



Mad River Canoe

2008 Product Catalog







History of the Bunny

Native American Micmac Indian legend tells of the rabbit, pipe in hand, sitting secure and confident within the ferns, as his mortal enemy the lynx prowls nearby. The rabbit is confident of his own ability. He knows he has the strength, agility, and intelligence to deal with whatever challenges await. He represents the assurance that your Mad River Canoe is the finest craft of its kind, a canoe in which you can paddle across the pond or into the wilderness with absolute peace of mind.

Company History

Mad River Canoe rose from admittedly humble beginnings to become a leader in the world of canoes. It all began back in 1971 when Jim Henry, out of frustration in not being able to find a canoe to meet his needs, designed and built the first Malecite. Jim took his canoe to the Whitewater National Championships and came home not only with the Downriver National Championship but also a demand for his new canoe. He set up shop in a shed in the backyard of his hillside home in Waitsfield, Vermont overlooking the Mad River and Mad River Canoe was born. Jim and Kay Henry would incorporate Mad River Canoe in 1973 and establish a manufacturing facility for what became a growing line of canoes made from then revolutionary materials such as Royalex® and Kevlar®.

Mad River was among the first companies to mold their own Royalex® canoes and was the first to introduce Kevlar® to the canoe world. Recognition for innovation and execution in design, materials, and workmanship came from inside and outside the world of paddlesports as Mad River has earned 3 "Manufacturer of the Year" awards from Canoe & Kayak magazine (the only manufacturer to do so) as well as multiple blue ribbons for excellence from composite industry associations even when competing against yachts with prices well up in 6 figures.

Mad River in partnership with its' outdoor specialty dealers pioneered innovative marketing and promotional campaigns to spread the gospel of paddling. The national "You Can Canoe Days" program put 3 teams of paddlers on the road, crisscrossing the country, hosting over 150 on-water demo days annually and led to partnerships with such untraditional allies as Chevy Trucks, Winnebago, and Jayco.

Mad River Canoe has a strong history of support and involvement in the protection and preservation of our paddling resources. This attitude began with Jim and Kay's love of wild rivers and continues today with active support of the Northern Forests Canoe Trail and of WREAF (Wilderness River Expedition Artist Foundation) among others.

Mad River Canoe and its' wholly owned subsidiary, Voyageurs' LTD., joined with Wilderness Systems to create Confluence Watersports in 1998, joined shortly thereafter by Wave Sport kayaks of Colorado. In late 2001, Mad River consolidated operations to North Carolina, putting all Confluence brands under one roof. In 2005, Confluence Watersports acquired the Watermark brands, Dagger, Perception, Harmony, and AT Paddles and Mad River Canoe again relocated facilities to Easley, South Carolina.

From its' earliest days, Mad River's never been afraid to shake the box and rattle the status quo. That tradition, begun by Jim and Kay Henry, remains alive today as evidenced by the development of the patented IQ and IQ2 modular gunwale systems and the introduction of the uni-body Adventure and Destiny models as well as the hybrid canoe/sit-on-top Synergy. Through all the changes we remain committed to push ourselves and our "sport" to new levels of performance and reward. We welcome you to join with us.

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VERSATILE CANOES:

Looking for one canoe that will let you do some of everything? Our versatile canoes provide all-round performance with minimal compromise. Each design is balanced to offer competence in a wide range of conditions. If your paddling is a mix of open water and rivers large or small, these canoes will reward you. Our Versatile canoes offer rewarding performance and reassuring seaworthiness in varied conditions, all in one, good for most anything hull.



SYNERGY 12:

Looking for a boat that combines the best in an open canoe and a sit-on-top kayak? The Synergy 12 fits the bill. Deeper and drier than conventional SOT's, the Synergy 12 offers generous, easily-accessible gear storage and comes fully feature-loaded from rod holders to cargo nets to pockets to adjustable backrest over a padded seat, all in an easily handled 12' versatile package.

SPECS:

Length	12' / 366 cm	Width » waterline	288" / 71 cm
Average Weight	60 lbs / 27 kg	Max Capacity	350 lbs / 131 kg

STANDARD FEATURES:

- Multi-chine Hull
- Adjustable Footbraces
- Adjustable Padded Backrest
- Padded Seat
- Mesh Gear Covers (Bow & Stern)
- Recessed Rod Holders (2)
- Paddle/ Rod Holders (2)
- Rod Notches (2)
- Molded Cup Holder
- Cockpit Bungee Tie Down

COLORS:

- Red
- Orange
- Yellow
- Mango
- Sand
- Olive
- Spruce
- Camo
- Blue

OPTIONS:

- Angler Package
- Spray Shields
- Rudder



SYNERGY 14:

All of the attributes that distinguish the 12 plus an extra turn of speed and glide make the Synergy 14 a wise choice for ambitious paddlers. Open fore and aft storage cells facilitate loading and unloading of gear. The 14 makes an admirable solo touring canoe, propelled by your choice of single or double bladed paddle.

SPECS:

Length	14' / 427 cm	Width » waterline	28" / 71 cm
Average Weight	64 lbs / 29 kg	Max Capacity	400 lbs / 149 kg

STANDARD FEATURES:

- Multi-chine Hull
- Adjustable Footbraces
- Adjustable Padded Backrest
- Padded Seat
- Mesh Gear Covers (Bow & Stern)
- Recessed Rod Holders (2)
- Paddle/ Rod Holders (2)
- Rod Notches (2)
- Molded Cup Holder
- Cockpit Bungee Tie Down

COLORS:

- Red
- Orange
- Yellow
- Mango
- Sand
- Olive
- Spruce
- Camo
- Blue

OPTIONS:

- Angler Package
- Spray Shields
- Rudder



ANGLER 14:

Make this your first canoe and experience the versatility of our Shallow Arch Hull. Short and beamy, the Angler 14 provides reassuring stability that will let you focus on your fishing. Ideal "poke-around" canoe for lakes, ponds and an excellent sporting canoe for fishing or hunting. Gunwales in wood, IQ, IQ2 or lightweight aluminum. Shown in IQ2.

SPECS:

Length	13' 11" / 424 cm	Width » waterline	35.5" / 90 cm
Average Weight*	56 lbs / 25 kg	Max Capacity	750 lbs / 340 kg

STANDARD FEATURES:

- Flared Shallow Arch Hull
- Minimal Rocker
- Cane Seats (Buckets on IQ)
- Shaped Ash Carry Yoke (Not in IQ)
- IQ Cupholders (2) (IQ & IQ2 Only)

COLORS:

- Olive

OPTIONS:

- Webbed Seats
- Skid Plates
- Additional Ash Thwart (Not in IQ)
- Flotation Bag Lash System
- Flotation Bag Keeper Strap

*Weight will depend on type of gunwales selected. See page 25 for more details.



EXPLORER 15:

Versatility defined. This nimble tandem for cruising and light touring shines in confused waters. It's also a fine solo expedition and fishing canoe. Manufactured in durable carefree Royalex®. gunwales in wood. IQ or IQ2. Shown in IQ with standard IQ bucket seats..

SPECS:

Length	14' 9" / 450 cm	Width » waterline	33.75" / 86 cm
Average Weight*	62 lbs / 28 kg	Max Capacity	850 lbs / 386 kg

STANDARD FEATURES:

- Shallow Vee Hull
- Moderate Rocker
- Cane Seats (Buckets on IQ)
- Shaped Ash Carry Yoke (Not in IQ)
- IQ Cupholders (2) (IQ & IQ2 Only)

COLORS:

- Red
- Green

OPTIONS:

- Webbed Seats
- Skid Plates
- Additional Ash Thwart (Not in IQ)
- Flotation Bag Lash System
- Flotation Bag Keeper Strap



EXPLORER 16:

Robust Royalex® construction serves well the beginning paddler or the most ambitious. Unrivalled versatility in one hull. This proven hull can deliver you to those remote places you dream about. Gunwales in wood. IQ or IQ2. Shown in IQ2 with optional web seats.

