

MC38

ONE DESIGN



McCONAGHY

SPECIFICATIONS



The McConaghy 38 raises high performance one design yacht racing to a new level. Designed by four-time America's Cup designer Harry Dunning, The MC38 delivers high performance racing in a One Design Class. Designed for international, inter-state or inter-club racing, the MC38 has a removable Carbon keel-fin for ease of transport. McConaghy build and finish quality ensure strong, fast and identical boats for maximum racing, without the need for maximum crew

Strict One Design Class – No arms race

Universal racing - Mixed Fleet, regatta, club and twilight racer.

Carbon boat with E glass & foam core

Carbon mast and boom

Autoclaved carbon foils – including Carbon keel fin

Autoclaved carbon Spinnaker prodder.

Designed by America's Cup designer Harry Dunning (mascalzone latino)

Engineered by Americas cup engineers SDK (Alinghi)

Mast design by Americas cup mast engineer Feddersen design (Alinghi)

PBO Composite rigging as standard

CNC Female tooling with elevated temperature post-curing

McConaghy Carbon Tiller Steering or Dual Carbon Steering Wheel Option

Harken deck Hardware as standard

Specifically designed for ease of road transport

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SPECIFICATIONS

LOA	11.35	M
LWL	10.55	M
Beam	3.50	M
Draft	2.80	M
Disp. (light)	3,200	Kg
Designed Crew Weight	600	Kg
Bulb	1600.00	Kg

Yacht Design: Harry Dunning and Associates (Mascalzone Latino Americas Cup chief designer)

Structural Engineering: SDK Structures (Alinghi Americas Cup engineers)

Construction: McConaghy Boats

The MC38 is built using the best materials available in the market utilizing advanced composite techniques normally reserved for the America's Cup and other high performance yacht construction, built to the highest possible standards.

This is a project that fits well within the ethos and culture of the McConaghy team leveraging over 45 years of experience in producing world class winning yachts.

SAIL PLAN

IM	15.90	M
J	4.63	M
P	16.50	M
E	5.00	M
Mainsail	68	M ²
Genoas	33	M ²
Spinnaker	185	M ²



CONSTRUCTION

- Carbon Fibre & EGlass, core cell foam cored, resin infused Vinylester Construction
- Autoclaved prepreg carbon Keel fin with lead bulb
- Autoclaved prepreg carbon rudder and stock

MECHANICAL

- Yanmar Diesel Inboard Engine - 15Hp with Sail Drive
- Spinlock Throttle Control - Cockpit Mounted

ELECTRICAL

- Sealed 12V Battery
- BEP 4 x Breaker Box

DECK HARDWARE

- Winches Standard Package:
 - 2 Primaries : Harken 46.2 PTP Performas
 - 2 Mainsheet: Harken 40.2 STP Performas
 - 2 Backstay: Harken 40.2 STP Performas
- McConaghy Foredeck Hatch with Pneumatic Seal
- 4 Spinlock XX Clutches
- Complete Harken Deck Gear Package inc under deck purchase systems
- Harken Jib Cars adjustable with under deck tackle
- Harken Mainsheet Track and Traveller Car
- McConaghy Carbon Toerails
- Prepreg Carbon retractable Bowpole and Dyneema Bobstay



STEERING

- Autoclaved prepreg carbon Rudder and Stock from CNC milled steel tools
- Autoclaved Carbon Fibre Tiller and Spinlock Tiller Extension
- Upper and Lower self-aligning Rudder Bearings
- McConaghy Twin Carbon wheels and steering system as option

SPARS & RIGGING

- Designed by Americas Cup (Alingi and Oracle) mast designer Kirst Feddersen
- Autoclaved Prepreg Carbon MC 38 Series split mast tube for ease of transport
- Continuous Navtec PBO standard rigging
- 2 Sets Autoclaved prepreg carbon Swept Back Spreaders
- Halyard Locks on main and jib halyard
- Autoclaved prepreg Carbon Boom
- Autoclaved prepreg Carbon Bowpole - 2.2m retractable
- Integral internal Hydraulic Mast Jack
- Easily adjustable Mast Step for pre bend tuning
- High gloss clear carbon finish to Mast, Boom and Bowpole

RUNNING RIGGING

- 1 x Main Halyard + Headboard Car + Two Position Halyard Lock
- 1 x Masthead Spinnaker Halyard
- 1 x Jib Halyard with bullet Halyard Lock
- 2 x Jib Sheets with T-Clew ring attachment
- 2 x Spinnaker Sheets
- Soft Boom Vang: purchase below deck, exit in cockpit aft
- Jib Car Inhaul adjuster purchase lead to cockpit
- Jib Lead Up/Down adjuster purchase lead to cockpit
- Jib Cunningham purchase lead to cockpit
- Jib Halyard lock release string to pit
- 1 x Retractable Bowpole extension line lead to cockpit
- 1 x Spinnaker Tackline led to cockpit
- 2 x Traveller adjuster purchase leads to Mainsheet Trimmer
- 1 x Mainsheet
- 1 x Leech Reef Line with internal Boom Jammer
- Main Outhaul adjuster purchase inside Boom
- Main Cunningham adjuster purchase below deck
- 2 x Topmast Backstay Tails

EXTERIOR FINISHES STANDARD

- HULL: White Gelcoat
- DECK: White Gelcoat - Non-Skid Gelcoat areas
- COCKPIT SIDES: Clear Carbon
- COCKPIT FLOOR: Adhesive Non-Skid Grip
- KEEL & RUDDER: White Gelcoat



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PRICING & OPTIONS

MC38 One Design

Base Boat, including Rig, Deck Hardware, Running Rigging
As per specifications

USD \$248,000

Tack Tick Integrated Wireless Electronics
supply and install (see specifications)

