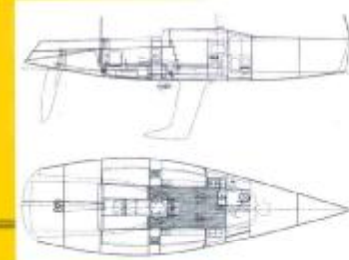
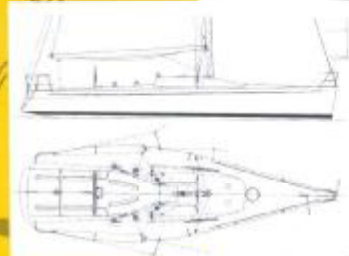
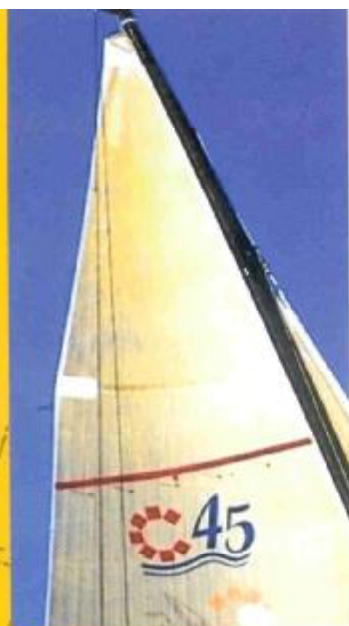




 **COREL®** 45



Principal Dimensions

LOA	13.86 m	45.50 ft.
LWL	12.24 m	40.20 ft.
BEAM	4.17 m	13.70 ft.
Draft	2.90 m	9.52 ft.
Displacement	6,937 kg	15,293 lbs.
Ballast	3,788 kg	8,351 lbs.
Sail Area	124.01m ²	1335 ft ² .

Rig Dimensions

IM	18.07 m	59.28 ft.
J	5.44 m	17.85 ft.
P	18.81 m	61.71 ft.
E	6.76 m	22.18 ft.
SPL	5.44 m	17.85 ft.
ISP	18.11 m	59.40 ft.

Construction

Kevlar/foam/epoxy composite
Wet pre-preg post cured

Mechanical

Diesel engine: Yanmar 47 hp Sail Drive two-blade geared folding Briski (or equivalent) prop
Fuel tank: 95 L aluminum
Fuel filter and water separator
Single lever throttle and clutch controls

Electrical

12 V DC distribution panel
Battery condition meter
Circuit breakers of appropriate amperage
Main battery switch
Batteries: 2x140 A-hour (approx.)
Alternator: 80 A on engine
ORC-approved running lights
Red and white dome lights: general illumination dome lights and spots as necessary

Plumbing and Stove

Water tanks: 2 each, 150 L total, aluminum
Cold pressure water system
Double galley sink
Vanity sink in head
Manual bilge pumps: 1 topside, 1 below deck
Electric bilge pump below deck
Marine head c/w holding tank and overboard discharge
Flush seacocks on all openings below DWL
Stove: custom three-burner butane

Deck Hardware

Winches:

Primaries:	Lewmar 50/3 AOR (2)
Halyard:	Lewmar 48 ASTOR (2)
Mainsheet:	Lewmar 54 ASTOR (2)

Winch Handles:

- 10 in. double grip lock in (4)
- 10 in. single grip lock in (2)

Pulpits: s/s custom bow and stern rails
Lifelines: upper and lower 1x19 s/s wire
Spinlock rope clutches for halyards
Cunningham led aft to cabin top
Hydraulic outhaul at mainsheet trimmer
Mainsheet along the boom "European style" led under deck
Mainsheet traveller led under deck
Lewmar "Racing" or equivalent tracks, cars and blocks

Steering

Carbon rudder and stock
Self-aligning rudder bearings
Emergency tiller
Custom alloy wheel 2 m diameter
Spool drive/vectran to custom quadrant
Steering compass