SPECS:

Length	16' / 488 cm	Width » waterline	33" / 84.5 cm
Average Weight*	72 lbs / 32.5 kg	Max Capacity	1100 lbs / 499 kg

STANDARD FEATURES:

- Shallow Vee Hull
- Moderate Rocker
- Cane Seats (Buckets on IQ)
- Shaped Ash Carry Yoke (Not in IQ)
- IQ Cupholders (2) (IQ & IQ2 Only)

COLORS:

- Red
- Green
- Olive

OPTIONS:

- Webbed Seats
- Skid Plates
- Additional Ash Thwart
- Flotation Bag Lash System
- Flotation Bag Keeper Strap



EXPLORER DUCK HUNTER:

Limited low-visual-impact edition of the RX Explorer: olive drab hull in and out trimmed in stained and slotted ash gunwales, stained seats, thwart and yoke makes for a classic presentation as well as an efficient sporting platform. Gunwales in walnut stained wood only.

SPECS:

Length	16' / 488 cm	Width » waterline	33" / 84.5 cm
Average Weight*	72 lbs / 32.5 kg	Max Capacity	1100 lbs / 499 kg

STANDARD FEATURES:

- Shallow Vee Hull
- Moderate Rocker
- Cane Seats
- Ash Tripping Thwart
- Slotted Wood Gunwales
- Stained Wood Gunwales and Seats
- Shaped Ash Carry Yoke (Not in IQ)

COLORS:

- Olive

OPTIONS:

- Skid Plates
- Flotation Bag Lash System
- Flotation Bag Keeper Strap



LEGEND 15:

Class II-III capable compact tandem river tourer, spacious solo tripper, easily handled, stable fisherman's canoe, the Legend 15 has something to offer any paddler. Equally well-suited for tight twisty rocky rivers or serpentine coastal bayou. "Nimble" is probably the most apt description of the Legend 15. Shown in IQ2 with optional web seats.

SPECS:

Length	15' / 458 cm	Width » waterline	33" / 84.5 cm
Average Weight*	63 lbs / 28.4 kg	Max Capacity	850 lbs / 386 kg

STANDARD FEATURES:

- Shallow Arch Hull
- Moderate Rocker
- Cane Seats
- Shaped Ash Carry Yoke
- IQ Cupholders (2) (IQ2 Only)

COLORS:

- Red
- Green

OPTIONS:

- Webbed Seats
- Skid Plates
- Additional Ash Thwart
- Flotation Bag Lash System
- Flotation Bag Keeper Strap



LEGEND 16:

Flared, shallow arched hull translates to a superb river runner/tripper. A well-proven choice for shallow, boisterous rivers with capacity for extended mixed water trips with or without gear. Shown in wood with cane seats.

SPECS:

Length	16' / 488 cm	Width » waterline	33.5" / 85 cm
Average Weight*	73 lb s / 27 kg	Max Capacity	1100 lbs / 499 kg

STANDARD FEATURES:

- Shallow Arch Hull
- Moderate Rocker
- Cane Seats
- Shaped Ash Carry Yoke
- Ash Tripping Thwart
- IQ Cupholders (2) (IQ2 Only)

COLORS:

- Red
- Green

OPTIONS:

- Webbed Seats
- Skid Plates
- Additional Ash Thwart
- Flotation Bag Lash System
- Flotation Bag Keeper Strap



*Weight will depend on type of gunwales selected. See page 25 for more details.



FREEDOM SOLO:

In many people's opinion, the perfect solo river-running boat for day trips or expeditions. Durable Royalex® handles extremes of running loaded through rapids, and is just as confident surfing a hole. Gunwales in wood, IQ or IQ2. Shown in IQ2 with cane seat.

SPECS:

Length	14' 6" / 442 cm	Width » waterline	29" / 74 cm
Average Weight*	55 lbs / 25 kg	Max Capacity	750 lbs / 340 kg

STANDARD FEATURES:

- Shallow Vee Hull
- Moderate Rocker
- Cane Seat (Bucket in IQ)
- Thwarts (2)
- IQ Cupholder (IQ & IQ2 Only)

COLORS:

- Red
- Green

OPTIONS:

- Webbed Seats
- Skid Plates
- Flotation Bag Lash System
- Flotation Bag Keeper Strap
- Ready-To-Go Outfitting
- Ready-To-Go Outfitting Upgrade



FREEDOM 17:

Got a lot of gear to haul? This is our most versatile "big" canoe, a river-tripping loadmaster with good tracking and surprising maneuverability. Nice, dry ride, too. Gunwales in wood, IQ or IQ2. Shown in wood with cane seats.

SPECS:

Length	17' / 518 cm	Width » waterline	34" / 86 cm
Average Weight*	79 lbs / 36 kg	Max Capacity	1200 lbs / 544 kg

STANDARD FEATURES:

- Shallow Vee Hull
- Moderate Rocker
- Cane Seats (Buckets in IQ)
- Shaped Ash Carry Yoke (Not in IQ)
- Ash Tripping Thwart (Not in IQ)
- IQ Cupholders (2) (IQ & IQ2 Only)

COLORS:

- Red
- Green
- Olive

OPTIONS:

- Webbed Seats
- Skid Plates
- Additional Ash Thwart (Not in IQ)
- Flotation Bag Lash System
- Flotation Bag Keeper Strap



*Weight will depend on type of gunwales selected. See page 25 for more details.



STAGNET AT HELEN FALLS
MADE RIVER, MINNAPOLIS
SEPTEMBER 17, 2006
R. M. Mullen



July 14, 2007
View east into Thunder Bay
from the (headwaters) of the
Lake Superior
J. L. Courteau



WILDERNESS RIVER EXPEDITION ART FOUNDATION:

WILDERNESS RIVER EXPEDITION ART FOUNDATION (WREAF)

Mad River is proud to be the sole canoe sponsor of WREAF. WREAF is dedicated to the preservation of wilderness rivers via the unique approach of exposing world renowned artists to the wonders of wild rivers and delivering that message to the public via art inspired by these journeys. Conceived by noted artist Rob Mullen, WREAF sponsors multiple annual expeditions, resulting in exhibits at premier museums to spread the "gospel" of wilderness rivers. Participants paddle in custom-decked Mad River Horizon 17s and are in good hands on the river, led by noted paddlers Gary and Joanie McGuffin, whose photography beautifully complements the talents of artists such as Robert Bateman, Jean-Louis Courteau, Lindsay Foggett, Lee Kromschroeder, Mullen, and others. Check out www.wreaf.com to learn more about this innovative approach to wilderness river preservation and sample the art inspired thus far. You'll also find an exhibit schedule where you can view these masterpieces up close and personal.

WREAF has sponsored journeys on the George River in northern Quebec (2006), the north shore of Lake Superior within the newly established Lake Superior National Marine Conservation Area (2007). Pending expeditions include Northwest Ontario, the Lake Kamesastin/headwaters of the George during the May and October caribou migrations, and along select portions of the Northern Forest Canoe Trail (see page 16 for more info on the NFCT and Lake Superior Marine Conservation Area).



RECREATIONAL CANOES:

How do you define a "recreational" canoe? It's tough simply because the very nature of a canoe is to be versatile and capable. Perhaps a better way to describe these boats is as value-driven. The canoes you'll find in this section are designed to provide top performance and capability for the dollar. Designed to require minimal maintenance and provide maximum fun for the buck, they're ideal for a family out for a casual, relaxing float, for leaving at the lakeside cottage, or for the sportsman looking for a durable stable platform from which to pursue his quarry. These boats are capable of much more (note the Explorer heritage of our 14 & 16TTs) but are friendly to the budget. Perfect for getting started and not easily outgrown as your skills and expectations develop.



EXPLORER 14 TT:

A compact tandem with strong pedigree of versatility. Spacious and stable enough for a family or fishermen, the 14TT also 'goes' and tracks very nicely for a short boat due to a shallow vee hull. Especially well suited for twisty waterways and bays but seaworthy enough to handle chop, wind, and waves with aplomb and confidence.

