

WERNER Paddles



"the ones you see
on the water"

2001



WERNER

Welcome to Werner



At Werner Paddles, our mission is...

- To produce the most valued kayak and canoe paddles in the world.
- To value our reputation for product quality and performance, friendly service, an leadership in our industry.
- To keep our workplace safe, support opportunities, and respect our employees.
- To build strong relationships with our customers and vendors.
- To never compromise our integrity.

Werner Philosophy

At Werner we believe that over-gripping the paddle shaft is one of the most common problems kayakers face. It causes the hands, arms, and joints to fatigue quickly, and over time may cause tendonitis or carpal tunnel syndrome. Over-gripping may be a subconscious effort to overcome a blade that flutters, shaft torque, or simply because a paddle is not sized properly. A well-designed paddle will allow a kayaker to lightly grip the shaft while pulling the blade through the water.

WERNER PADDLES' advanced design minimizes the gripping effort needed to control a paddle by incorporating special design features to create a smooth and stable stroke. To reduce over-gripping due to blade flutter and shaft torque, Werner incorporates a dihedral power-face and the necessary amount of asymmetry into each blade design. Illustration 1 and 2 on the following page explains further how these design features work together to create a smooth and stable stroke, and reduce the need to over-grip your paddle. Of course, there's more to it than this, but we don't want to give away all the secrets that make our paddles perform so well.

Your kayak paddle is the most active piece equipment used while kayaking. The importance of a well-designed and good fitting paddle can easily be underestimated and all paddles are not created equal. Having a good fit means you can enjoy the performance of your paddle with minimum effort and reduced fatigue. To individualize your paddle, Werner offers many paddle lengths, different blade sizes and shapes, as well as different shaft options. Before you spend your hard-earned dollars, ask your local Werner dealer, visit our web site, e-mail, or call us for further help in fitting you with the right paddle.

Photo by Jono Stevens



Construction

All WERNER PADDLES are carefully constructed using a pressure molding process using the highest quality fiberglass or carbon materials and epoxy resins available. The pressure molding process has proven to be superior to other processes in achieving the right balance between weight and durability. Our shafts are constructed from a composite of fiberglass or carbon and epoxy resins as well, and we mold our blades around a light foam core spine creating a lightweight, durable, and well-balanced paddle.

To further reduce the swing weight* and increase the performance of our paddles, we offer each premium model in a carbon fiber construction. Because carbon fiber is a stiffer material than fiberglass, we can use less material and still maintain the desired performance features.

*Swing weight refers to the distribution of weight between the blade and shaft. When you pick up a paddle and mimic a paddle stroke on dry land you are testing its swing weight. The blades should feel light. If you hold a paddle vertically you will test its overall or deadweight. The overall weight of two different paddles may be the same, but the distribution of that weight can be very different. To increase a paddles performance it is important that any weight reduction be in the blades, not the shaft. It is the blades you repeatedly lift during each stroke. So pick up a paddle and swing it, don't base your purchasing decision solely on overall weight.

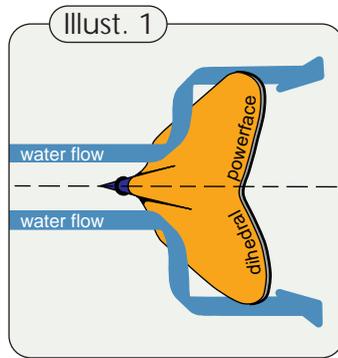
Warranty

WERNER PADDLES are warranted to be free from defects in material and workmanship for one year from the original date of purchase. Within that warranty period all paddles found to have defects will be repaired or replaced at no charge.



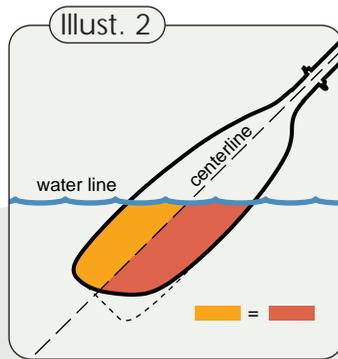
Photo by John Bolivar

Touring Design Features



Dihedral

Illustration 1 shows the flow of water off a dihedral blade. Notice how the powerface is angled from the center of the blade. This angle is called a dihedral. The dihedral angle concept comes from the discovery that a curved plane gives direction to the flow of water off the blade. During a forward stroke water builds up on the powerface of a non-dihedral blade. To expel this buildup a non-dihedral blade will flutter back and forth. Therefore, by adding a dihedral angle to our blade design, water is given direction to flow easily off the blade, minimizing flutter and the gripping effort needed to overcome the flutter.



