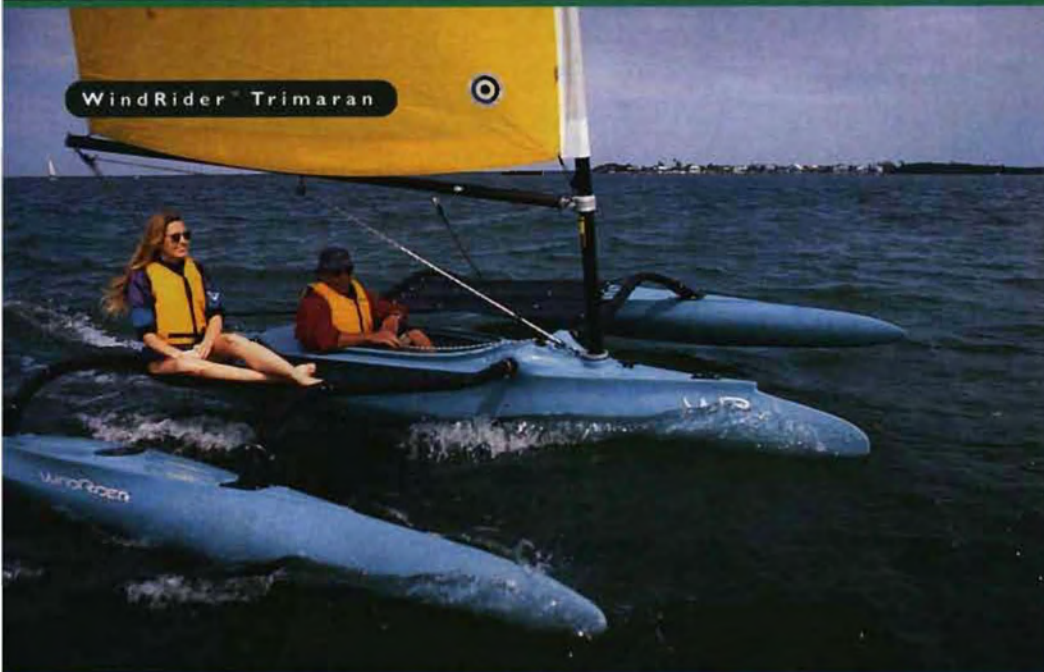


A Different Way to Sail

WINDRIDER™
Trimarans

1998-99 catalog



Revolution, Not Evolution

The original WindRider Trimaran shatters many of the conventions of small boat sailing. With three hulls and a central, forward facing cockpit, it doesn't look like any other sailboat. A simple rig and foot operated rudder make it easier to control. Slender, wave-piercing hulls give it exhilarating performance. And, the WindRider Trimaran's rotomolded polyethylene construction make it affordable, durable, and easy to maintain.

Suddenly, anyone can enjoy sailing. Youngsters, oldsters, men, women, singles, couples, or families. Athleticism and experience take a back seat to enthusiasm and the desire to sail. Ironically, the WindRider Trimaran takes the focus away from the boat, and puts it on the experience of sailing.

WindRider began with the idea that the wind belongs to everyone

For years, dinghies and day sailers, beach cats, and one-design racers dominated sailing. They were for the athletic and the competitive; sailors who were willing to invest plenty of time and money to learn to sail, maintain their boats, and spend time afloat. Too often, sailing wasn't about the experience of

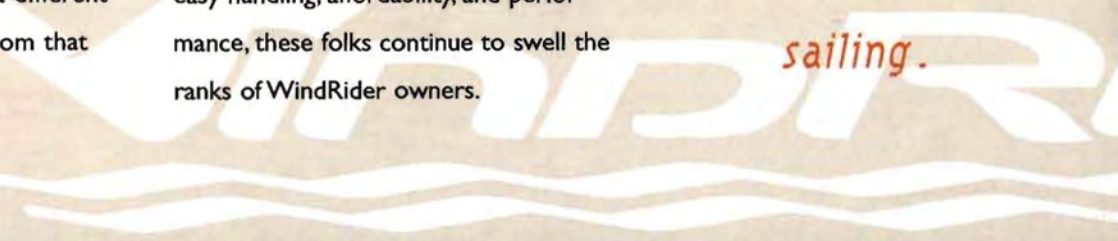


Kayaks and sailboats let anyone enjoy the water in a quiet, unobtrusive way. For information about Wilderness Systems kayaks, visit us on the web at <http://www.wildsys.com> or call (336)434-7470.

melting into our environment and living in that space where wind and water meet. It was an end in itself. We – and plenty of others – envisioned a different way to sail. WindRider came from that vision.