SPECS:

Length	14' 6" / 442 cm	Width » waterline	34" / 86 cm
Average Weight	72 lbs / 32.5 kg	Max Capacity	850 lbs / 386 kg

STANDARD FEATURES:

- Shallow Vee Hull
- Web Seats
- Shaped Ash Carry Yoke
- IQ Cupholders (2) (IQ & IQ2 Only)

COLORS:

- Red
- Yellow
- Sand
- Olive
- Spruce
- Camo
- Blue



EXPLORER 16 TT:

Manufactured TripleTough™ for years of rugged reliability, this full-size family boat is also a proficient get-away-from-it-all hull. Capacity, stability and sea worthiness: what more could you want? Available with IQ2 gunwales and webbed seats.

SPECS:

Length	16' / 488 cm	Width » waterline	34" / 86 cm
Average Weight	82 lbs / 37.5 kg	Max Capacity	1100 lbs / 499 kg

STANDARD FEATURES:

- Shallow Vee Hull
- Web Seats
- Shaped Ash Carry Yoke
- IQ Cupholders (2) (IQ & IQ2 Only)

COLORS:

- Red
- Yellow
- Sand
- Olive
- Spruce
- Camo
- Blue



ADVENTURE 14:

Sometimes less is more and this is the case with our new Adventure 14. Complete with all the maintenance free durability and creature comforts standard—adjustable padded backrests, storage trays, cup holders, center seat. The 14 delivers enhanced stability and ease of handling on or off the water. Virtually maintenance-free.

SPECS:

Length	14' / 427 cm	Width » waterline	34" / 86 cm
Average Weight	75 lbs / 34 kg	Max Capacity	875 lbs / 397 kg

STANDARD FEATURES:

- Multi-chine Hull
- Adjustable Padded Backrest
- Padded Seats
- Center Seat
- Cupholders
- Gear Tray
- Mesh Pockets
- Padded Carry Handles

COLORS:

- Red
- Yellow
- Sand
- Olive
- Spruce
- Camo
- Blue

ADVENTURE 16:

A breakthrough in value and performance, this rotationally molded polyethylene canoe has integrated all the features you need—contoured seats, adjustable padded backrests, storage, carry handles, and cupholders—at a price that changes everything. Virtually maintenance-free.

SPECS:

Length	16' / 488 cm	Width » waterline	31" / 79 cm
Average Weight	81 lbs / 37 kg	Max Capacity	1000 lbs / 454 kg

STANDARD FEATURES:

- Multi-chine Hull
- Adjustable Padded Backrest
- Padded Seats
- Center Seat
- Cupholders
- Gear Tray
- Mesh Pockets
- Padded Carry Handles

COLORS:

- Red
- Yellow
- Sand
- Olive
- Spruce
- Camo
- Blue

DESTINY:

Brings new performance to rotationally molded canoes. Decidedly asymmetrical hull for increased speed and glide and extended stern to enhance tracking, all without compromising stability. A comfortable, fast, secure canoe with full range of paddler comforts from adjustable backrests to cupholders.

SPECS:

Length	16' / 488 cm	Width » waterline	30" / 76 cm
Average Weight	55 lbs / 25 kg	Max Capacity	950 lbs / 432 kg

STANDARD FEATURES:

- Multi-chine Hull
- Adjustable Padded Backrest
- Padded Seats
- Center Seat
- Cupholders
- Gear Tray
- Mesh Pockets
- Padded Carry Handles

COLORS:

- Red
- Spruce
- Sand





WHITEWATER CANOES:

These are very specialized canoes designed exclusively for spirited play in whitewater. Mad Rivers have claimed more titles and championships in open canoe whitewater than any other canoe, most of them in "stock" boats, not specially built hulls. We've put that dominance to good use in designing boats that excel in the most demanding and turbulent conditions.



OUTRAGE:

If we had a dollar for every victory notched in this canoe...Royalex® construction and proven design give the 190 pound and under paddler a consistent, high-performance play boat with solid hull speed and excellent upstream performance. Gunwales in wood or IQ2 with 2 thwarts standard. Shown with Ready-To-Go factory installed outfitting in IQ2.

SPECS:

Length	12' / 366 cm	Width » waterline	26.5" / 67 cm
Average Weight*	52 lbs / 23.5 kg	Max Capacity	425 lbs / 193 kg

STANDARD FEATURES:

- Shallow Arch Hull
- Extreme Rocker
- Ash Thwarts (2)
- IQ Cupholders (IQ2 Only)

COLORS:

- Cobalt

OPTIONS:

- Skid Plates
- Flotation Bag Lash System
- Flotation Bag Keeper Strap
- Ready-To-Go Outfitting
- Ready-To-Go Outfitting Upgrade



OUTRAGE X:

Paddlers 190 pounds and up will appreciate this playboat, which features the same sophisticated hull design as the Outrage in a package for the larger-sized paddler. Gunwales in wood or IQ2 with 2 thwarts standard.

SPECS:

Length	13' / 396 cm	Width » waterline	27" / 69 cm
Average Weight*	53 lbs / 24 kg	Max Capacity	550 lbs / 250 kg

STANDARD FEATURES:

- Shallow Arch Hull
- Extreme Rocker
- Ash Thwarts (2)
- IQ Cupholders (IQ2 Only)

COLORS:

- Tobasco

OPTIONS:

- Skid Plates
- Flotation Bag Lash System
- Flotation Bag Keeper Strap
- Ready-To-Go Outfitting
- Ready-To-Go Outfitting Upgrade



CAPTION:

The Caption is the kind of boat that created an instant rapport with paddlers when introduced and remains the benchmark for open canoe tandem whitewater playboats. With full 5" or rocker, flare at the ends, the Caption has the speed you need and the agility when the situation demands. Gunwales in wood or IQ2 with 2 thwarts standard.

SPECS:

Length	14' / 428 cm	Width » waterline	30.5" / 77 cm
Average Weight*	58 lbs / 27 kg	Max Capacity	850 lbs / 386 kg

STANDARD FEATURES:

- Shallow Arch Hull
- Extreme Rocker
- Ash Thwarts (2)
- IQ Cupholders (IQ2 Only)

COLORS:

- Red
- Green

OPTIONS:

- Skid Plates
- Additional Ash Thwart
- Flotation Bag Lash System
- Flotation Bag Keeper Strap

*Weight will depend on type of gunwales selected. See page 25 for more details.



TOURING CANOES:

Whether it be a summer long expedition in northern Canada, a week's vacation in the Boundary Waters of Minnesota, or a weekend getaway on local waters, our touring canoes are up to the task. These hulls are designed for paddling efficiency with a healthy dose of capacity for good measure. Add in solid stability and hulls with an emphasis on running dry when loaded and you've defined the "touring" canoe. But don't sell them short, they're very rewarding for more casual, spur-of-the-moment paddling. Never heard anyone complain that their canoe is too fast.



EXPLORER KX:

The premier boat in our line. Exquisitely light and stiff Kevlar makes long portages seem shorter; its fine lines and entry make short work of long open water stretches. Gunwales in aluminum, wood or IQ. Shown in IQ.

SPECS:

Length	16'4" / 498 cm	Width » waterline	33" / 84 cm
Average Weight*	54 lbs / 27 kg	Max Capacity	1100 lbs / 499 kg

STANDARD FEATURES:

- Shallow Vee Hull
- Moderate Rocker
- Cane Seats (Buckets on IQ)
- Shaped Ash Yoke (Not on IQ)
- IQ Cupholders (2) (IQ Only)

COLORS:

- Red
- Green
- Sand
- White
- Mercury
- Blue

OPTIONS:

- Webbed Seats
- Skid Plates
- Additional Ash Thwart (Not on IQ)
- Flotation Bag Lash System
- Flotation Bag Keeper Strap



MALECITE:

This classic touring canoe is our best for combining solo and tandem paddling. Fast, efficient, sleek and sexy in Kevlar® construction. Malecite's flared dry hull maintains its composure in chop and waves. Gunwales in wood, aluminum or IQ. Shown in IQ.