Asymmetrical

Illustration 2 explains how asymmetry reduces torque. Torque is a twisting motion of the shaft that is caused by unequal pressure on each half of a blade as it enters and exits the water. In illustration 2 the dotted line shows the blade area that was cut away to create an asymmetrical blade shape. Note how the yellow and red colored areas above and below the centerline are virtually equal. This creates near equal amounts of force on each half of the blade as it enters and exits the water. When these forces are equalized, torque is minimized, allowing your paddle to pull smoothly through the water and reducing the need to over-grip your paddle to overcome torque.



Premium Tour



San Juan

The San Juan is our full size premium touring blade specially designed to appeal to larger, stronger, paddlers with a traditional low angle paddling style. The San Juan offers power, while its' light wing weight and blade design efficiently converts a paddler's strength into easily moving your kayak. Whether it's a shoreline you want to explore or a long crossing that must be made, stronger paddlers like the performance of the San Juan's full size blades.



Camano

The Camano is our most popular touring paddle ever. With 85% of the San Juan's area, the Camano's mid-size blades offer the best of both worlds—effortless strokes with enough power for quick acceleration. That's why it's the popular choice of a wide a range of kayakers and ideal for any touring environment you enjoy. If you want exceptional performance in an all around touring paddle, you can't go wrong with a Camano in your hands.



Little Dipper

The Little Dipper features the smallest blades in our premium lineup, offering exceptional performance for petite paddlers or anyone wanting to get away from the stress and strain of larger blades. If your adventure is lengthy, moving the smaller Little Dipper blades are like using low gear on a bike; the smaller blades bite off less water per stroke, requiring less energy to move through the water, allowing you to use a higher cadence with less fatigue. Don't worry, there's plenty of blade for bracing and rolling. (Our Carbon Little Dipper combined with our optional small shaft is the ultimate choice for petite paddlers.)

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Molokai

The powerhouse of our premium line, the Molokai, is designed for strong paddlers wanting big power from a high angle paddling style. From the moment these stout, full size blades enter the water, they efficiently convert your energy into powerful acceleration. You will quickly be moving full steam ahead. The Molokai shines with performance when used with high angle paddle strokes during fitness paddling, surfing, and flat-out racing. Powerful performance describes this paddle best.



Kauai

The Kauai is our most popular high angle touring paddle. It's designed with high angle paddling in mind, but still performs well with low angle strokes. It combines a stout blade for power with a mid-size shape, so a paddler won't fatigue quickly. Each stroke translates into speed with less effort. The Kauai is an ideal choice if you want to play in the surf, cover a lot of miles, do some cross fitness training, or just take in the views. We recommend this paddle for all touring environments.

San Juan		full size blade
Paddle Length	220-260 by 10cm	
Blade Length	56 cm	
Blade Width	17 cm	
Weight for Size	230 cm	
Standard	921 gr	32.5 oz
All Carbon	794 gr	28 oz
Ultra-Light	652 gr	23 oz

Camano		mid size blade
Paddle Length	220-260 by 10 cm	
Blade Length	52 cm	
Blade Width	16 cm	
Weight for Size	230 cm	
Standard	865 gr	30.5 oz
All Carbon	765 gr	27 oz
Ultra-Light	624 gr	22 oz

Little Dipper		small size blade
Paddle Length	220-260 by 10 cm	
Blade Length	48 cm	
Blade Width	15 cm	
Weight for Size	230 cm	
Standard	850 gr	30 oz
All Carbon	751 gr	26.5 oz
Ultra-Light	609 gr	21.5 oz

Molokai		full size blade
Paddle Length	210-230 by 5 cm	
Blade Length	49 cm	
Blade Width	20.5 cm	
Weight for Size	220 cm	
Standard	907 gr	32 oz
All Carbon	794 gr	28 oz
Ultra-Light	638 gr	22.5 oz

Kauai		mid size blade
Paddle Length	210-230 by 5 cm	
Blade Length	47 cm	
Blade Width	18.5 cm	
Weight for Size	220 cm	
Standard	865 gr	30.5 oz
All Carbon	751 gr	26.5 oz
Ultra-Light	609 gr	21.5 oz

Premium Touring Options

Ultra-Light Construction



If lightweight is your goal, the Ultra-Light construction is what you want. Our Ultra-Light lay-up is the epitome of lightweight, weighing in at only 21.5 - 23 ounces, depending on the model you choose. It is constructed with our lightweight carbon blades and a special lightweight carbon shaft. This option is only available in our one piece premium touring models.