Sailors and non-sailors alike have taken notice. Daily, we hear from novices who are excited to find a kind of sailing that fits them, and seasoned sailors who are rediscovering the elegant simplicity of the sport. Drawn to the WindRider Trimaran by its unique combination of easy handling, affordability, and performance, these folks continue to swell the ranks of WindRider owners.

The WindRider Trimaran takes the focus away from the boat, and puts it on the experience of sailing.



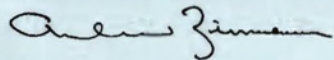
The Revolution Continues

Conventional wisdom says the path to speed is in planing hulls, sail boards, and unstable catamarans. We think it lies somewhere above the surface of the water.

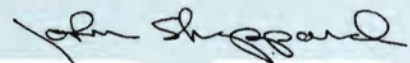
The WindRider Rave is a hydrofoil-assisted trimaran designed to push the boundaries of sailing performance. Unrestricted by arbitrary design limits, Rave is a speed machine for the real world. It uses tested materials and technology to achieve hyper speeds in conditions that exist outside testing tanks. Around the buoys, point-to-point, or on a Saturday cruise, Rave satisfies the urge to go fast.

Discover a New Way to Sail

Whether you're rediscovering sailing's excitement or igniting a new passion, WindRider can show you a new way to sail. Read about us, meet your WindRider dealer, and – best of all – experience WindRiding yourself. And find out what we've known all along: the wind does belong to everyone.



