

Fusion 40



"The Passion to involve your creative senses"

“Easy Tiger” and “Blonde Moment” are just two examples of the magnificent craft that can be produced by “Husband and Wife” teams, working either spare, part or full-time.

The benefits are numerous with Fusion, this beautiful production moulded Kit of components can be assembled by handy people with no prior boat building experience, just by following the simple steps laid out for you. Customization of the interior can be a simple task using the many interior templates available.

Remember the components can be delivered in two shipping containers, anywhere in the world.

The following pages outline specifications and the Kit contents.

FUSION 40

SPECIFICATIONS

"It's impossible to describe the feeling and excitement when removing those beautiful, white, glossy components from their shipping containers." -- Greg, Aust.

The Fusion 40 Kit Set was designed on computer by Gary Lidgard design studios, the moulds were then routed on a 5 axis router from those files, this ensured the accuracy of components was achieved.

With 50 of these boats sailing and under construction, the process has been well and truly proven. Not only does the construction process reduce months from construction time, it allows shipping in containers around the world at a very reasonable cost.

Technical Specifications (Standard vessel)

LOA	12.2mts	40ft
BOA	7.2 mts	23'4"
DRAFT	.8mt	32"
BRIDGEDECK	800mm	32"
RIG HEIGHT	17.26mts	57.4"
FUEL	380lts	100 gals
WATER	800lts	212 gals
MAINSAIL	64sqmts	688 sq ft
JIB	24.5sqmts	264 sq ft
SCREECHER	60sqmts	645 sq ft
SPINNAKER	82sqmts	883 sq ft
ENGINES	2 x YM30 Yanmars	
SHIPPING	2 x 40ft containers	

Whether you decide to hire the Fusion assembly team to help you, or you decide to just follow the simple instructions, Fusion is a dream to build and a dream to sail.

Check out an owner's web site by going to: www.cruisingnorth.com.au



When making the decision, “which Kit”, there are a number of check points that must be considered.

The first being resale value:

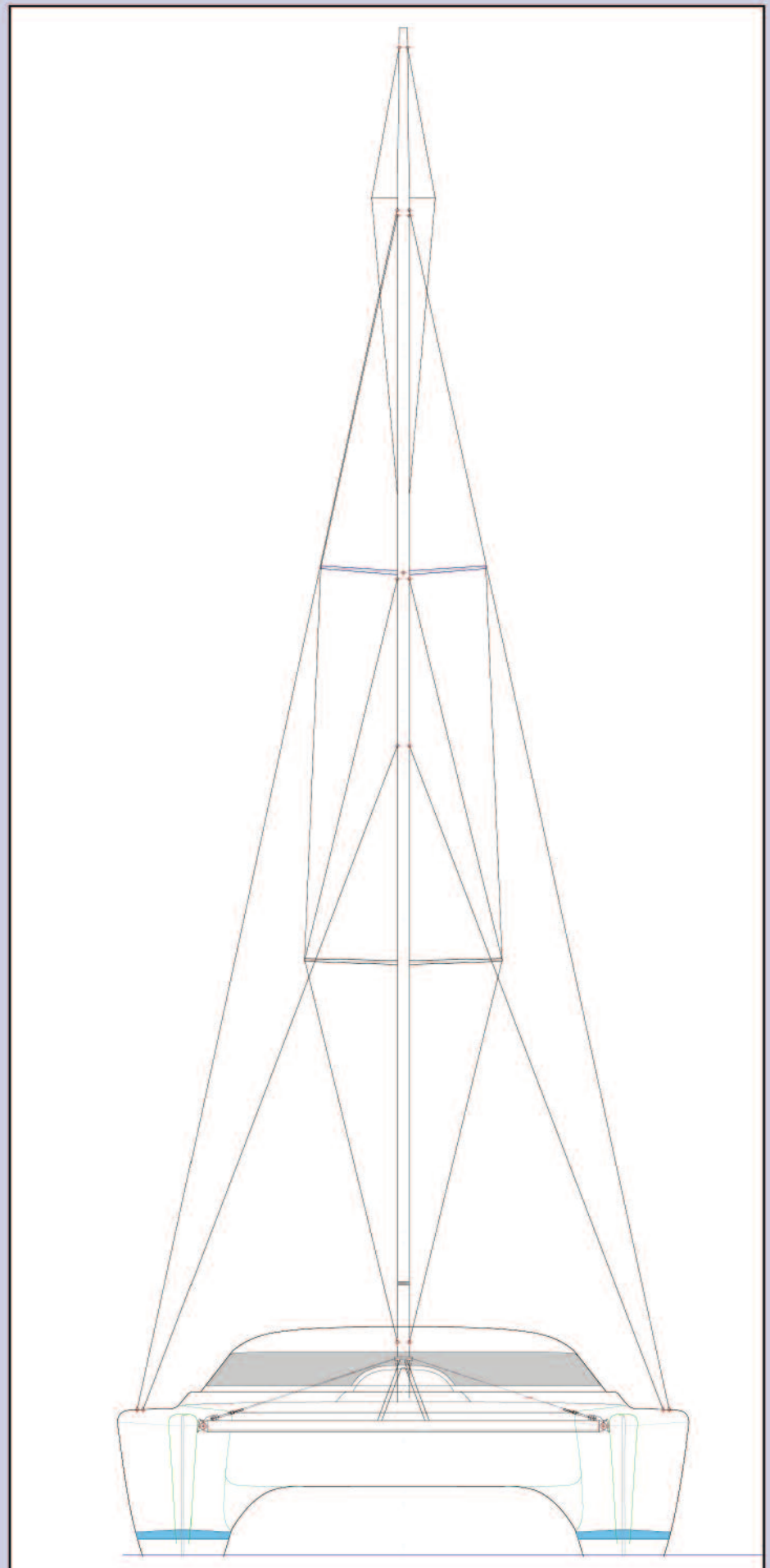
1. What will the real market value be when finished?
2. Is it a modern, performance design?
3. Is it moulded Gelcoat and Fibreglass construction?