SPECS:

Length	16' 5" / 366 cm	Width » waterline	32.25" / 82 cm
Average Weight*	51 lbs / 23 kg	Max Capacity	850 lbs / 386 kg

STANDARD FEATURES:

- Shallow Vee Hull
- Moderate Rocker
- Cane Seats (Buckets on IQ)
- Shaped Ash Yoke (Not on IQ)
- IQ Cupholders (2) (IQ Only)

COLORS:

- Red
- Green
- Sand
- White
- Mercury
- Blue

OPTIONS:

- Webbed Seats
- Skid Plates
- Additional Ash Thwart (Not on IQ)
- Flotation Bag Lash System
- Flotation Bag Keeper Strap
- Center Seat Lash

*Weight will depend on type of gunwales selected. See page 25 for more details.



HORIZON 15:

There's good cargo capacity, and the sophisticated, asymmetrical Shallow Arch hull feels solid underfoot while delivering surprising speed for a short boat. Compact and capable as a solo or tandem. Gunwales in wood, aluminum, IQ or IQ2. Shown in IQ.

SPECS:

Length	15'2" / 462 cm	Width » waterline	32.25" / 82 cm
Average Weight*	56 lbs / 25kg	Max Capacity	750 lbs / 340 kg

STANDARD FEATURES:

- Shallow Arch Hull
- Minimal Rocker
- Cane Seats (Buckets on IQ)
- Shaped Ash Carry Yoke (Not on IQ)
- IQ Cupholders (2) (IQ & IQ2 only)

COLORS:

- Green
- Sand

OPTIONS:

- Webbed Seats
- Skid Plates
- Additional Ash Thwart (Not on IQ)
- Flotation Bag Lash System
- Flotation Bag Keeper Strap



HORIZON 17:

Our fastest RoyaleX® performance hull. The asymmetrical Shallow Arch design, voluminous capacity and initial stability make this canoe a pleasure to paddle distances. Gunwales in wood, aluminum, IQ or IQ2. Shown in IQ.

SPECS:

Length	16'9" / 511 cm	Width » waterline	33.25" / 84 cm
Average Weight*	66 lbs / 30 kg	Max Capacity	1100 lbs / 499 kg

STANDARD FEATURES:

- Shallow Arch Hull
- Minimal Rocker
- Cane Seats (Buckets on IQ)
- Shaped Ash Carry Yoke (Not on IQ)
- IQ Cupholders (2) (IQ & IQ2 only)

COLORS:

- Green
- Sand

OPTIONS:

- Webbed Seats
- Skid Plates
- Additional Ash Thwart (Not on IQ)
- Flotation Bag Lash System
- Flotation Bag Keeper Strap



REFLECTION 17:

Our longest hull at 17'4", the Reflection 17 is well suited for everything from multi-day tripping to family use. Reassuring stability and surprising maneuverability combine with large capacity to make it hard to classify the Reflection 17. Add in attributes such as speed and dryness and no matter how you plan to use it, it's a winner.

SPECS:

Length	17'4" / 511 cm	Width » waterline	33" / 84 cm
Average Weight*	68 lbs / 31 kg	Max Capacity	900 lbs / 408 kg

STANDARD FEATURES:

- Shallow Arch Hull
- Minimal Rocker
- Cane Seats (Buckets on IQ)
- Shaped Ash Carry Yoke (Not on IQ)
- IQ Cupholders (2) (IQ & IQ2 only)

COLORS:

- Green
- Sand

OPTIONS:

- Webbed Seats
- Skid Plates
- Additional Ash Thwart (Not on IQ)
- Flotation Bag Lash System
- Flotation Bag Keeper Strap



NORTHERN FOREST CANOE TRAIL:

Recommended as one of North America's top water trails by the American Canoe Association, the NFCT consist of a series of interconnected lakes big and small, quiet streams, and rivers both boisterous and serene. With marked portage trails, access points, and overnight sites, the landscape varies from rural to pastoral to wilderness. A trip along the NFCT not only takes your through the waters of New York, Vermont, Quebec, New Hampshire, and Maine, but also through history as much of the trail follows the historic "highways" and thoroughfares of both the indigenous peoples and the settlers that followed.

Brought to life by Rob Center and Kay Henry, former marketing and management principals of Mad River Canoe, the NFCT has been nurtured by an alliance of people, agencies, and organizations who share the appreciation of our natural heritage and the pressing need to protect and foster its' benefits. The trail is maintained by community-based stewardship organizations and volunteers, in cooperation with the nonprofit Northern Forest Canoe Trail membership organization. To learn more about the NFCT visit www.northernforestcanoetrail.org, call (802) 496-2285, or write to P.O. Box 565 Waitsfield, Vermont 05673.



LAKE SUPERIOR NATIONAL MARINE CONSERVATION:

On October 25, 2007, approximately 6,000 square miles (10,850 square kilometers) of the world's largest expanse of freshwater was officially designated by the Canadian Prime Minister as the Lake Superior National Marine Conservation Area (LSNMCA). The Lake Superior NMCA has been nearly two decades in the making and represents an important shift toward conserving a "wild" Lake Superior coast for the region's future economic prosperity.

Gary and Joanie McGuffin, authors, photographers, journalists, and conservationists were among the first to initiate the push for environmental protection of Lake Superior's North Shore. "Twenty-five years ago while Gary and I were crossing Canada by canoe, we discovered a paddling paradise in the north shore islands of Lake Superior", says Joanie McGuffin. "We camped among the islands and explored the rugged shores. This first taste hooked us for life on a love for this region. We've returned to the area a number of times. In 1989, it was both beginning and end of our 3 month canoe circumnavigation of Lake Superior. And last summer, we guided a WREAF expedition along the North Shore through the heart of the LSMNCA."

The Lake Superior NMCA is a vast area bounded by the Ontario shore of Superior extending to the US-Canada border near Isle Royale National Park. It is a paddler's paradise consisting of hundreds of islands, shoals, bays, cliffs and beaches supporting a staggering abundance of flora and fauna, some representative more of the northern Boreal forest than a lakeshore just north of the border.

For more information on the LSMNCA, check out the Parks Canada website: www.pc.gc.ca, and/or that of the Lake Superior Conservancy and Watershed Council: www.lscwc.org.

CANOE DESIGN

ELEMENTS OF CANOE DESIGN:

The task facing a canoe designer is a formidable one. Due to the inherent versatility of the canoe, more is asked of it than any other watercraft. It might be paddled, poled, sailed, rowed, or motored. It must be light enough to be lifted, carried or portaged, yet stout enough to stand up to considerable abrasion and impact and able to transport 20 times its weight or more. On top of all that, it should be fun and stimulating to paddle.

Mad River offers canoes in a wider variety of designs than any other manufacturer. We opt for the specific design elements that will enhance the design purpose of that particular canoe, whether it be the shallow vee of the versatile Explorers and Freedoms or the shallow arch in the cruising Horizons and Outrage whitewater playboats.

In discussing the elements of canoe design, it is absolutely key to remember that it is the interplay of the various elements that determines a canoe's performance and it is the art of the canoe designer that makes the whole far more than the sum of its component parts. What's best for a whitewater canoe is diametrically opposed to what's most desirable for a flat water canoe. Trade offs are inevitable. It's the designer's art and skill in reconciling all the aspects of canoe designs that determines the canoe's performance.

There's no way to do justice to all the details of canoe design here. You'll find summaries of the advantages and disadvantages of various elements. For more detailed information visit www.madrivercanoe.com.

BEAM (WIDTH):

Measured at the widest point of the canoe and largely impacts stability and speed. The most common reference is width at the gunwales but an often more telling dimension is width at the waterline as this will determine the amount of effort required to move the boat through the water.