Andy Zimmerman, President



John Sheppard, Vice President

and Company

WindRider® Rave

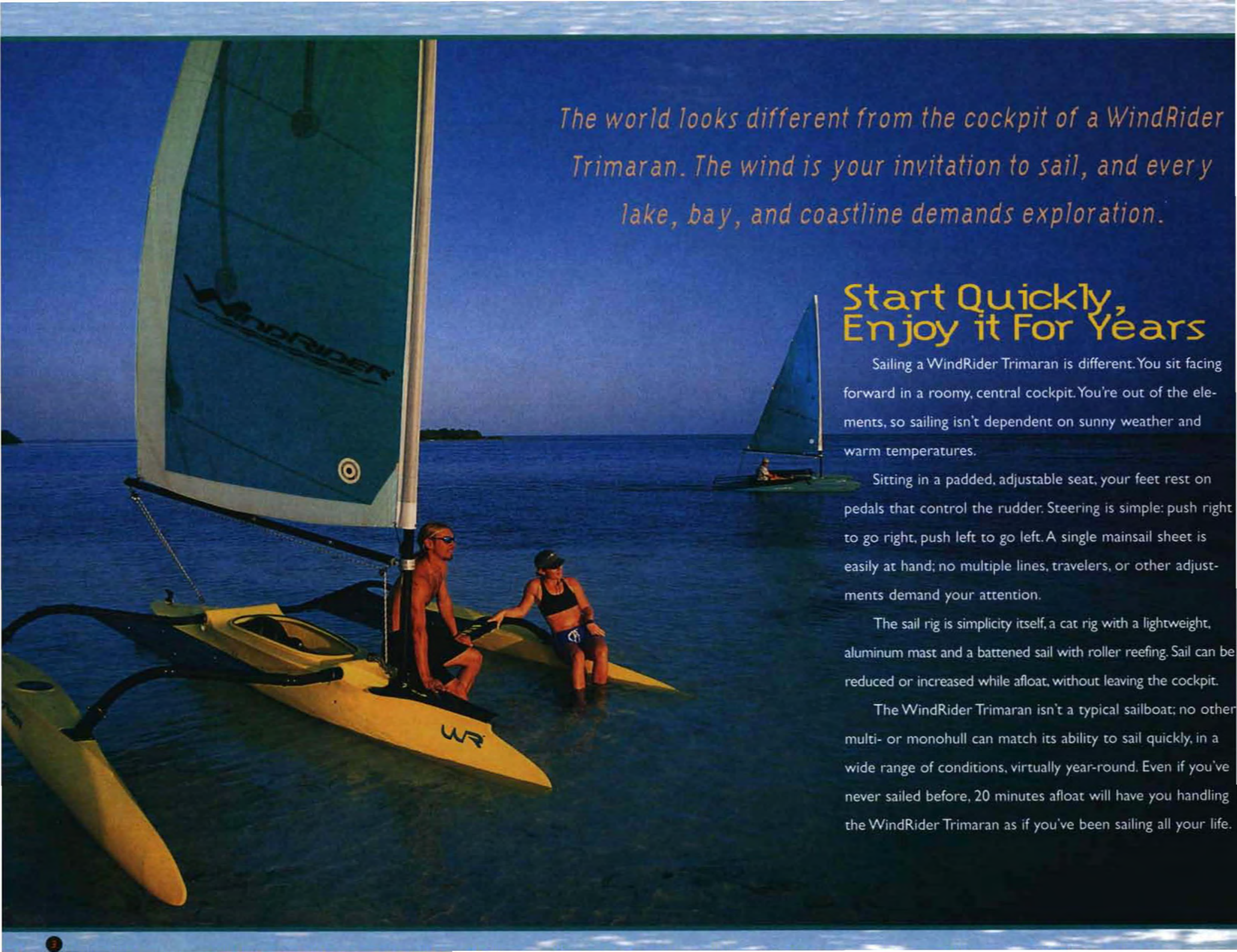


Unconventional Boats, Unconventional Company

WindRider isn't your average sail boat manufacturer. We're sailors, kayakers, mountaineers and climbers who share a love of the outdoors. Since 1985 our kayak division, Wilderness Systems, has built tens of thousands of composite and polyethylene kayaks. We were one of the first kayak builders to recognize the unique possibilities of sail power; now, we're proud to offer two sailboats that showcase our commitment to innovation.

the company

Order the WindRider Trimaran, WindRider Rave, and Evolution of a Modern Multihull videotapes.
See your WindRider dealer or call 1-800-311-SAIL.



The world looks different from the cockpit of a WindRider Trimaran. The wind is your invitation to sail, and every lake, bay, and coastline demands exploration.

Start Quickly, Enjoy it For Years

Sailing a WindRider Trimaran is different. You sit facing forward in a roomy, central cockpit. You're out of the elements, so sailing isn't dependent on sunny weather and warm temperatures.

Sitting in a padded, adjustable seat, your feet rest on pedals that control the rudder. Steering is simple: push right to go right, push left to go left. A single mainsail sheet is easily at hand; no multiple lines, travelers, or other adjustments demand your attention.

The sail rig is simplicity itself, a cat rig with a lightweight, aluminum mast and a battened sail with roller reefing. Sail can be reduced or increased while afloat, without leaving the cockpit.

The WindRider Trimaran isn't a typical sailboat; no other multi- or monohull can match its ability to sail quickly, in a wide range of conditions, virtually year-round. Even if you've never sailed before, 20 minutes afloat will have you handling the WindRider Trimaran as if you've been sailing all your life.