USD \$9,900

B&G Hydra Electronics Package
supply and install (see specifications)

USD \$10,090

Nexus NXR Electronics
supply and install (see specifications)

USD \$8,030

Antifouling (below waterline)

USD \$4,400

Change in Deck Gelcoat Colour

USD \$1,990

Change in Hull Gelcoat Colour

USD \$1,990

Custom Graphics

POA

Cove Line or Boot Stripe

USD \$1,200

McConaghy Twin Carbon Wheels and System
including emergency tiller

USD \$9,000

Primary Winch Upgrade from Harken 46.2PTP to
Harken Quattro 46 STQP Performa

USD \$1,000

Dock Box Large

USD \$750

Dock Box Small

USD \$570

PRICING & OPTIONS

Options for Category 2

Porta Potti Marine Toilet	USD \$380
Pipecots x4 (removable for One Design)	USD \$2,380
Stove & Galley Unit (removable for One Design)	USD \$550
Fresh Water System 2x50L Bladders 1x Handpump	USD \$485
Cockpit Clipping Points - 2xHarken Folding Padeyes	USD \$245
Hella Marine Navigation Lights mounted intermediate lifeline level	USD \$455
Padeyes for Life Raft	USD \$220

Sails

Class Rule Compliant as per North Sails Quote Q106185

3Di Mainsail	USD \$16,975
3Di #1 Jib	USD \$10,359
3Di #2 Jib	USD \$11,465
3Di ORC HW Jib	USD \$9,017
#1 Spinnaker	USD \$7,485
#2 Spinnaker	USD \$8,333



Shipping and Transport Cradle Options

Multipurpose Cradle Including Shrink Wrap and Packaging for Transport Ex Works	USD \$14,240
Hardstand and Deck Cargo Cradle Including Shrink Wrap and Packaging for Transport Ex Works	USD \$11,950
Angled Shipping Frame For shipping or transporting in 40ft Open Top Conatiner Including Shrink Wrap and Packaging for Transport Ex Works	USD \$6,250
Keel Off Support Cradle For shipping or transporting horizontally Including Shrink Wrap and Packaging for Transport Ex Works	USD \$3,430
Custom Made Splashes	USD \$2,400

Terms and Conditions

Delivery: Yacht is sold Ex Factory China, freight, packaging insurance, and taxes are the responsibility of the owner.

Payment: Final payment due prior to shipping of yacht, please see Sales contract for full payment terms.

North Sails: Includes shipping to China, does not include any taxes or duties, 10% deposit required

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INSTRUMENT SPECIFICATIONS



MC38 Tacktick Instruments package

Updated 11/25/2011

	Part #	Qty
Wireless Multi Remote Display	T113	1
Hull Transmitter	T121	1
Wireless Interface	T122	1
Wireless Multi Maxi Display	T210	1
Wireless Multi Duel Maxi Display	T215	2
Vertical Wireless Wind Transmitter	T220	1
Mast Bracket, 3 Up	T234	1
GPS Antenna	T908	1
Compass Transducer (Wired to to Hull Transmitter T121)	T909	1
Triducer (Wired to to Hull Transmitter T121)	T910	1
Flush Mount Through Hull Fitting	T943	1

MC38 Nexus Instruments package

Updated 11/25/2011

Race Boat NXR Basic Package Nexus38 Pack	Part #	Qty
NXR-XL20	NXR-XL20	3
NXR Multi Controller	Multi	1
nWind Race transducer w/cable	Nwind	1
Log transducer	Log	1
Depth transducer	Depth	1
HPC Compass	HPC-C	1
NXR Server	Server	1
Misc cables for connection on 40 ft yacht (1x 5m 1x10m)	Misc	1
nGPS Antenna	nGPS	1
Custom Carbon Mast Bracket (Ex McConaghy)		1

MC38 B&G Instruments package

Updated

12/8/2011

B&G Hydra Sailing Instruments Package	Part #	Qty
H3000 Hydra Base Pack	BGH300001	1
H3000 GFD	BGH210001	1
H3000 CPU: Hydra	BGH250002	1
Power Cable, 3m	135-0A-096	1
NMEA 0183 Cable, 4m	135-0A-098	1
Fastnet Cable, 10m	135-0A-130	1
Fastnet Terminators	239-00-099	1
H3000 Handbook	HB-3000	1
VMHU 810mm	BGH031001	1
VMHU Mast Cable, 36m	BGH030006	1
6-Core Wind Cable, 9m	135-0A-097	1
Junction Box 7 Terminal	288-00-001	1
VMHU Fixings Pack	BGH033007	1
ZG50 GPS ANTENNA,ZEUS,5Hz	000-10312-001	1
AT10 Two way general NMEA 0183 to SimNet converter	24005936	1
H3000 DEPTH SENSOR PLASTIC FLUSH	SEN-DPT-HPF	1
H3000 SPEED SENSOR PLASTIC FLUSH	SEN-SPD-HPF	1
Halcyon 2000 Compass	486-00-009	1
H3000 10/10 HV DISPLAY PACK	BGH320001	3
Custom Carbon Mast Bracket (Ex McConaghy)		1

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MC 38 Transport

The MC 38 has been specifically designed to make transportation as simple, versatile and cost effective as possible.

Recognising that owners would rather spend their money and time on enjoying sailing their yachts, McConaghy Boats have incorporated the following features into the MC 38, without compromising performance.