Spars and Rigging

Hall Spars custom carbon rig:
fractional three-spreader
Carbon boom
Rod rigging
Kevlar permanent backstay to internal hydraulic cylinder
Single two-function hydraulic panel with two-speed pump near main trimmer
Vang: Hall Quik Vang, led aft, port and starboard
Spinnaker track 3:1 lift and Harken car
Carbon spinnaker pole
Under-deck spinnaker barber haulers
All appropriate blocks and hardware for above

Running Rigging

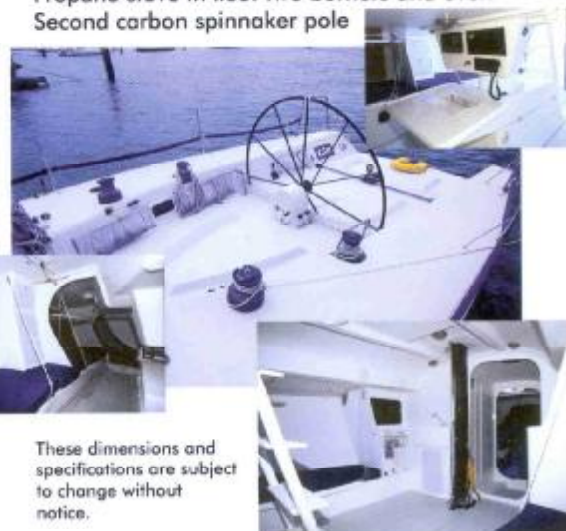
Main halyard	(1)
Jib halyard	(2)
Spinnaker halyard	(2)
Pole lift	(1)
Mainsheet	(1)
Outhaul	(1)
Cunningham	(1)
Traveller control	(2)
Jib sheet	(2)
Jib inhaul	(2)
Jib car adjust	(2)
Spinnaker sheet	(2)
Afterguy	(2)
Foreguy	(2)

Miscellaneous

Exterior finish is a light colour gel coat on topsides
Deck may be one colour or two tone
Double bootstripe is standard
Bottom is finished in epoxy and is ready to sand and paint
Foils are epoxy-coated and faired to template
Interior is finished in matte white paint
Two-tone composite cabin sole with non-skid
Tail bags in cockpit
Four fixed berths with 100 mm cushions
Two pipe berths (cushions not included)

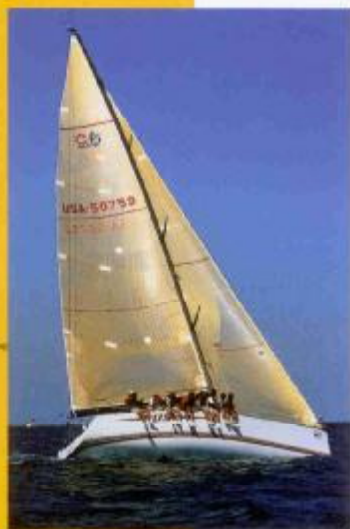
Options

Topsides painted in linear polyurethane in owner's choice of colour
Bottom painted in owner's choice of colour
Graphics
Cradle: Steel three-position breakdown
Commissioning
Packed for shipping: includes shrink wrap
Second pair of pipe berths over midship settees
Propane stove in lieu: two burners and oven
Second carbon spinnaker pole



These dimensions and specifications are subject to change without notice.

Corel[®] 45
the proof is
in the sailing



Class Association Corel

Any one-design needs a strong class association to promote its interests. Farr International has acquired an excellent class sponsor—software manufacturer Corel Corporation. Corel's support puts the class on the professional footing that's required to guarantee successful, worldwide one-design racing.

And an IMS Rocketship Too!