NARROW (33" OR LESS):

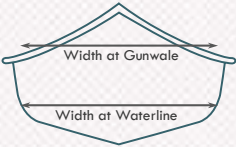
- Pros
- Speed
 - Paddling efficiency
- Cons
- Lower initial stability

MEDIUM (34 - 37"):

- Pros
- Good blend of speed, stability, and capacity
 - Versatility: can be paddled solo or tandem
- Cons
- Speed/glide falls below narrow canoe
 - Initial stability lower than a wide canoe

WIDE (38" OR MORE):

- Pros
- Higher initial stability
 - Stable platform for fishing, photography, etc.
- Cons
- Slow
 - Poor glide
 - Farther reach to water
 - Difficult to paddle solo



LENGTH:

Measured stem to stem and is the most straightforward of all the aspects of canoe design. In terms of versatility, canoes in and around 16' are preferred. Large enough to be paddled tandem with a load or soloed on occasion and fast enough for touring yet nimble enough to work their way down a twisty stream. Canoes with emphasis on cruising speed tend to be longer while whitewater canoes shorter with a premium on maneuverability.

SHORT (14' OR LESS):

- Pros
- Increased maneuverability
 - Higher initial stability
 - Nimble and responsive to turning strokes
- Cons
- Slower
 - Less glide or carry
 - Poor tracking

MEDIUM (14.5' - 17'):

- Pros
- Moderate speed and glide
 - Can be paddled tandem or solo
 - Moderate maneuverability
- Cons
- Slower than long canoes
 - Less nimble than shorter canoes

LONG (17.5' +):

- Pros
- Faster on open, flat water
 - Better carry or glide between strokes
 - Increased capacity
- Cons
- Less maneuverable or nimble
 - Heavier than short canoe of same material



HULL CROSS SECTION:

To visualize this aspect of canoe design, think about bisecting the canoe from side to side. Hull Cross Section can impact canoe performance in a number of ways from stability to maneuverability to speed. Canoes usually feature one of three hull cross sections: Flat, Shallow Arch, and Shallow Vee. Note that both Shallow Arch and Vee can vary in terms of degree or angle.

SHALLOW VEE:

Explorer, Explorer 15, Explorer 16TT & 14TT, Freedom 17, Malecite

PROS & CONS:

- Pros
- Most versatile hull cross section
 - Highest final stability
 - Superior rough water performance
 - Better tracking
 - Superior rigidity for increased hull efficiency
 - Can be "tuned" (track: paddle straight up; maneuver: lean hull into turn)
- Cons
- Wear concentrated at point of Vee
 - Lower initial stability
 - Slower than shallow arch in calm conditions



FLAT BOTTOM:

PROS & CONS:

- Pros
- High initial stability
 - Maneuverable
- Cons
- Poor final stability
 - Poor structural integrity
 - Slow
 - Unpredictable if leaned or in waves
 - Stability reduced as load increases
 - Tends to invert (oilcan) unless reinforced or heavily built



SHALLOW ARCH:

Horizon 15 & 17, Adventure 14 & 16, Freedom Solo, Legend 15 & 16, Outrage, Outrage X, Caption, Destiny, Synergy 12 & 14, Angler 14.

PROS & CONS:

- Pros
- Paddling efficiency & speed in calm conditions
 - Higher final stability than flat bottom
 - Maneuverable when combined with moderate to extreme rocker
- Cons
- Performance degrades in rough waters
 - Lower final stability than shallow vee



SIDE PROFILE:

Refers to the form of the side of the canoe looking at it from one end. Canoe sides can be straight, flared, (wider from waterline to gunwale) or tumble-home (narrower at gunwale than at waterline). A canoe can actually feature all three profiles from end to end with flare at bow, tumble-home at center and straight at the stern. The primary factors in determining choice of side profile are stability, paddling efficiency, and ability to shed waves and water. The amount of flare or tumble-home can vary from model to model.

STRAIGHT:

Freedom Solo

PROS & CONS:

- Pros
- Maintains final stability
 - Moderately dry vs. side waves
- Cons
- In deep hulls makes for long reach to water
 - Subject to windage



TUMBLE HOME:

PROS & CONS:

- Pros
- Allows more efficient paddle stroke
 - Preferable for flat/calm water solos
- Cons
- Reduces final stability
 - Wet vs side waves as water will follow curve of hull up side



FLARED:

Explorer, Explorer 15, Explorer 16TT & 14TT, Freedom 17, Legend 16, Malecite, Angler 14, Caption, Synergy 12 & 14

PROS & CONS:

- Pros
- Driest side hull profile
 - Increases final stability
 - Allows for narrower waterline for increased efficiency and speed
- Cons
- Reduced paddling comfort and efficiency (farther reach to water)

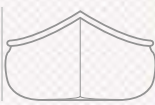


TUCKED:

Horizon 15 & 17, Outrage, Outrage X, Legend 15, Adventure 14 & 16, Destiny, Reflection

PROS & CONS:

- Pros
- Moderately dry
 - Maintains final stability
 - Protects gunwales from side impact or abrasion
- Cons
- Reduced paddling comfort and efficiency (farther reach to water)



CANOE DESIGN

SYMMETRY:

Symmetry refers to the shape of the canoe viewed from overhead. Canoes can be symmetrical or asymmetrical. Asymmetrical canoes can be fish-form with widest point ahead of center or swede-form with widest point behind center.

SYMMETRICAL:

Explorer, Explorer 15, Explorer 16TT & 14TT, Freedom 16, 17 & Solo, Legend 15 & 16, Malecite, Adventure 14 & 16

Pros

- Predictable handling
- Can be paddled in reverse for better trim with adult/child paddlers or solo paddler

Cons

- Slower than swede-form hull



ASYMMETRICAL - SWEDE FORM:

Horizon 15 & 17, Destiny, Synergy 12 & 14, Reflection 17

Pros

- Enhanced forward speed
- Enhanced glide

Cons

- Can't be paddled backwards without some performance degradation in speed and glide
- Can be wet when paddling into waves



ASYMMETRICAL - FISH FORM:

Outrage, Outrage X, Caption

Pros

- Improved buoyancy over drops
- Increased dryness and wave deflection

Cons

- Slow
- Decreased glide



KEEL LINE:

A canoe's keel line is the profile of the hull bottom running from stern to stern, best seen by standing back and viewing the canoe from the side. The keel line can range from straight or level to highly arched or rockered (think of the runner on bottom of a rocking chair). We classify canoes that have less than 2" of rocker as slightly rockered. Models with rocker ranging from 2" to 3" are considered moderately rockered and those with over 3" of rocker as extremely rockered.

SLIGHTLY ROCKERED:

Horizon 15, Horizon 17, Angler 14, Adventure 16, Adventure 14, Malecite, Destiny, Synergy 12 & 14, Reflection 17



MODERATELY ROCKERED:

Explorer, Explorer 15, Explorer 16TT, Explorer 14TT, Freedom 17, Freedom Solo, Legend 15, Legend 16



EXTREMELY ROCKERED:

Outrage, Outrage X, Caption



PROS & CONS:

Pros

- Enhanced tracking, speed

Cons

- Limited maneuverability

PROS & CONS:

Pros

- Good balance between maneuverability and speed
- Most versatile keel line

Cons

- Reduced tracking than straight keel
- Reduced speed than straight keel
- Less maneuverable than highly rockered

PROS & CONS:

Pros

- Enhanced maneuverability

Cons

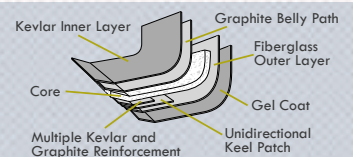
- Poor tracking
- Reduced forward speed



HULL MATERIALS

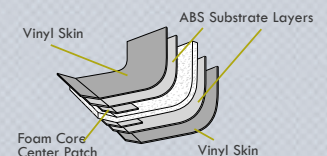
KEVLAR™ KX:

Mad River's been building canoes of Kevlar® aramid fiber longer than anyone else so we know it well. Kevlar's got an awful lot going for it, such as a tensile strength 5 times that of steel. This provides tremendous impact absorption and tear resistance, traits that make Kevlar a choice material for body armor for the military and police. At the same time, Kevlar's not perfect in all respects and over the years Mad River has married the best attributes of Kevlar to a hybrid composite matrix containing fiberglass, graphite, and core material to build the most durable canoes per pound available.