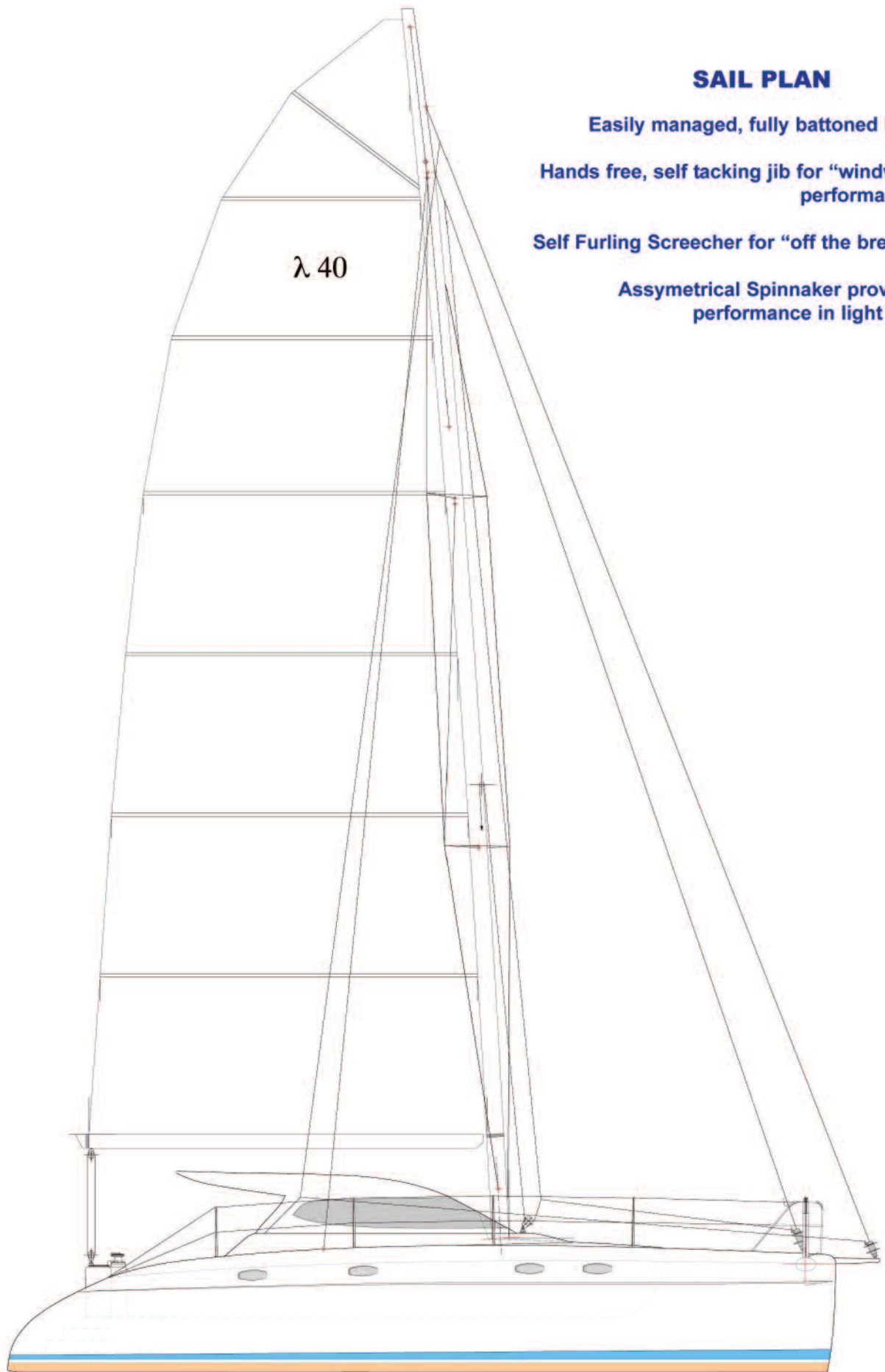
The second being your families comfort and safety:

4. Compare bridgedeck heights
5. Check access into hulls.
6. Check head heights throughout the hulls
7. Do standard Queen sized mattresses fit?
8. Can I sit up in bed?
9. Is 8 portlights and 8 hatches enough ventilation.
10. Do my building components carry a “Class A” Oceangoing, CE Certification?

The third, “Is it a user friendly vessel”?

11. Check the plans for dinghy access.
12. Does it have flat easy workable decks.
13. How much drop has the anchor chain.
14. Is the chain run below decks, with self deploying anchor.
15. Does it have diesel motors
16. Do you have access to engines without waking the boat.
17. Do you have options on mini keels and centre boards
18. Sensible sail plan.





SAIL PLAN

Easily managed, fully battened Main

Hands free, self tacking jib for "windward performance"

Self Furling Screacher for "off the breeze"

Assymetrical Spinnaker provides performance in light airs.

PACKING LISTS OF CONTAINER

STD PARTS LIST

Part Number	Issue 19/06/06 Part description	PACKING LIST Type	Container # 1 #/ Shipset
FC40-1	Hull underwater L/H	Moulded	1
FC40-2	Hull underwater R/H	Moulded	1
FC40-3	Hull inboard L/H	Moulded	1
FC40-4	Hull inboard R/H	Moulded	1
FC40-5	Wing deck	Moulded	1
FC40-7	Hull liner L/H	Moulded	1
FC40-8	Hull liner R/H	Moulded	1
FC40-9	Rear Bulkhead	Moulded	1
FC40-9.1	Rear Bulkhead Cap	Moulded	1
FC40-11	Transom/steps L/H	Moulded	1
FC40-12	Transom/steps R/H	Moulded	1
FC40-17	Cabin Roof L/H	Moulded	1
FC40-23	Mast bulkhead Sta.4750	DXF (Flat Panel)	1
FC40-23.1	Mast bulkhead Sta.4750 Cap	Moulded	1
FC40-25	Main comp b/head centre	Moulded	1
FC40-33	Keel	Moulded	2
FC40-35	Rudder	Moulded	2
FC40-51	Main Comp. B/hd Cap	Moulded	1
FC40-52	Not used		
FC40-59.1	Floor LH,RH	DXF (Flat Panel)	2
FC40-59.2	Floor LH,RH	DXF (Flat Panel)	2
FC40-590.3	Floor L/H, R/H	Moulded	2
FC40-590.4	Floor L/H, R/H	Moulded	2
FC40-590.5	Floor L/H,R/H	Moulded	2
FC40-101	Tank Bulkhead Sta.5250	Moulded	2
FC40-109	Steering Console	Moulded	1
FC40-111	Chain channel	Moulded	1
FC40-115	Anchor Winch Mount	Moulded	1
FC40-113	Mast Base	Wood	2
Total			37