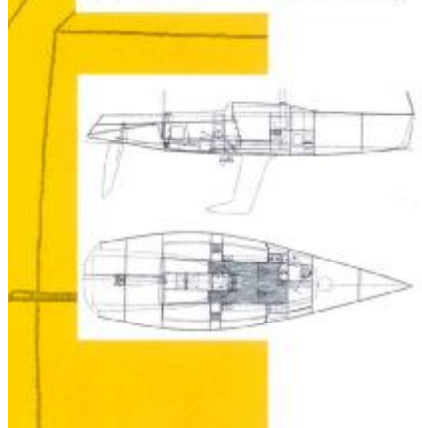
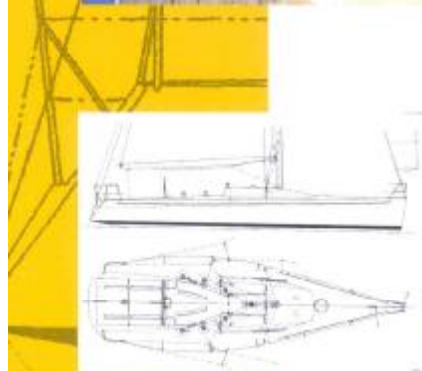
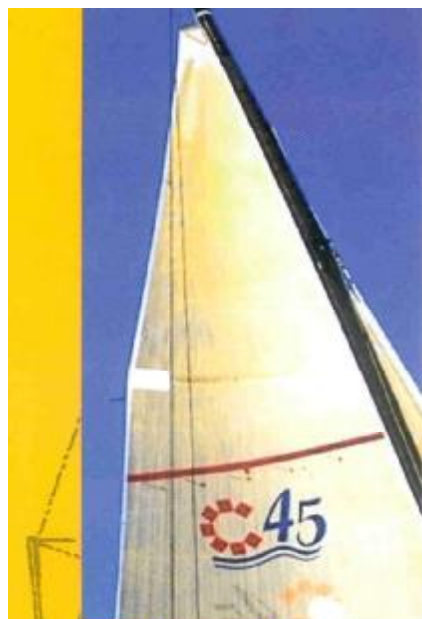
Whilst strong class racing is the founding principle, the Corel 45 is also a very classy performer in all the major handicapping systems. The Corel 45 is a potent IMS performer, as early results in San Francisco, Sardinia and Key West have proven. So too in CHS or PHRF—the Corel 45's pedigree shines right through to the silverware.

The NYYC International Cup

The icing on the cake for the Corel 45 is the endorsement by one of the world's most famous and respected yacht clubs. Holders of the America's Cup for 132 years, the New York Yacht Club has selected the Corel 45 as the competition yacht for its prestigious International Cup, the first of which will be held in Newport, RI, in 1997.

Corel[®] 45—The Proof is in the Sailing

Fast, user-friendly sailing in a value-for-money one-design with strong class support and winning performance in handicap fleets—easy to say; much harder to do. Many elements need to come together to make the formula work and to make the concept real. You need the design skill and knowledge to make the boat both fast and easy to sail, and the manufacturing skills to construct it to high levels of quality and consistency—at the right price. Then you need a management team with energy and commitment to make it all work. With the Corel 45 the proof is right there.



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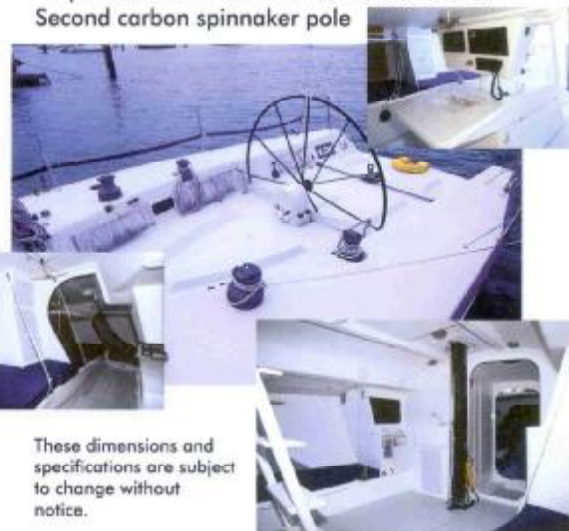
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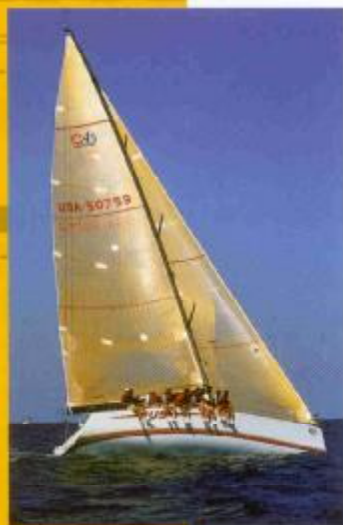
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From the team
that brought you
the Mumm 36...