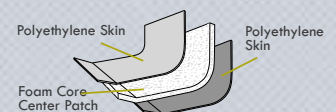
ROYALEX™ RX:

Royalex is a vacuum-formed sheet laminate consisting of external vinyl layers enclosing multiple ABS plastic layers and a foam core. Not all Royalex is the same. Each canoe is made of a specific Royalex sheet designed for the intended use of that canoe. Royalex is very resistant to impact and its moderate weight makes it the preferred material for paddlers wanting to balance durability and weight in demanding conditions. It has "memory," allowing it to distort to absorb impact and then rebound to original form after pressure is relieved. Royalex is repairable should the worst-case scenario ever occur.



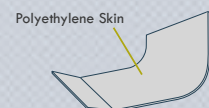
TRIPLETOUGH™ TT:

Mad River's proprietary polyethylene skin/foam/skin hull material produces a tough, durable, maintenance-free, value-priced hull. Foam core provides integral flotation and stiffness. High density linear polyethylene skins provide superior impact protection and are repairable. TT hulls average about 15 - 20% heavier than Royalex and offer similar performance characteristics.



GEN 2™ POLYETHYLENE:

Single solid layer of linear high-density polyethylene is used exclusively in our economically priced Adventure 14-16s. Gen2 has excellent abrasion and impact resistance but if unsupported is too flexible for efficient paddling. Rather than simply put a reinforcing pole down the center of the hull we opted to integrate the hull and deck structure to provide the necessary rigidity and gain the strength available in a uni-body style construction. The result is a very tough and virtually maintenance free hull at a very modest price. Weight is comparable to TT hulls.



IQ ACCESSORIES

SPRAYSHIELDS:

Partial spray covers secured in the exterior IQ channels eliminate need to drill your hull. Available for IQ in tandem, short tandem, and solo editions and for IQ2 in tandem. All sprayshields feature stays to keep cover from sagging in your lap and to resist implosion from waves. Zippered attachment system makes installation and removal a matter of moments and cover can be unzipped and flipped to one side to access gear. Black.

SPREADER TOOL:

IQ and IQ2 canoes come with installed feeder slots that allow access to just about all parts of the boat but the Spreader Tool lets you add slots wherever desired for added convenience or to suit your personal needs. Spreader tools available for either IQ or IQ2 systems and can be used to restore bent or crimped channels as well.

WATERPROOF CHINE BAG:

How long have you been waiting for a dry storage bag that'll always be within arms reach, one that you don't have to tie or lash in? Waterproof zipper makes for easy in and out and 100% reliable dry seal. Features external lash straps to secure paddles, tripods, rods, etc. and D-rings to clip in water bottles, throw ropes, and more. Generous 33" x 10" dimensions provide capacity yet bag tucks away below gunwale. Out of the way but close at hand.

WORKSTATION:

Think of it as a desk, a dinner table, or a work bench with storage capability. 14" x 12" surface provides plenty of room to fix meals, make notes, sort and organize flies, lures, lenses, etc. Station is movable, slide it up close when needed and then away when not. 1400 cu. in. storage provides a lot of room to stow often needed items close to hand. Height adjustable. Fits IQ and IQ2.

CHAMELEON CAMOUFLAGE:

Take full advantage of the interchangeability of the IQ with our camo system. Nicknamed Chameleon as you can change camo patterns to best match habitat and season. 4 piece side drapes and separate top cover are designed to fit any 14' to 17.5' canoe outfitted with IQ or IQ2. Choice of New Break Up or Shadowgrass patterns.

SEAT PAD AND BACKREST:

Enhance the comfort of the IQ contoured seat with our adjustable backrest and seat combination. Wings on backrest are cut low and wrap around to offer positive back support. One of the few backrests that you can actually use while actively paddling. Fits IQ seats only.

REMOVABLE YOKE:

Deluxe cupped yoke that can be attached to IQ or conventional canoes. Aluminum frame with dense neoprene covered foam provides secure carry. Contoured shape keeps boat secure on up and down hill portage trails

CENTER OVERBAG:

Companion piece to the Tandem End Overbag designed to fit in center of canoe much like old-style Wanigans. Adjustable width accommodates canoes of varying beam. Half moon top zipper for easy access to contents. Integral carry handles allow removal without need to unload. Will also fit Voyageur Mini Center float bags or others of similar dimensions (34" x 16"). Fits IQ and IQ2. Black.

GLOVE BOX:

A place to store all those things you need at a moment's notice. Can be positioned beside, in front of or behind the paddler, wherever preferred, and provides 300 cubic inches of storage capacity. Tapered design also allows it to fit alongside of traditional cane or web canoe seats.

TANDEM END OVERBAG:

Designed to hold flotation bags or gear in front of bow paddler or behind stern paddler. Mesh sides and bottom won't capture water. Top zipper for easy access to contents afloat or ashore. Two part zipper installation makes it easy to install or remove and integral carry handles let you lift Overbag and contents and carry to campsite or across portage trail without unloading. Black.

OUTRAGE & OUTRAGE X FLOTATION OVERBAG

Specific bags for both Outrages with either IQ or IQ2 gunwales eliminate need to install eyelets in gunwales or worse, drill through hull to secure flotation bags. Protect bags from abrasion and can be removed or installed in moments. Generous mesh pocket at end with clip-in for throw bags or water bottles. Outrage X bag fits Freedom Solo also. Yellow.

BELLY COVER:

Center cover counterpart to sprayshields. Zippered attachment system makes installation and removal a matter of moments and cover can be unzipped and flipped off to access gear. Stays keep cover crowned to shed rain and resist implosion from waves. One size fits all IQ and IQ2 tandem canoes. Black.

CENTER SEAT MODULE:

Add another seat to your IQ canoe. Fully adjustable to best trim canoe and for height and angle to bring new level of comfort to anyone along for the ride. Easily removed when not needed. Fits IQ system only.



IQ CUP HOLDER:

Slides easily in IQ or IQ2 gunwale systems, is easily positioned where you want it, and works on either side of the boat. Thermo-formed plastic body is tough and lightweight and designed to keep your cup of "Joe" vertical, won't tilt under load. We all know how handy these are in cars, why not canoes?

LASH-IN SYSTEM:

Versatile quick and secure system to lash in gear or flotation. Spaced tie-down loops on webbing runner provide multiple tie-in points and slide in and out of channels with ease. Sold in pairs and can be cut for specific fit. Fits IQ or IQ2. Cord not included.

ADJUSTABLE TIE DOWNS:

Does just what the name suggests, slides in the IQ or IQ2 gunwale and can be moved wherever necessary to secure gear. Multiple cut-outs will accommodate 1" webbing and/or 1/4" diameter cord. Spin knob locks tie down in place and reverses to allow removal or relocation. Sold as set of 4.



IQ ACCESSORIES

TANDEMSPRAYSHIELD



SOLO SPRAYSHIELD



SPREADER TOOL



CHINE BAG



IQ WORKSTATION



CAMOUFLAGE SIDE & TOP DRAPES



SEAT PAD



CENTER OVERBAG



GLOVE BOX



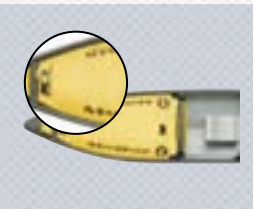
REMOVABLE YOKE



TANDEM END OVERBAG



FLOTATION OVERBAGS



BELLY COVER



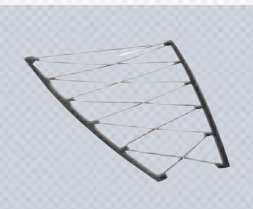
CENTER SEAT MODULE



IQ CUP HOLDER



LASH-IN SYSTEM



ADJUSTABLE TIE DOWNS



ACCESSORIES:

While we're known for our performance canoes, Mad River has long known that proper accessory selection can make or break any outing. Our accessories have been designed from the start to complement and enhance your paddling experience, not compromise it. We know what it takes to get the most out of your Mad River canoe and are proud to provide the tools necessary to make the quality of your experience a reality. A sampling would include:

UNIVERSAL YOKE



BWCA YOKE PADS



TKO PEDESTAL



PLAYBOAT KNEE PADS



SKID PLATE KIT



CONTOURED SEAT PAD



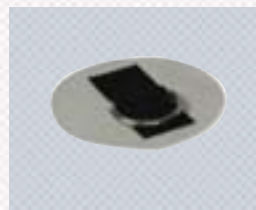
SIDEKICK MOTOR MOUNT



REMOVABLE KNEELING PAD



2" D-RING



COLORS:

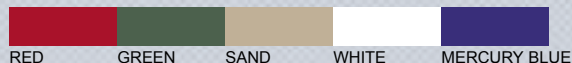
ROTOMOLDED COLORS



ROYALEX COLORS Not all colors available in all models



KEVLAR COLORS



CUSTOM COLORS



For an additional upcharge, composite canoes can be ordered in any custom gel coat color.