Four Piece Paddles



For the traveling paddler we offer a four-piece break down in all our premium touring models. A two-piece is nice for car travel, but they don't fit in carry on luggage. If you have your dream kayak trip planned, why risk having your paddle lost or broken. Our four-piece option allows you to carry your paddle with you when you travel. Happy paddling.

Color Options



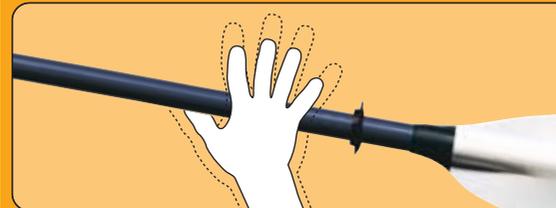
We offer eight bright color options in all our standard premium touring models. Black shaft is standard with all colored paddled. Blue or black shaft can be special ordered. Color options not available in carbon fiber.

Paddle Extensions



If you switch between a canoe, inflatable, or double sea kayak to a single kayak often, our paddle extensions will keep you fitted with the right paddle length without the need to buy two paddles. We offer factory installation of both 20cm and 30cm extension in all our premium touring models.

Small Shaft Option



We offer two diameters in both our fiberglass and carbon shafts—standard diameter and small diameter. Hands come in many sizes so we highly recommend petite paddlers and paddlers that use gloves try our smaller shaft to reduce the need to overgrip a larger shaft.

Paddle Lengths and Style

Selecting a Touring Paddle Length

Selecting the right paddle length is an important and highly individual decision. Your paddle is the most active piece of equipment used while kayaking, and having the right fit can mean the difference between a good paddling experience and a great one. After decades of fitting people with paddles, we offer a simple solution to making a sometimes agonizing and frustrating choice without resorting to complex formulas or standardized grids.

Our experience has shown that a 230cm paddle works best for low angle paddling styles—tall and small kayakers alike. A smaller person generally has a shorter torso, placing them close to the water. Taller people generally have longer torsos and longer arms, allowing the paddle to fall at a similar height above the water as a smaller paddler. This is why a 230cm paddle length works well for a wide range of kayakers. If you are petite or very tall, or use a double kayak, you may want to adjust your paddle length by 10cm.

For high angle paddling we recommend a shorter length of 220cm. The more aggressive strokes used during high angle paddling result in a near vertical stroke and a faster cadence is generally desired. A shorter paddle length is easier to stroke quickly, allowing for a more efficient high stroke rate to be used. If you are petite we recommend reducing the length to 215cm.

Low Angle Paddling

The term low and high angle describes paddling styles in relation to the angle of the paddle to the surface of the water. Generally speaking most sea kayakers will adopt a low angle style of paddling but may switch to a higher angle for a short sprint. A low angle style is commonly used during recreational paddling and in most touring environments. The San Juan, Camano, and Little Dipper are a family of blades designed specifically for low angle paddling. The different blade sizes can be likened to gears on a bike in that they offer varying degrees of resistance and power.

High Angle Paddling

A high angle paddling style is common for aggressive touring, fitness paddling, and racing. When using a high angle style your stroke is nearly vertical in relation to the surface of the water, allowing a faster stroke rate. We recommend shorter paddle lengths and broader blade shape - a shorter length allows for a more efficient stroke rate, while the stout blade shape maximizes power. The Molokai and Kauai were designed for high angle paddling.

Photo by John Bolivar



Premium Whit



Double Diamond

The Double Diamond is an advanced blend of design and construction intended for experienced paddlers who demand the best performance features available. The down-tilting blades provide great initial power and responsiveness while their unique foam core construction creates a light buoyant feel and exceptionally smooth entry and exits from the water. Added to this is Werner's proprietary neutral bent shaft to create a stable leverage point during forward, reverse, or vertical moves. A unique oval has been added for comfort and additional control. All these features combined add up to smooth performance. Are you ready for the best?



Side Kick

Wanna play hard? The Side Kick's full size down-tilting blades were designed with the strong playboater in mind. The downward angle of the blades let each stroke enter the water sooner and respond with maximum power. With less area at the throat, the blades load and unload on command and you won't trip over the blade when making vertical and cross-deck moves, or when tucking in close to your boat. Although the Side Kick was designed for play boating, its powerful blades are well liked by creek boaters as well. Standard with translucent pearl blades and black fiberglass shaft.