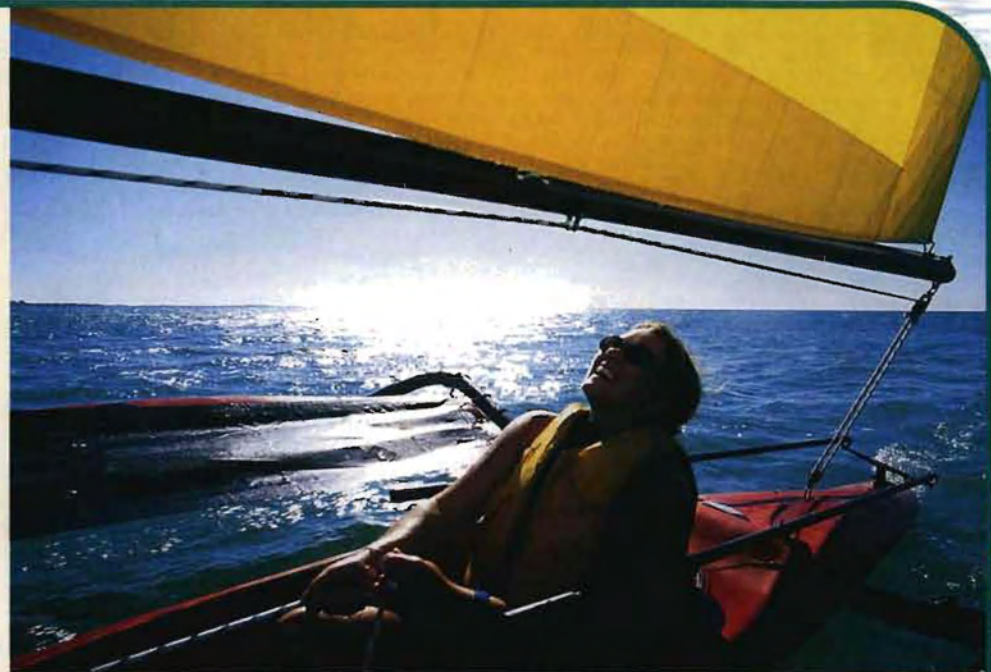
Performance Design, Practical Construction

Jim Brown (who you'll meet later) combined modern technology with the lessons of history to create the WindRider Trimaran. Slender, patented* wave-piercing hulls knife through the water rather than lifting over them. There's no drama or interruption of your forward momentum. Because the wind's angle doesn't change and cause momentary luffing of the sail, the WindRider Trimaran continues to power along. And, with little wetted surface to cause drag, every puff of wind is turned into acceleration.

Arched crosstubes clear wave tops and carry lightweight outriggers that give the WindRider Trimaran a wide, aggressive stance. Heeling is minimal, and capsize almost impossible. Optional trampolines and tiller extensions allow passengers to ride or sail the boat from outside the cockpit.

The WindRider Trimaran's rotationally molded polyethylene hulls require minimal maintenance, are extremely tough and durable, and contribute to low ownership cost. And, our pioneering experience in producing rotomolded hulls, and a lifetime warranty insure that owning a WindRider Trimaran will be a happy experience for years to come.

Cartop or trail your WindRider Trimaran. Adventure travels with you.



windrider™ trimaran

A Boat That's Ready When You Are

The WindRider Trimaran is easily disassembled and reassembled for travel. You can cartop it, or carry and launch it with an optional trailer. Or, leave it at a mooring or on the beach. Whenever you want to sail, the WindRider Trimaran is ready.

Go As Far As Your Imagination Allows

Day sailing, family cruises, weekend island hopping with a load of camping gear – with a WindRider Trimaran it's within reach. It's a boat that brings sailing to life. And that's a difference worth exploring.

*The WindRider Trimaran is covered by US Patent 5,517,934 and US Design Patent D380,187.



Preflight, Then Climb Aboard

You approach the Rave like you would an airplane. Once around Rave to double check rigging and other systems, then you, the pilot, climb aboard. Seated in the rear cockpit, you plant your feet on steering pedals and survey the control lines. The forward cockpit carries an adjustable seat, if you plan to carry a passenger.

If the WindRider Trimaran is a way to touch the magical side of sailing, the WindRider Rave is a serious tool for extracting every bit of speed from the wind. Of course, it has many things in common with the WindRider Trimaran: three slender hulls and a wide beam, central, forward-facing seating, foot-operated steering, and robust but lightweight polyethylene hulls. But, the comparison ends there.