- 3.5m Max Beam within legal width for transport without an escort vehicle in majority of countries
- Light Weight at 3200kg for easy towing compared to other 40ft yachts
- Retractable Keel, retracts through the companionway reducing the height load height to 310cm for transport with keel in, and pulpit, pushpit and stanchions in place.
- Split two Piece Mast allowing for transport within 40ft container, or under the yacht on trailer/cradle. Alternatively mast can be transported as single piece fully rigged and ready to step on deck
- Variety of transport cradle designs available depending on owner's requirements

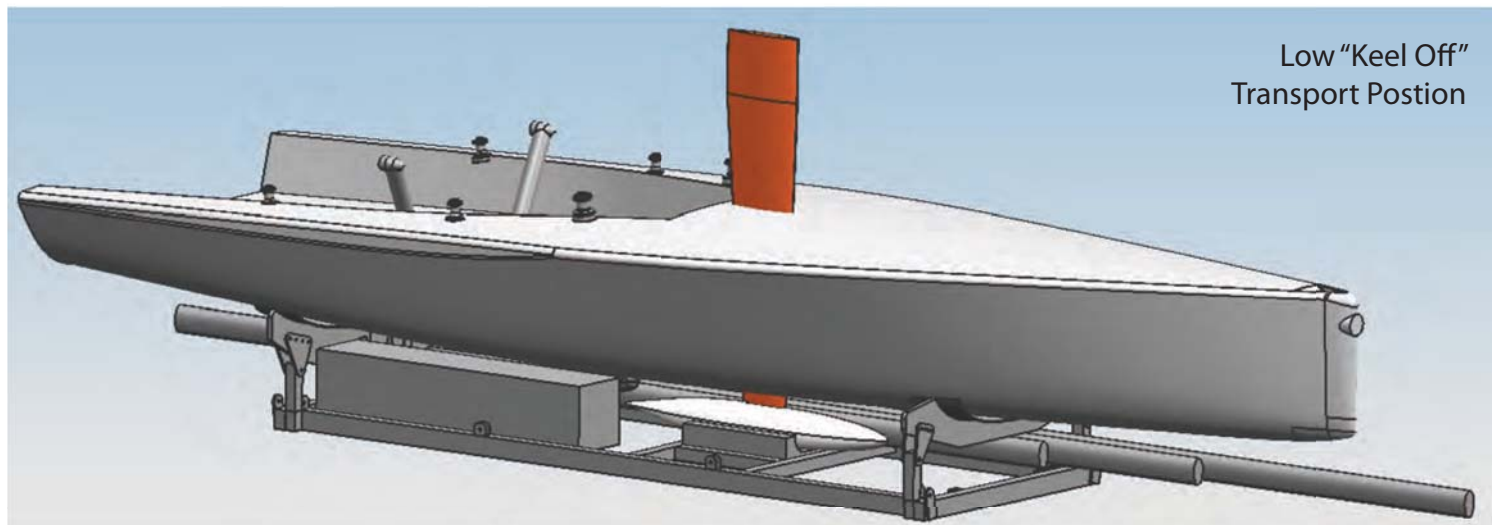
MC38 Multipurpose Cradle

Multipurpose Cradle can be used for shipping the yacht at an angle so that it fits within a 40ft open top container, a 40ft flat rack or on a low bed semi trailer without being over width. The same cradle will allow the yacht to be rotated by travel lift or crane to its horizontal position.