Player

Complementing the Side Kick, the Player offers serious play boating features with slightly smaller, less demanding blades. We know playboaters aren't one size fits all, so we designed the Player to allow a wide range of playboaters to have fun. Easy to use, the Player will turn your favorite stretch of river into a new play spot. It's awesome looking too, standard with Sapphire blades and black fiberglass shaft.

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Freestyle



With translucent gold blades and a black fiberglass shaft there's no mistaking the well-balanced Freestyle. Our most popular all around whitewater paddle for years offers asymmetrical blades with just the right amount of tip area to minimize initial stroke overload and make finesse moves, while the large main body gives you the power to shred every part of the rapid. The Freestyle is a popular choice to learn play boating moves or running any class river.



Quest

The Quest, is a long time favorite of beginning white-water boaters and petite paddlers who demand performance. The Quests' blades are designed with plenty of area near the tip for powerful strokes, yet their mid-size allow you to easily step up your stroke rate without the fatigue of a large blade. You won't just dig a hole in the river—you'll make the move! The Quest is offered in eight bright colors.

Double Diamond		full size blade
Paddle Length	194-200 by 3 cm	
Blade Length	48 cm	
Blade Width	19.5 cm	
Weight for Size	197 in	
Carbon Blades	964 gr	34 oz
All Carbon	907 gr	32 oz
Neutral Bent Shaft	1106 gr	39 oz

Side Kick		full size blade
Paddle Length	194-203 by 3 cm	
Blade Length	48 cm	
Blade Width	20 cm	
Weight for Size	197 cm	
Standard	992 gr	35 oz
Carbon Blades	964 gr	34 oz
All Carbon	907 gr	32 oz
FG Neutral Bent Shaft	1162 gr	41 oz
CB Neutral Bent Shaft	1134 gr	40 oz

Player		full size blade
Paddle Length	194-203 by 3 cm	
Blade Length	46 cm	
Blade Width	20 cm	
Weight for Size	197 cm	
Standard	964 gr	34 oz
Carbon Blades	936 gr	33 oz
All Carbon	879 gr	31 oz
FG Neutral Bent Shaft	1134 gr	40 oz
CB Neutral Bent Shaft	1106 gr	39 oz

Freestyle		full size blade
Paddle Length	194-203 by 3 cm	
Blade Length	48 cm	
Blade Width	19.5 cm	
Weight for Size	197 cm	
Standard	992 gr	35 oz
Carbon Blades	964 gr	34 oz
All Carbon	907 gr	32 oz

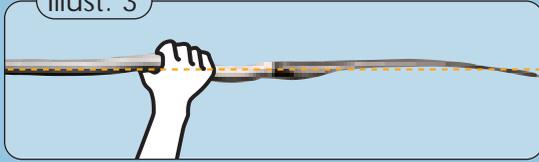
Quest		mid size blade
Paddle Length	194-203 by 3 cm	
Blade Length	46 cm	
Blade Width	18.5 cm	
Weight for Size	197 cm	
Standard	964 gr	34 oz
Carbon Blades	936 gr	33 oz
All Carbon	879 gr	31 oz

CB=Carbon Blades FG=Fiberglass Blades

Premium Whitewater Options

Werner's Neutral Bent Shaft

Illust. 3



In a time when skyscraping cartwheels and gravity riding descents mean white knuckled gripping and

enormous amounts of strain on whitewater paddlers, we are introducing our proprietary neutral bent shaft designed to reduce strain with comfortable wrist alignment and predictable stability during all strokes. For years the touted benefit of a bent shaft has been it's wrist friendly or ergonomically correct. While the extent of the benefits is still being argued, Werner believes a properly designed bent shaft has significant benefits.

Illustration 3 shows a straight line running through the shaft, grip, and center of the blade. Because the blade is not in front or behind this line, we call it neutral, not favoring either side—not biased. When there is no bias favoring forward, reverse, or vertical moves, stability and predictability are increased. This neutral alignment also creates a strong and stable leverage point for your blade to distribute forces evenly, in other words distribute strain evenly, further increasing the stability of each stroke.

By comparison, bent shafts with the blade in front of the grip may offer stability in one type of stroke, but may become unstable and unpredictable during other strokes because the paddlers grip is too far behind or in front of the blade to control it properly. Adding to the performance of our neutral bent shaft is our integrated oval designed for comfortable wrist alignment and changes in hand placement.