Designed by Bruce Farr® and Associates, Inc., built by Carroll Marine Ltd. and administered and marketed by Farr International, Inc.—there is no better pedigree for a modern offshore one-design. This is the team that brought you the Mumm 36 and then the Mumm 30, two of the most successful one-design classes of this decade. Corel® 45s were designed according to what owners and sailors wanted in their racing boats.

"The design brief was for the boat to be very competitive under IMS, with a light air performance that would remove any doubt about this rig configuration in those conditions."

—Bruce Farr

It can be summed up in one sentence—fast, user-friendly sailing in a value-for-money one-design, with strong class support and a proven winning record in handicap fleets. If that's the kind of sailing you're looking for in a larger boat, come to the team with a track record for providing it. Now we are proud to present the Corel 45.

Fast

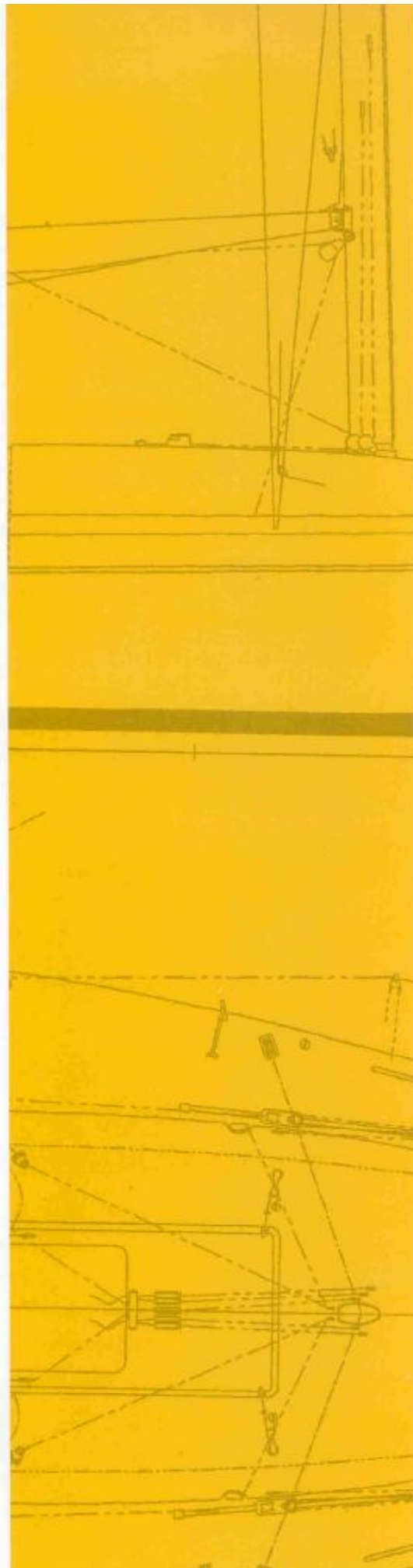
When you're talking "fast", you're talking Farr. The man and the team have dominated international yacht racing for the last two decades. It's as simple as that.

User Friendly

Sailing the Corel 45 is a lesson in how advanced technology can yield simplicity of function with high performance. From the carbon-fibre runnerless rig, to the clean deck layout and elegant interior, you will appreciate the care, thought and attention to detail that have gone into this yacht.

Great Value

At \$380,000 US (excluding sails and electronics), this boat provides excellent value. You get a world-class 45-foot racing boat for less than the price of a custom 40-foot IMS racing boat.





FARR



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CARROLL MARINE