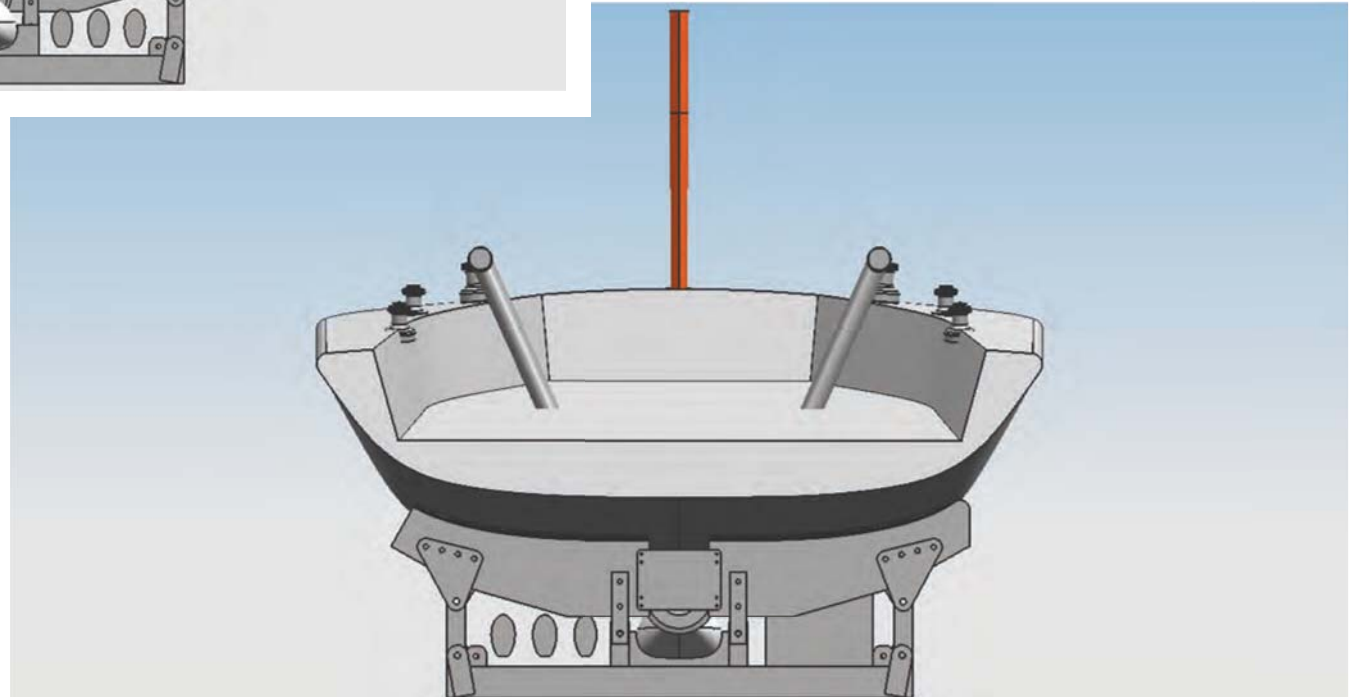
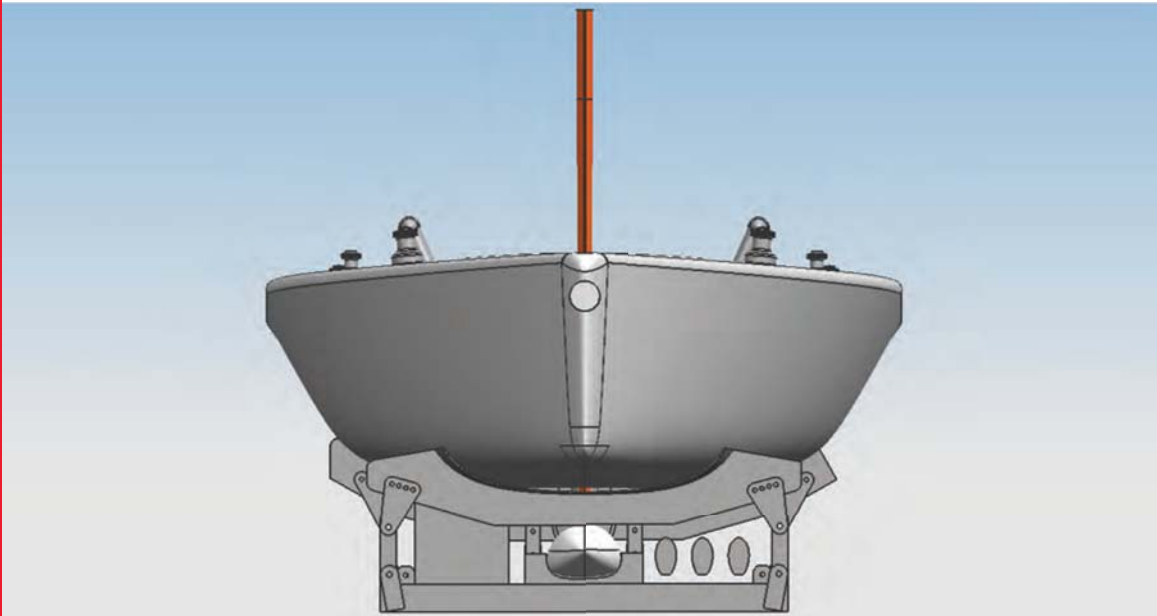
The Multipurpose cradle maybe used to support the boat on Hardstand with Keel on or off. The cradle may be lowered by removing the upright legs so that the yacht can be stored or transported in its low "keel off" position.