A SYNERGY BOW SPRAYSHIELD

Protects against rain and wash; easy on and off with adjustable tension, mounts on boat without modification; stay keeps shield crowned to enhance draining. Black. Sizes to fit Synergy 12 and 14.

B SYNERGY SPRAYSHIELD EXTENDER

Attaches to bow sprayshield via Velcro and extends coverage over legs and center cockpit area, cut low to not interfere with paddling, stayed to keep shape and enhance draining. Requires no modification to hull or additional fittings. Black. Fits Synergy 12 or 14 outfitted with Bow SprayShield.

C SYNERGY STERN SPRAYSHIELD

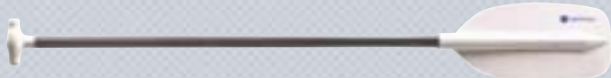
Protects gear from rain, spray, and wash; adjustable tension system requires no modification to existing boat; compatible with rudder system. Black. Sizes to fit Synergy 12 and 14.



DESCENT

Durable injection molded blade is stiff and strong for demanding conditions. Aluminum shafts with "T" grip for maximum control.

Choice of 54, 57, or 60".



BREEZE

Built from start with kids in mind. Child size shaft, grip, and blade; light yet durable with fiberglassed blade to stand up to unintended use and abuse.

Choice of 36 or 44".



MISTRAL

Light and deceptively strong, well suited for mixed water and expeditionary use. Laminated cedar blade with fiberglass overlay for stiffness and durability, oil-finished arced "T" grip for control and daylong comfort, laminated oval shaft.

Choice of 54, 57, or 60." Average weight: 24 ozs.



MISTRAL BENT

A paddle you can live with day in, day out, for weeks at a time. Same features as the Mistral straight in a 10° bent shaft paddle for even more efficiency.

Choice of 48, 50, or 52." Average weight: 23 ozs.



VAPOR

Cedar laminated shaft and blade with carbon powerface, glass overlaid blade with 360° circumferential edge protection make for an extremely light and stiff paddle you don't need to baby. Articulated palm grip fits your hand like a glove.

Choice of 54, 56, 58, or 60." Average weight: 19 ozs.



VAPOR BENT

Almost as much a piece of art as an extremely functional paddle for the enthusiast. All the attributes and advantages of the Vapor in an efficiency enhanced 10° bent shaft that performs as good as it looks.

Choice of 48, 50, or 52." Average weight: 19 ozs.



SHADOW

A classic design tastefully executed in distinctive woods such as walnut and fir. Wrap-around tip protection, ovalled shaft, and modified palm grip for comfort and performance.

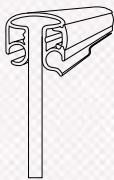
Choice of 54, 57, or 60." Average weight: 27 ozs.



CANOE OUTFITTING

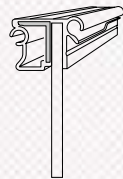
IQ GUNWALE

Aluminum gunwale with dual internal channels to allow repositioning of seats and installation (and removal) of modular accessories. Hidden fasteners for clean sleek appearance and nothing to snag your hand on. Moderately light and very stiff to maximize hull efficiency. Minimal maintenance.



IQ2 GUNWALE

Vinyl gunwale version of the IQ. Features same two internal channels as original IQ and provides same capabilities except for movable seats. Moderate to heavy weight with moderate stiffness with internal aluminum "I" insert. Maintenance free.



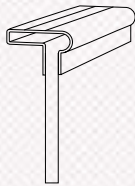
WOOD GUNWALE

To many, there's nothing like a wood gunwaled canoe and Mad River's always been known for the quality workmanship in our wood gunwales. Crafted of native white ash specially selected for long, straight, tight grain providing strength, stiffness, and a touch of flex. Periodic maintenance required. Choice of natural or dark walnut finish.



ALUMINUM GUNWALE FOR ROYALEX CANOES

Slightly "beefier" than our aluminum rail for composite canoes. Designed to minimize weight and maximize efficiency in select cruising Royalex canoes such as the Horizon 15 and 17. Light to moderate in weight and high stiffness. Minimal maintenance.



ALUMINUM GUNWALE FOR COMPOSITE CANOES

Specifically engineered for Kevlar composite canoes for lightest weight and maximum stiffness for efficiency. Proprietary design captures and hides rough edges of fasteners. Light weight with minimal maintenance.



GUNWALES AND WEIGHT

Your choice of gunwales will affect the final weight of your canoe. This is one of the reasons Mad River provides so many gunwale options to choose from. Weights in this catalog reflect canoes outfitted with either IQ2 vinyl or wood gunwales. If lightest possible weight is your priority, opt for canoes with conventional aluminum gunwales such as the Horizon 15 & 17, Reflection 17, Angler 14, Explorer KX or Malecite KX. Savings will vary depending on length of canoe but will average 2 to 3.5 lbs

GUNWALE & SEATING SYSTEM:

Mad River offers more choice in how you want your canoe outfitted than any other manufacturer with 6 gunwale options and 3 seating choices providing more performance and more comfort.

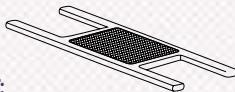
	IQ GUNWALE	IQ2 GUNWALE	WOOD GUNWALE	ALUMINUM RX	ALUMINUM KX	INTEGRAL	IQ SEAT	CANE SEAT	WEB SEAT
VERSATILE									
EXPLORER RX									
EXPLORER 15 RX									
EXPLORER DUCKHUNTER									
FREEDOM SOLO RX									
FREEDOM 17 RX									
LEGEND 15 RX									
LEGEND 16 RX									
ANGLER 14 RX									
RECREATIONAL									
EXPLORER 16 TT									
EXPLORER 14 TT									
ADVENTURE 14									
ADVENTURE 16									
DESTINY									
TOURING									
EXPLORER KX									
MALECITE KX									
HORIZON 15 KX									
HORIZON 16 RX									
REFLECTION									
WHITewater									
OUTRAGE									
OUTRAGE X									
CAPTION									

SEATING:



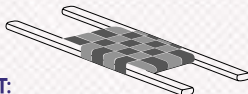
IQ SEAT:

Bucket seat is contoured for stability and can be adjusted for height and for angle for maximum comfort and support. Standard on all IQ outfitted canoes. Not available on IQ2, aluminum or wood gunwaled canoes.



CANE SEAT:

Traditional flat ash framed seat with cane insert. Lightweight and comfortable and cane does not hold or absorb water making for a drier ride. Standard on Royalex and composite canoes with wood, IQ2, or aluminum gunwales. Not available on IQ.