Not Sailing, Flying

Three sharp, wing-shaped foils send a loud message about this boat's mission. You don't sail Rave, you fly it. As speeds enter double digits, the WindRider Rave's hulls leave the water's surface. Drag disappears and speed dramatically increases. Unaffected by waves and chop, Rave smoothly rushes toward speeds that most sailboats could never hope to touch. It's the ultimate magic carpet ride.

Innovation, Technology, and Performance

The WindRider Rave was designed by Dr. Sam Bradfield, former speed sailing world record holder and hydrofoil pioneer, and his associates, Mike McGarry and Tom Haman. With input from our in-house R & D Director, Rick Jones, Dr. Bradfield conceived a craft that follows an unusual path to class-leading performance. It's a marriage of the exotic, the innovative, the high tech, and a touch of common sense engineering. The end result is a boat that is like no other before it, blending speed, reliability, and practicality.

Sheet in and the WindRider Rave quickly accelerates. Rave is designed to spend little time on the hulls. A fully battened mainsail, blade jib with traveler, and optional asymmetrical spinnaker provide plenty of power to get Rave foil borne.

Once in the air, Rave flies level and fast. Clearly routed sheets, self-leveling foils, and simple steering controls allow you to concentrate on your flight path, and not on the boat itself. With flight time, you'll learn to perform flying tacks and gybes, and experience the sensation of high-G turns.

Soon, you'll live for these moments when you can get back in the boat and experience that addicting rush of speed.

A Speed Machine for the Real World

Sailing is seldom about perfect days and calm seas. Chop, waves, shifty, gusting winds, and ever-present boat traffic are all part of the landscape. The WindRider Rave is built for the real world. It's designed to perform in less than optimal conditions, and doesn't require a protected, mirror-smooth lake to fly. Maneuverability is excellent, so Rave can deal with unpredictable traffic.

The WindRider Rave is designed to get you round the buoys or from point to point faster than any other sailboat, even on those days when other sailors are making excuses about conditions.



The WindRider Rave is built to match its mission. Hulls are built of sturdy, dependable polyethylene. Beefy sub frames, fittings, and oversized crosstubes stand up to wind loads.

Strong mylar sails hold shape through many hours of sailing. All hardware is dependable Harken® equipment.

Our attention to detail means that you get exotic performance without exotic cost and maintenance demands. So, you can spend more time sailing and less time working on Rave.

The New Shape of Performance Sailing

The Rave is part of WindRider's trimaran revolution. It's a different, innovative, and unique way to sail. Or, as some speed fanatics see it, it's not sailing at all; it's flying.

Hydrofoils: What They Are, How They Work

Hydrofoils work like airplane wings. They create lift and support the boat's weight. The benefits are obvious: riding on foils, with its hulls clear of the water, a hydrofoil-assisted trimaran has little drag. It accelerates quicker and goes faster than it could on its hulls.

Until a hydrofoil craft accelerates to a high enough speed to generate lift, it is supported by its hulls. Once it reaches lifting speed, the foils climb and the boat rises with it. On Rave, each outrigger foil has a small elevator that controls its pitch.

Jim Brown, Designer of the WindRider™ Trimaran

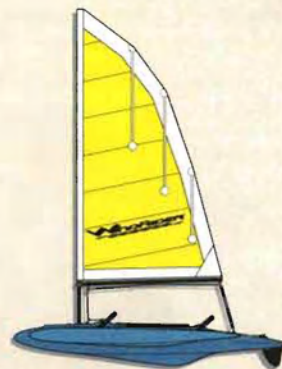


Multihull pioneer, author, teacher, historian, designer, world traveler.

That's the quick biography of Jim Brown, mastermind behind the original WindRider Trimaran. Jim has always followed his own path, and the WindRider Trimaran is an expression of his unique approach to designing sailboats. Look carefully at the WindRider Trimaran and you'll see the influence of kayaks, wave-piercing Polynesian sailing craft, outrigger canoes, and modern multihulls; in Jim's designs, these dissimilar elements come together seamlessly. It's not the typical way, but it's Jim's way. And, the first time you set sail in a WindRider Trimaran, you can tell it works.



