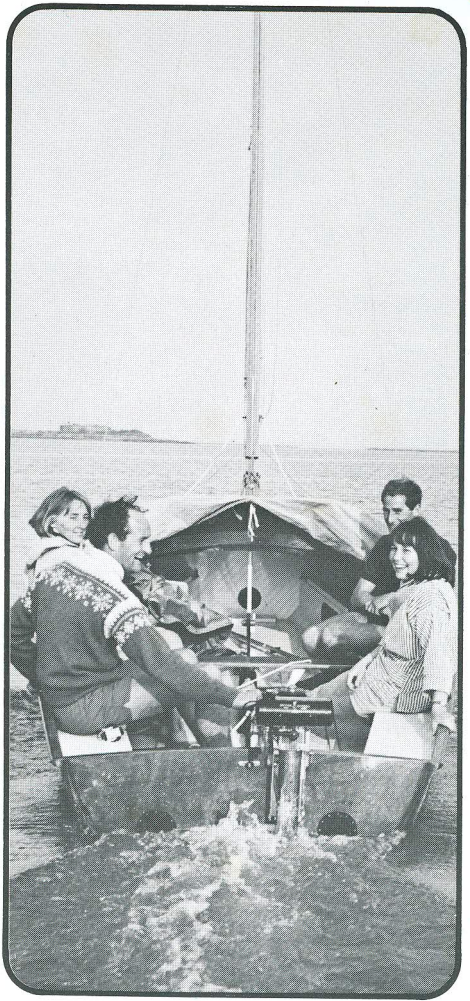
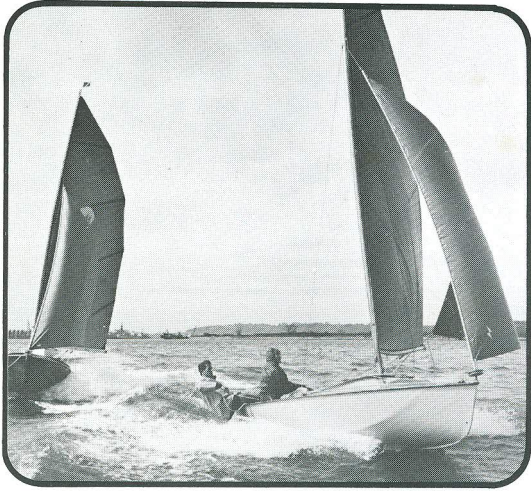
Jack Holt headed the design team which included such experts as Beecher Moore, and between them evolved the Mirror 16 which, although simple to build, can be very fast under full sail, but very stable. It can even, for camping enthusiasts, sleep four persons on the large uncluttered floor space. The cockpit is roomy, enough to accommodate several people while sailing and with the special self-furling gear, the genoa can be reduced from a massive 55 square feet down to the size of a pocket handkerchief within seconds. With her spinnaker up, the boat carries 298 square feet of sail over an all-up weight of only 320 lbs - that is quite a specification for a 16 ft dinghy.

The lightness gives her the speed and sparkle that makes a great racing dinghy class. The Mirror 16 is not a boat for beginners, but she is ideal for a man with some experience who is ready to move on to a real performance dinghy. For all her speed, the '16' is remarkably stable, and safe, there is over 1,000 lbs of buoyancy built into the boat. In forward tanks and under the seats and inside the watertight double floor - and even in the foam filled mast and boom. Because of the raised false floor, any water in the cockpit soon disappears through the transom scuppers and centre-board case.