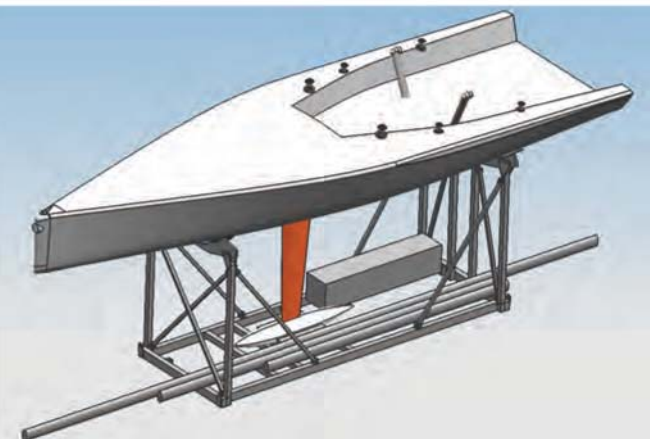
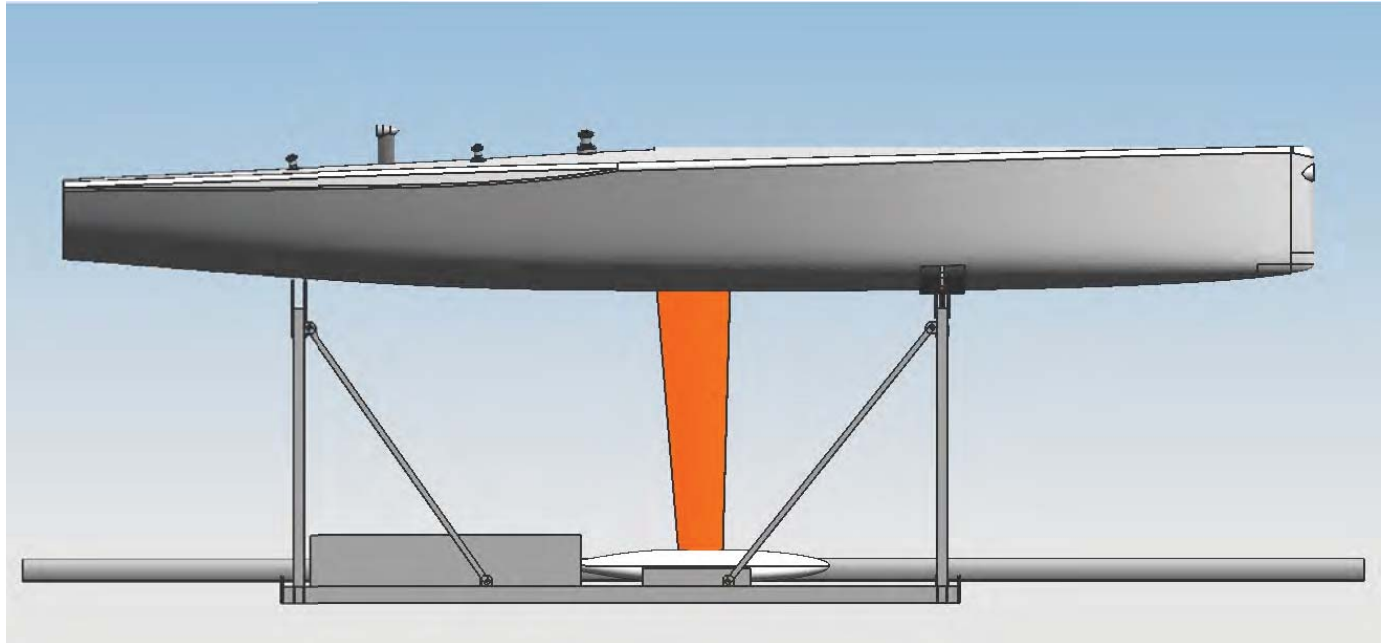
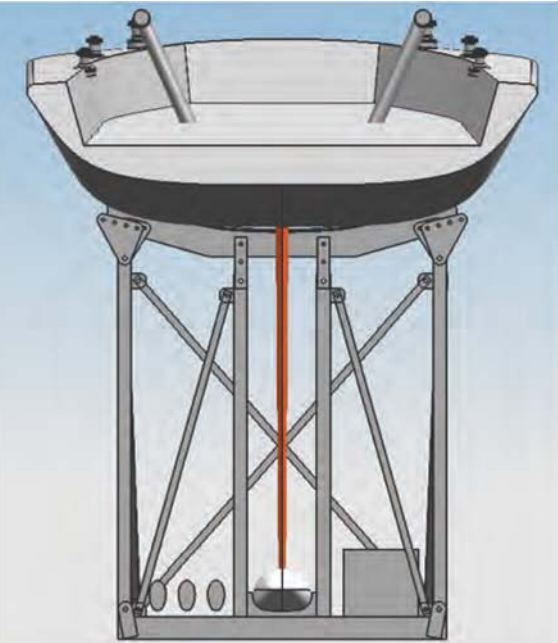
As a high Hardstand Cradle the Aft Splashes (Bunks) has a removable section which allows the Keel and Bulb to pass through when driven onto the cradle with a travel lift.