WindRider Trimaran



RIGGING

- **Lightweight (23 lbs.) two-piece unstayed aluminum mast**
- **Single, loose footed, luff sleeve, vertical batten, reinforced Dacron™ sail with white UV-resistant border**
- **Standard sail bag for easy storage**
- **Aluminum boom with rotating goose-neck for easy roller furling / reefing around mast**
- **Quality Harken® hardware and all stainless steel fittings**

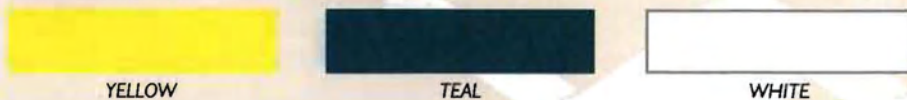
HULLS / COCKPIT

- **Three slender, patented, wave piercing hulls**
- **Constructed of durable, 100% recyclable linear polyethylene**
- **Molded-in graphics**
- **Contoured, padded seat with adjustable backrest**
- **Beckson inspection port with cat bag, mounted in the seat**
- **Sealed outriggers for flotation**
- **Fixed keel**
- **Shark-fin rudder**
- **Beckson inspection ports on both outriggers**
- **Anodized aluminum cross beams**
- **Cartoppable, easily stored components**
- **Molded footrest with adjustable pedals**
- **Cup holder**

LOA	16' 1"
LWL	15' 8"
Beam	12' 7"
Weight	250 lbs.
Total Sail Area	93 sq. ft.
Draft	16"
Weight Capacity	500 lbs.
Designer	Jim Brown
Introduced	1995

The WindRider Trimaran is covered by US Patent 5,517,934 and US Design Patent D380,187.

WINDRIDER TRIMARAN SAIL COLORS



YELLOW

TEAL

WHITE

WINDRIDER TRIMARAN BOAT COLORS



GRANITE AQUA

GRANITE BLUE

GRANITE GREY

GRANITE YELLOW

GRANITE EMERALD

RUBY

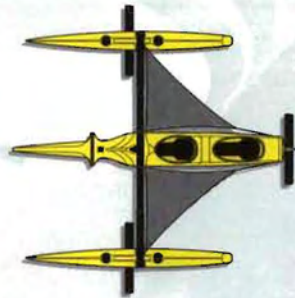
RUBY / MAIZE

SAPPHIRE / MAIZE

Dr. Sam Bradfield, Designer of the WindRider™ Rave



WindRider™ Rave



HULLS / COCKPIT

- Constructed of durable, 100% recyclable linear polyethylene
- Molded-in graphics
- Sealed outriggers for flotation; Beckson inspection ports on each outrigger
- Aluminum, load-bearing space frame
- Single anodized aluminum cross beam
- Adjustable pedals control steering
- Contoured, padded seats with adjustable backrests

HYDROFOILS

- Extruded aluminum, T-shape foils
- Control wands automatically adjust outrigger foils' angles of attack
- Remote releases allow lowering of foils from the cockpit

RIGGING

- Stayed aluminum mast
- Loose footed, battened, reinforced mylar mainsail
- Self-tacking, mylar blade jib with traveler
- All sheets routed to rear cockpit for easy handling
- Quality Harken® hardware

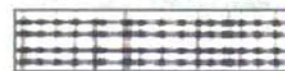
LOA	16'
LWL	16'
Beam (foil tip to foil tip)	17'
Weight	380 lbs.
Total Sail Area (main & jib)	195 sq. ft.
Draft (foils up)	12"
Maximum Weight Capacity	400 lbs.*
Designer	Dr. Sam Bradfield
Introduced	1998

Specifications are subject to change without notice.
*Actual foil borne weight capacity may be less, depending on wind speeds.