### **Specification**

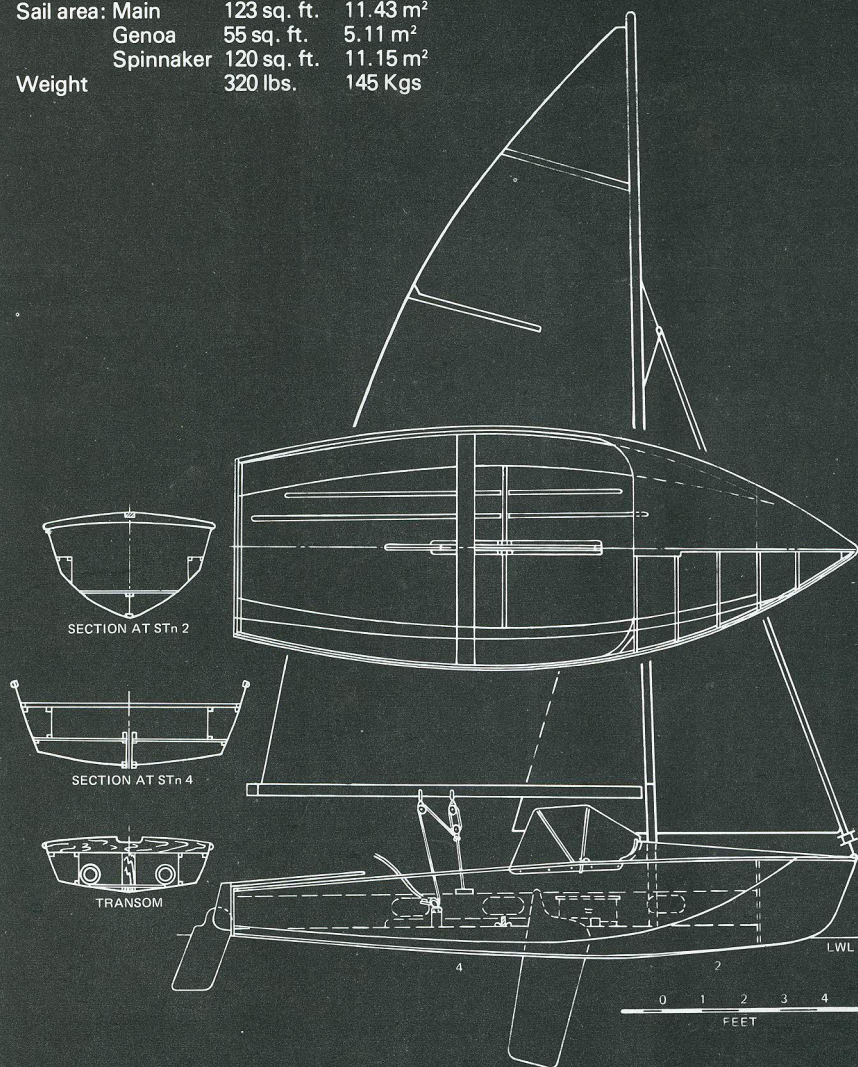
Timber parts machined to a high degree using 5 mm marine plywood, spruce battens with solid mahogany Centreboard and rudder blade. Metal mast, boom and luff spar for Genoa sail. Fittings are mainly in stainless steel and nylon. Centre mainsheet is standard, together with jamb cleats.

Rigging: stainless steel wire and polyester with polypropylene main and genoa sheet. Sails are in viking red terylene. All fastenings, brass screws, nails, glue, resin and tape, are included in the kit of parts. No jigs are necessary for assembling the dinghy. No plans are required, the kit is easily assembled by following the fully detailed and well illustrated building instructions.



### Dimensions

Length overall	16'	4.88 m
Beam	6'	1.83 m
Hull draught	6"	15.24 cm
Sail area: Main	123 sq. ft.	11.43 m <sup>2</sup>
Genoa	55 sq. ft.	5.11 m <sup>2</sup>
Spinnaker	120 sq. ft.	11.15 m <sup>2</sup>
Weight	320 lbs.	145 Kgs



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## MIRROR SIXTEEN DINGHY

## PRICE LIST

JANUARY 1981

The Mirror 16 is supplied in three forms:-

	£
1. Complete kit of parts to build	1150.00
2. Completed Boat, unpainted	1475.00
3. Completed Boat, painted	1850.00

All prices include the standard set of fittings and rigging listed overleaf, alloy mast, boom and luff spar and Mainsail and Genoa.

The items listed and priced below are not included above.