A separate cradle for the keel and bulb is provided with the Multipurpose Cradle to support the Keel and Bulb when shipped at an angle



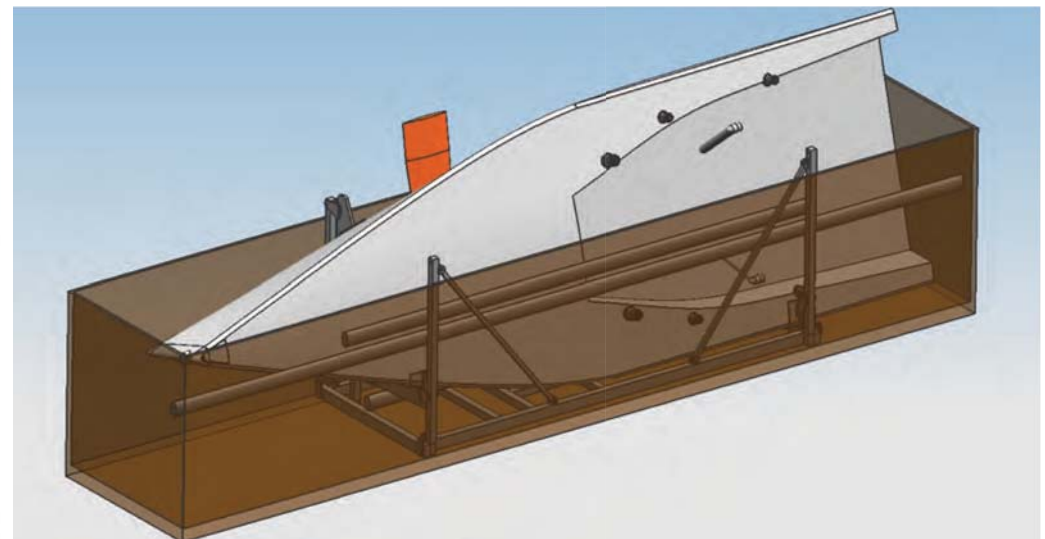
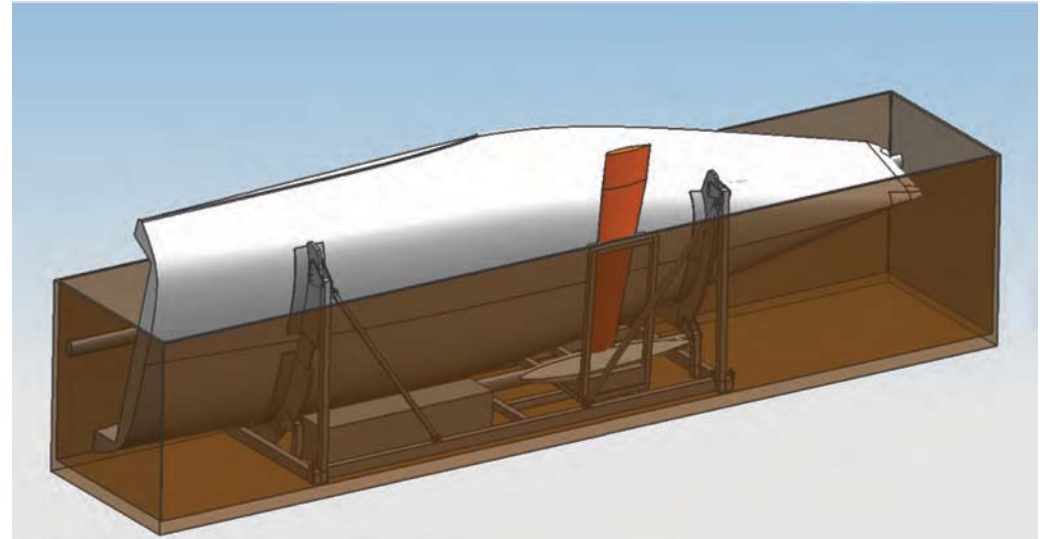
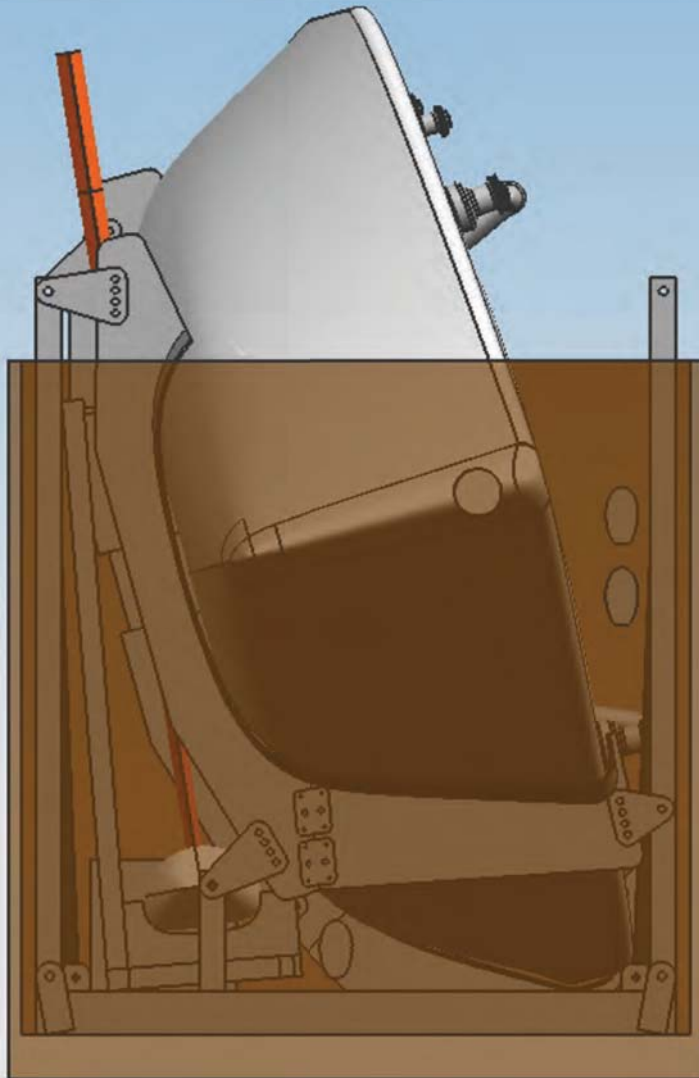
Low "Keel Off" Transport Position