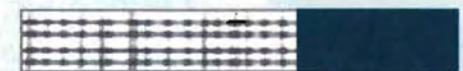
Unless you live in the esoteric world of speedsailing, Dr. Sam Bradfield may be the most famous designer you *don't* know. Since he began sailing in the early-60s, Dr. Bradfield has looked for ways to make sailboats faster. His expertise in fluid dynamics and advanced wind powered watercraft – don't call him a naval architect – eventually led to hydrofoils and the design of *nf* (Neither Fish Nor Fowl), a foil trimaran that held the Class C world speed sailing record between 1978 and 1982. After setting outright speed records, Sam and his associates at HydroSail, Inc., Mike McGarry and Tom Haman, set their sights on optimizing hydrofoil systems for racing and practical applications. A perfect match for Rave's design goals, HydroSail brings unparalleled experience to the design of this innovative sailing craft.



WINDRIDER RAVE SAIL COLORS



MYLAR, YELLOW TRIM



MYLAR, TEAL TRIM

WINDRIDER RAVE BOAT COLORS



GRANITE AQUA



GRANITE BLUE



GRANITE GREY



GRANITE YELLOW



Boom Vang



Storage/Flotation Bag



Wind Indicator



WindRider Heavy Weather Cockpit Cover, Hand Tiller



WindRider Logo Cap



Rave Speedometer



Personal Flotation Device



WindRider Sailing Gloves



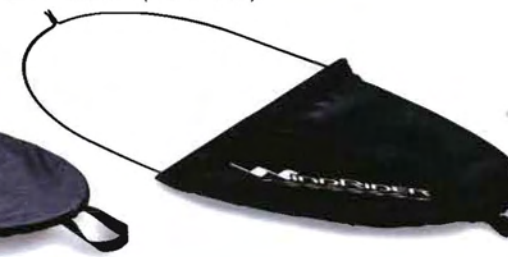
WindRider Sprayskirt, Rave Sprayskirt (not shown)

Rave sprayskirt does not have net or suspenders

WindRider Cockpit Cover, Rave Cockpit Cover (not shown)



WindRider Miniskirt, Rave Miniskirt (not shown)





Rave Windshield
WindRider Windshield (not shown)



Anchor



Bilge Pump



WindRider Trimaran
Deck Mounted
Bilge Pump (Rave Bilge
Pump not shown)



Paddle



Side Rail Pouch



Under Deck
Bag



Deck Mount
Compass



Beach
Dolly



50' & 75' Rescue Bags



WindRider Trimaran
Spray Diverter

Also available, but not shown:

WindRider Rave or WindRider Trimaran Trailers (see photo on page 4)

Rave Reacher (Asymmetrical Spinnaker) Package

Rave Foil Protectors

WindRider Trimaran (photo, page 3) or Rave Trampolines (photo, page 5)

Mesh Stuff Sack with Shoulder Strap (Medium & Large)

Nylon Mesh Duffel Bag (Medium, Large, & X-Large)

Tiller for Physically Challenged Sailors

Motor Mount

Rave Cockpit Tray

Sailing a small boat connects us with our world in an elemental way. We hang on every breath of wind, our spirits rise on each swell, and every sight looks new from our vantage point. We move through our environment without creating a disturbance; but in passing, we are profoundly changed.



WindRider, a Wilderness Systems company

P.O. Box 4339 Archdale, North Carolina 27263
TEL (800)311-SAIL or (336)434-7470 • FAX (336)434-6912
URL <http://www.windride.com>

Canadian Distributor: Tieken Kayaks, Inc.

P.O. Box 110, Head of Chezzetcook, Nova Scotia, B0J-1N0
TEL (902)827-4383 • FAX (902)827-3297
Ontario office (613)382-2531
URL <http://www.marineNS.com/tieken/welcome.htm>

Worldwide Sales

WindRider trimarans and Wilderness Systems kayaks are available through independent distributors and their dealers in Africa, Asia, Australia & New Zealand, Central & South America, and Europe. Call (336)434-7470 to find the distributor in your country.



© WindRider, 1998. PRINTED ON RECYCLED PAPER

BULK RATE
U.S. POSTAGE
PAID
PERMIT #261
High Point, NC