PACKING LISTS OF CONTAINER

STD PARTS LIST

Issue 19/06/06 Part Number	Part description	PACKING LIST Type	Container # 1 #/ Shipset
FC40-13	Cockpit L/H	Moulded	1
FC40-14	Cockpit R/H	Moulded	1
FC40-15	Hull outboard L/H	Moulded	1
FC40-16	Hull outboard R/H	Moulded	1
FC40-17A	Cabin Roof Fairing L/H	Moulded	1
FC40-18	Cabin Roof R/H	Moulded	1
FC40-18A	Cabin Roof Fairing R/H	Moulded	1
FC40-19	Cockpit Seat	Moulded	1
FC40-25.1	Main comp b/head -port	DXF (Flat Panel)	1
FC40-26	Main comp b/head -stbd	DXF (Flat Panel)	1
FC40-27	D frame centre	DXF (Flat Panel)	1
FC40-29	D frame L/H B/L 0.700	DXF (Flat Panel)	1
FC40-30	D frame R/H BL 0.700	DXF (Flat Panel)	1
FC40-31	Cabin roof centre	Moulded	1
FC40-37	Catwalk + Prodder	Moulded	2
FC40-39	Bow cap	Moulded	2
FC40-41	B/head Sta.300 LH,RH	DXF (Flat Panel)	2
FC40-43	B/head STA 1 L/H, R/H	DXF (Flat Panel)	2
FC40-45	B/head STA 2 L/H, R/H	DXF (Flat Panel)	2
FC40-47	Intercostal STA.3300 L/H,R/H	DXF (Flat Panel)	2
FC40-53	B/head STA -9020 L/H, R/H	DXF (Flat Panel)	2
FC40-55	Counter STA -2284/STA-4750 L/H,R/H	DXF (Flat Panel)	2
FC40-57	Counter STA-4750/STA-7595 L/H,R/H	DXF (Flat Panel)	2
FC40-61.1	Forward comp sole LH,RH	DXF (Flat Panel)	2
FC40-61.2	Forward comp sole LH,RH	DXF (Flat Panel)	2
FC40-75	Cockpit seat hatch LH aft	Moulded	1
FC40-76	Cockpit seat hatch RH aft	Moulded	1
FC40-77	Cockpit seat hatch centre aft	Moulded	1
FC40-80	Cockpit seat hatch fwd RH	Moulded	1
FC40-81	Mast deck hatch aft LH	Moulded	1
FC40-82	Mast deck hatch aft RH	Moulded	1
FC40-83	Mast deck hatch fwd LH	Moulded	1
FC40-84	Mast deck hatch fwd RH	Moulded	1

PACKING LISTS OF CONTAINER

FC40-85	Engine Comp Hatch-LH	Moulded	1
FC40-86	Engine Comp Hatch-RH	Moulded	1
FC40-87	b/head assembly st-7045 L/H,R/H	DXF (Flat Panel)	2
FC40-89	intercostal bhd st-7595 L/H,R/H	DXF (Flat Panel)	2
FC40-91	Partial b/head st-9400 L/H,R/H	DXF (Flat Panel)	2
FC40-93	Partial b/head st-9790 L/H,R/H	DXF (Flat Panel)	2
FC40-95	rudder b/head assembly L/H, R/H	DXF (Flat Panel)	2
FC40-97	main comp. Counter L/H,R/H	DXF (Flat Panel)	2
FC40-99	Keel Stiffener L/H,R/H	DXF (Flat Panel)	4
FC40-103	Swim Platform L/H Fairing	Moulded	1
FC40-104	Swim Platform R/H Fairing	Moulded	1
FC40-105	Targa reinforcing BL 2120 L/H,R/H	DXF (Flat Panel)	2
		Total	66

In addition to those standard parts you might have ordered optional Parts, such as Furniture etc. will be listed separate on your specific packing list,