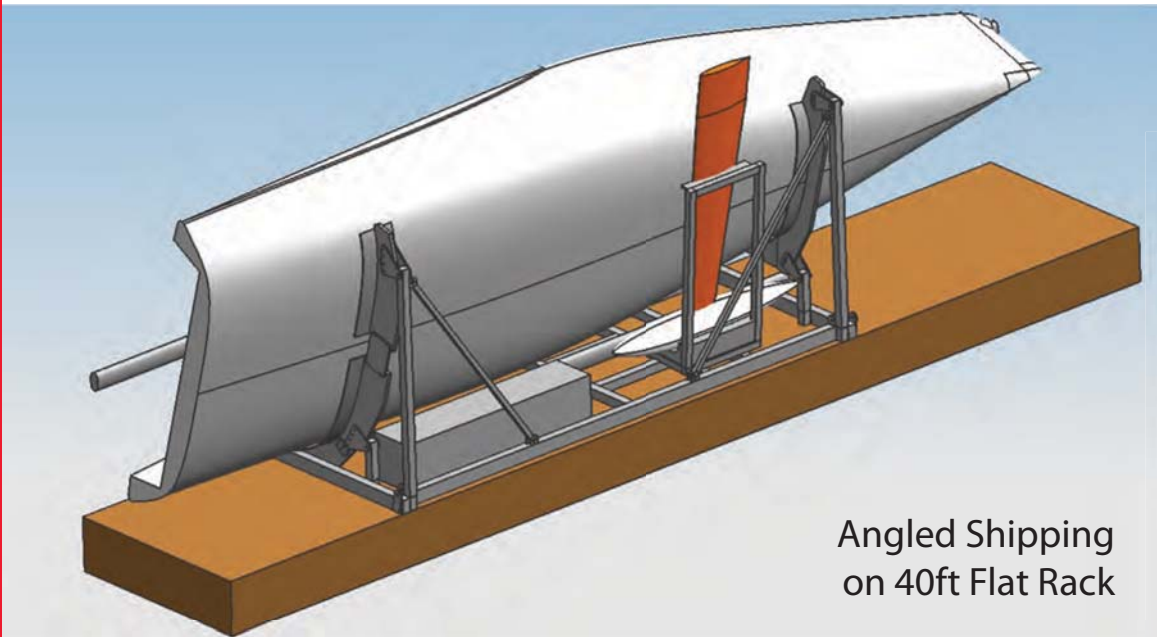




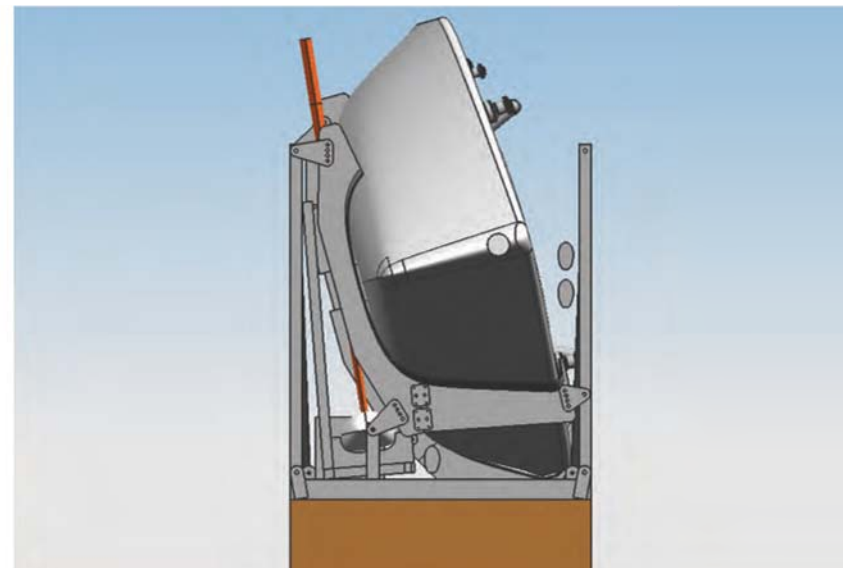
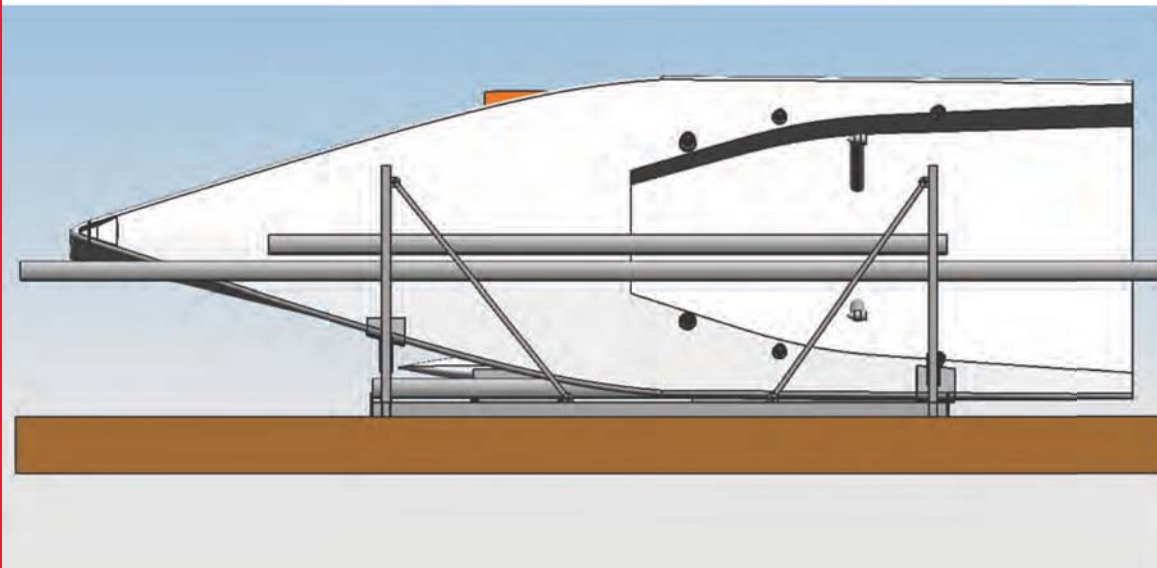
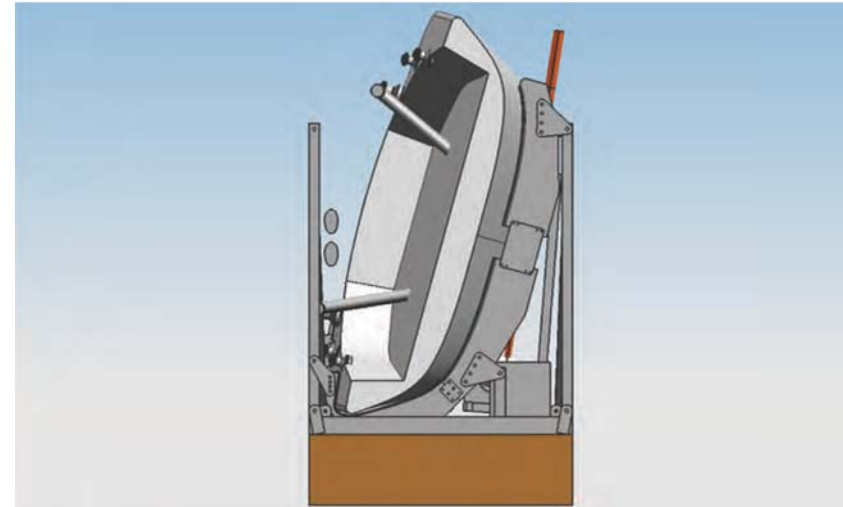
High Hardstand
Cradle Position