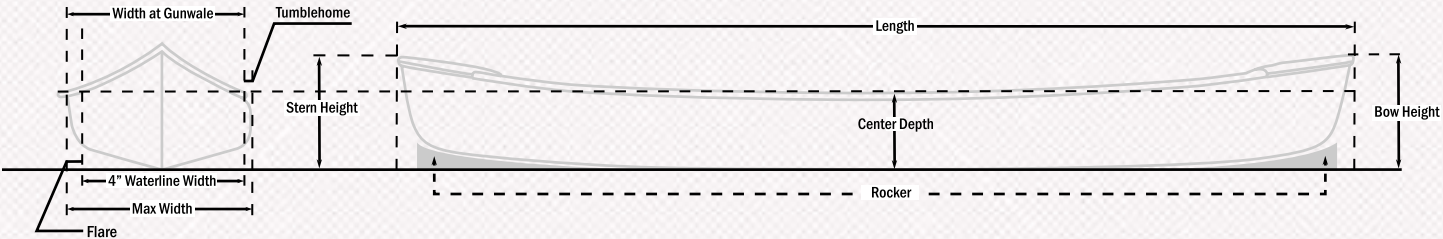
WEB SEAT:

Traditional flat ash framed seat with woven web seating. Provides increased durability over cane at comparable weight. Standard on Explorer 16TT, and 14TT, with vinyl gunwales and optional on Royalex and composite canoes with wood, IQ2, or aluminum gunwales. Not available on IQ.

CANOE SPECIFICATIONS

	LENGTH	WIDTH			DEPTH			ROCKER		CAPACITY*	AVERAGE WEIGHT	IQ SYSTEM
		GUNWALE	@ 4" WATERLINE	MAXIMUM	@ CENTER	@ BOW	@ STERN	@ BOW	@ STERN	6" FREEBOARD		
SYNERGY 12	12' / 366cm	29.25" / 74cm	28" / 71cm	30.75" / 78cm	10" / 25.4cm	14.5" / 37cm	12.25" / 31cm	2" / 5cm	.5" / 1.25cm	350 lbs / 130.5kg	60 lbs / 27kg	N/A
SYNERGY 14	14' / 427cm	28.75" / 73cm	28" / 71cm	30" / 76cm	10" / 25.4cm	14.25" / 36cm	12.25" / 31cm	2.25" / 6cm	1.5" / 3.75cm	400 lbs / 149kg	64 lbs / 29kg	N/A
EXPLORER 15 RX	14'9" / 450cm	35.75" / 91cm	33.75" / 86cm	35.75" / 91cm	14.25" / 36cm	21" / 53cm	20" / 51cm	2.25" / 6cm	2.125" / 5.5cm	850 lbs / 386kg	62 lbs / 28kg	IQ / IQ2
EXPLORER RX Duck Hunter	16' / 488cm	35.25" / 89cm	33.25" / 89cm	35.25" / 89cm	14.5" / 37cm	21" / 53cm	21" / 53cm	2.25" / 6cm	2.125" / 5.5cm	1100 lbs / 499kg	72 lbs / 32.5kg	IQ / IQ2
FREEDOM solo RX	14'6" / 444cm	29" / 74cm	29" / 74cm	30.5" / 77cm	14.25" / 36cm	20" / 51cm	19.5" / 50cm	2.5" / 6cm	2.5" / 6cm	750 lbs / 340kg	55 lbs / 25kg	IQ / IQ2
FREEDOM 17 RX	17' / 518cm	37.25" / 95cm	34" / 86cm	37.25" / 95cm	14" / 36cm	22" / 56cm	22" / 56cm	2.25" / 6cm	2.25" / 6cm	1200 lbs / 544kg	79 lbs / 36kg	IQ / IQ2
LEGEND 15 RX	15' / 458cm	33.5" / 85cm	33" / 84cm	33.5" / 85cm	14.5" / 36cm	22" / 56cm	20" / 50.5cm	2" / 5cm	2" / 5cm	850 lbs / 386kg	63 lbs / 28.4kg	IQ2
LEGEND 16 RX	16' / 488cm	35" / 89cm	33.5" / 85cm	33.5" / 85cm	14.5" / 36cm	22" / 56cm	20" / 50.5cm	2" / 5cm	2" / 5cm	1100 lbs / 499kg	73 lbs / 33kg	IQ2
ANGLER 14 RX	13'11" / 424cm	38" / 96cm	35.5" / 90cm	38" / 96cm	14.25" / 36cm	21" / 53cm	21" / 53cm	.75" / 2cm	.75" / 2cm	750 lbs / 340kg	56 lbs / 25kg	IQ / IQ2
EXPLORER 16 TT	16'3" / 496cm	36" / 91cm	34" / 86cm	36" / 91cm	15" / 38cm	22" / 56cm	21" / 53cm	2.25" / 6cm	2.125" / 5.5cm	1100 lbs / 499kg	82 lbs / 38kg	IQ2
EXPLORER 14 TT	14'6" / 442cm	36" / 91cm	34" / 86cm	36" / 91cm	14.5" / 37cm	22" / 56cm	21" / 53cm	2.25" / 6cm	2.125" / 5.5cm	850 lbs / 386kg	72 lbs / 32.5kg	IQ2
ADVENTURE 14	14' / 427cm	33" / 84cm	34" / 86cm	37" / 94cm	14.5" / 37cm	21" / 53cm	18" / 46cm	1" / 2.5cm	.5" / 1.5cm	875 lbs / 397kg	75 lbs / 34kg	N/A
ADVENTURE 16	16' / 488cm	32.75" / 83cm	31" / 79cm	37" / 94cm	14.75" / 37cm	20" / 51cm	19" / 48cm	1" / 2.5cm	1" / 2.5cm	1000 lbs / 454kg	81 lbs / 37kg	N/A
DESTINY	16' / 488cm	31" / 79cm	30" / 76cm	35.75" / 91cm	15" / 38cm	20.75" / 53cm	17" / 43cm	2" / 5cm	.5" / 1.25cm	950 lbs / 431kg	81 lbs / 37kg	N/A
MALECITE KX	16'5" / 500cm	33" / 84cm	32.25" / 82cm	34.5" / 88cm	13" / 33cm	19" / 48cm	18" / 46cm	1.5" / 4cm	2" / 5cm	850 lbs / 386kg	51 lbs / 23kg	IQ
EXPLORER KX	16' 3" / 495cm	34.5" / 88cm	33.25" / 85cm	34.5" / 88cm	14.5" / 37cm	22.75" / 58cm	21" / 53cm	2.125" / 5.5cm	2.125" / 5.5cm	1100 lbs / 499kg	54 lbs / 24.5kg	IQ
HORIZON 15 RX	15'2" / 464cm	32.75" / 83cm	32.25" / 82cm	34.75" / 88cm	13.75" / 35cm	20.25" / 51cm	19.75" / 50cm	1.75" / 4.5cm	2" / 5cm	750 lbs / 340kg	56 lbs / 25kg	IQ / IQ2
HORIZON 17 RX	16'9" / 511cm	33" / 84cm	33.25" / 84cm	35.25" / 89cm	14" / 36cm	20" / 51cm	17.5" / 44cm	1.5" / 4cm	1.25" / 3cm	1100 lbs / 499kg	66 lbs / 30kg	IQ / IQ2
REFLECTION 17	17'4" / 528cm	33" / 84cm	33" / 84cm	35.5" / 90cm	13" / 33cm	19.5" / 49.5cm	19.5" / 49.5cm	2.25" / 6cm	.5" / 1cm	900 lbs / 408kg	66 lbs / 30kg	IQ / IQ2
OUTRAGE RX	12' / 366cm	25.5" / 65cm	26.75" / 68cm	28.25" / 72cm	15.5" / 39cm	23.5" / 60cm	22.25" / 56cm	5.5" / 14cm	5.75" / 15cm	425 lbs / 193kg	52 lbs / 23.5kg	IQ2
OUTRAGE X RX	13' / 396cm	25.5" / 65cm	27" / 69cm	29" / 74cm	15" / 38cm	24.5" / 62cm	22" / 56cm	6" / 15cm	5" / 13cm	550 lbs / 250kg	53 lbs / 24kg	IQ2
CAPTION	14' / 428cm	30" / 76cm	30.5" / 77cm	32" / 81cm	15.5" / 39cm	23" / 58.5cm	23" / 58.5cm	5" / 13cm	5" / 13cm	850 lbs / 386kg	58 lbs / 26.5kg	IQ2

*Capacity should be used to compare capabilities of different Mad River Canoes only. Not intended for comparison with other manufacturers who may use different reference to determine capacity.





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