EXTRA ITEMS - not included in above prices:-

PAINT KIT (please state colour when ordering paints)	52.68
BOAT COVERS: 1. Over-all cover, for use with mast and boom	62.00
	up.
2. Tent cover for camping purposes	70.00
TRAILER: galvanised "Traiload" Combination Trailer/Launcher	333.00
"Traiload Super C" galvanised road trailer only	247.00
Trailer lighting board complete with cable & 7-pin plug	18.00
Holding down straps for tying boat to trailer	4.50
LAUNCHING TROLLEY, galvanised with 16" pneumatic tyred wheels	109.82
Portable Bilge Pumps	7.16
Anchor, 4½lb. with warp	13.00
SPINNAKER: Sail only	78.50
Boom only for spinnaker sail	8.00
(Fittings and rigging for the spinnaker are included in the standard set of fittings and rigging overleaf and therefore in to the prices for kits and boats above)	

All prices quoted are nett, ex. Works, Leicester, England and include 15% U.K. V.A.T. Overseas customers should deduct 13% from all prices to remove the U.K. V.A.T.

We will quote for carriage on kits and finished boats on request.

Add £1.90 per order for items small enough to post.

Delivery on kits is usually "ex. stock" but completed boats are usually on long delivery between Easter and August.

Kits can be paid for on collection or prior to despatch in full.

A deposit of approx. 1/3rd value of completed boats is required with the balance payable on collection or prior to despatch.

January 1981.

MIRROR SIXTEEN DINGHY

Price List of fittings, rigging and spares  
which are part of the standard specifications  
and included in the price overleaf.

<u>Part No.</u>	<u>£.p</u>	<u>Part No.</u>	<u>£.p</u>
1 Bowplate	3.31	23 Kicking strap complete	8.05
2 Pr. Mooring Fairleads	.92	24 Jambing block for main	9.80
3 Mooring Cleat	.95	25 Mainsheet pulleys (3)	6.52
4 Reefing line leads	.45	26 Four shackles	1.40
5 Cleat for above	.21	27 Set Toe Straps	5.50
6 Pr. Chainplates	2.95	28 Keelband complete	17.50
7 Chainplate Covers	1.00	29 Tiller hood straps	1.65
8 Five Inspection Hatches	7.75	30 Centreboard bush	.15
9 Three eye plates	3.18	31 Burgee, halyard etc.	2.60
10 Centreboard stirrup	8.00	32 Mainsheet	4.25
11 Centreboard friction	2.80	33 Mainsheet block strop	.65
12 Centreboard handle	1.20	34 Foresail sheet	3.75
13 Pr. Jibsheet fairleads	1.42	35 Jib halyard & reefing line	5.00
14 Pr. Jibsheet cleats	6.50	36 Spinnaker halyard & clip	2.80
15 Pr. Spinnaker leads	.66	37 Main halyard	5.50
16 Pr. Spinnaker cleats	3.40	38 Rudder uphaul, downhaul with pin and lanyard	1.80
17 Eight drain sockets	1.36	39 Boom outhaul	.30
18 Four rudder hangings	7.33	40 Forestay fitted to luff spar	8.00
19 Rudder pivot bolt	.33	41 Pr. Shrouds with links	7.50
20 Rudder retaining clip	.18	42 Two Rigging screws	10.83
21 Rudder lanyard eye & cleats	.55	43 Spinnaker boom kicker	2.20
22 Tiller universal joint	1.88		

		<u>£.p</u>
<u>SPARS:</u>	Mast	142.16
	Boom	49.50
	Luff spar	50.50

SAILS Mainsail & Genoa £200

<u>SPARES:</u>	<u>"as kits"</u>	<u>varnished</u>
Centreboard	£27.50	£34.10
Rudder blade	10.20	15.00
Rudder complete with fittings	37.00	48.00
Transom fittings for rudder, extra	2.71	2.71
Paddle	5.06	5.06

All above prices include V.A.T. at 15%

Carriage and packing £1.90 per order on any of above items.

TERMS: Nett, cash with order or against invoice prior to despatch.