Angled Shipping inside 40ft Open Top Container

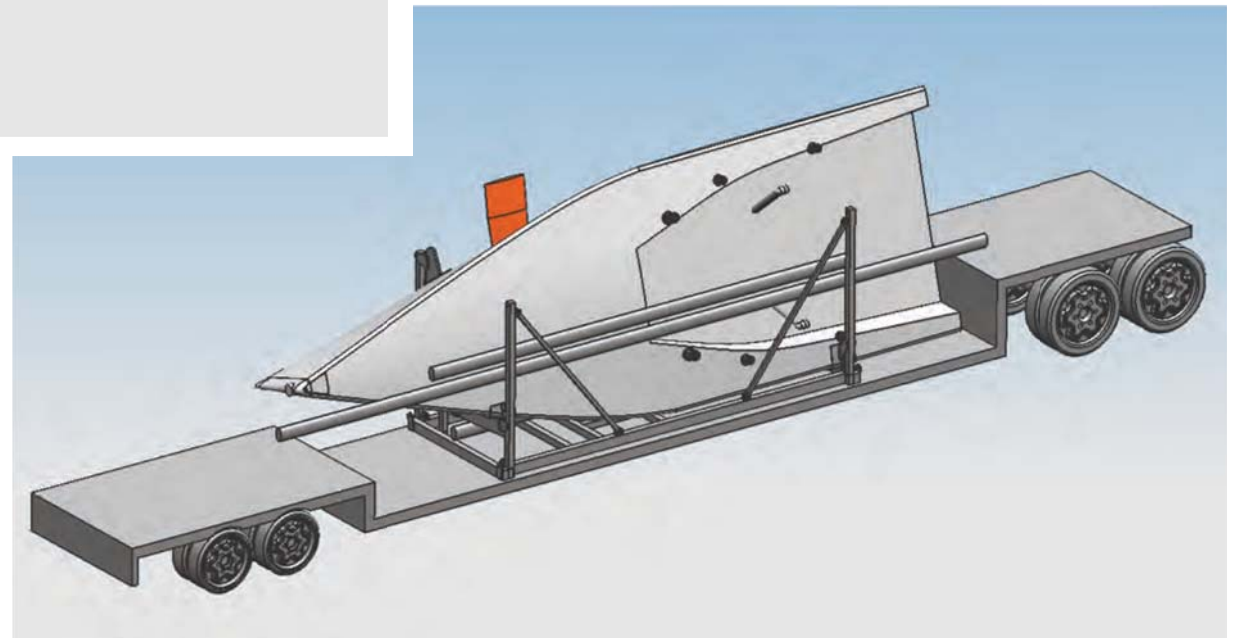
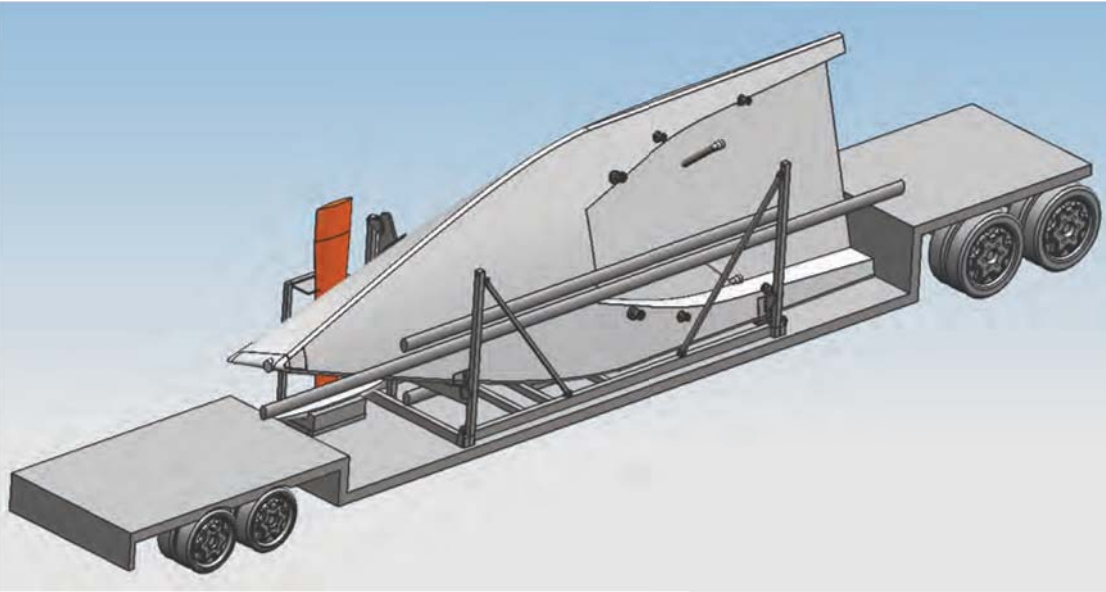




Angled Shipping
on 40ft Flat Rack



Angled Trucking on Lowbed Trailer



MC38 Hardstand Cradle

Hardstand Cradle, as above, but only supports the yacht in horizontal position (up or down) will not allow for transport at an angle.

This is a typical racing yacht hardstand/transport cradle, and would be selected by those who do not require the ability to ship the boat at an angle in an open top container or flat rack.



MC38 Angled Shipping Frame

Angled Shipping Frame, generally the most cost effective, one off shipping method. This steel frame supports the yacht at the required angle for shipping inside a 40ft open top container or on a 40ft flat rack. When shipping cost are determined by how many containers the load displaces and the customer does not anticipate regularly shipping their yacht, this frame usually represents the best value for money when shipping the boat from the factory.

A separate cradle for the keel and bulb is provided with this frame. When packing and unpacking the yacht in this frame a crane is used to rotate the yacht and frame as one from its horizontal position to its side transported position.

This frame does not use splashes (bunks) to support the yacht. Large webbing straps are used to strap the boat securely into the frame



MC38 Keel Off Support Cradle

Keel off Support Cradle, this is a simple and cost effective cradle that allows the boat to be transported in its low "keel off" position. It includes splashes (bunks) to support the hull which may be reused. This cradle is usually selected when shipping costs are not affected by displacing additional containers. A separate cradle for the keel and bulb is provided.



MC38 Custom made Splashes

Custom made "Splashes" (Bunks), to support the hull on your existing trailer or cradle. If you wish to use an existing trailer or cradle for transport or hardstand we can build Splashes (Bunks) to match the spacing FWD and AFT and athwartships that you require