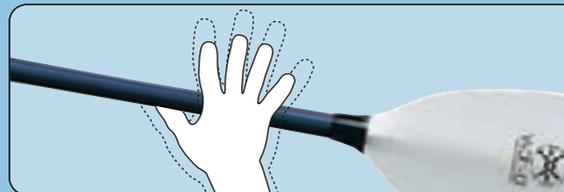
Werner's neutral bent shaft is the product of many years of development, testing, and refinements, aimed at creating the right bend for a comfortable high performance paddle. — Standard on the Double Diamond. Optional on the Side Kick and Player.

Selecting a Whitewater paddle length

Choosing the right paddle length is an important decision that may greatly enhance your individual performance. The trend we've experienced over the past few years is toward using shorter paddle lengths. A shorter paddle allows for the high stroke rate used during whitewater paddling and especially useful when playboating. Based on our experience we recommend the lengths shown below as a guideline for selecting a whitewater paddle length.

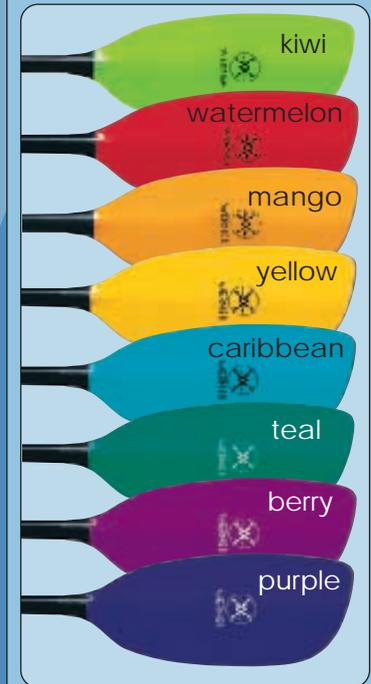
Under 5'2"	191cm - 194 cm
5'0" - 5'8"	191cm - 197cm
Over 5'6"	197cm - 200 cm

Small Shaft Option



We offer two diameters in both our fiberglass and carbon shafts—standard diameter and small diameter. Hands come in many sizes so we highly recommend petite paddlers and paddlers that use gloves try our smaller shaft to reduce to need to overgrip a larger shaft.

Color Options



We offer eight bright color options in our premium Quest, Nantahala and Bandit. Black shaft is standard with all colored paddles. Blue or black shaft can be special ordered on all of our premium models. Color options available in carbon fiber.

Premium Canoe



Bandit

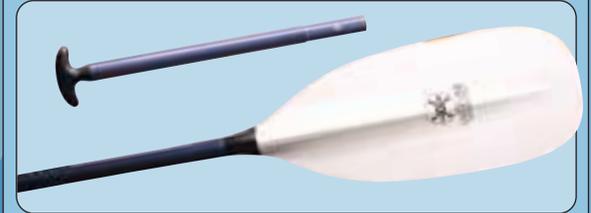
The Bandit, Werner's first spooned canoe paddle, was developed with the performance oriented canoeist in mind. Its spooned power face and sharp symmetrical design create an aggressive catch while remaining stable in the water. Oval indexing and a roto-molded T-grip add comfort and control. Slalom canoeists and technical river runners like the aggressive response of the Bandit.



Nantahala

The Nantahala offers premium performance for recreational and white-water canoeing. Its symmetrical blade and strong dihedral create a powerful, smooth stroke with plenty of surface area for bracing and sweeping strokes. We've added a roto-molded T-grip and oval indexing for comfort and better control. The Nantahala's versatility performs in any canoeing environment.

2 Piece Canoe Paddle



For decked and open canoes the Nantahala and the Bandit are available as a 2 piece paddle. Don't be caught up the creek without a spare paddle.

Bandit	full size blade
Paddle Length	54-62 by 2 in.
Blade Length	49 cm
Blade Width	20 cm
Weight for Size	58 in
All Carbon	737 gr 26 oz

Nantahala	full size blade
Paddle Length	54-62 by 2 in.
Blade Length	55 cm
Blade Width	21.5 cm
Weight for Size	58 in
Standard	737 gr 26 oz

Mid-Line

About MID-LINE Paddles

WERNER Mid-Line paddles are designed for paddlers looking for performance and durability in a mid-priced paddle. To provide you with already proven performance features, all WERNER Mid-Line designs originate from our premium touring line-up. These designs combine good value with extraordinary performance.



Mid-Tour

A descendent of our most popular touring paddle, the Camano, the Mid-Tour offers the same great performance features in a less expensive lay-up. It has the same mid-size blade designed to be powerful yet ease through the water, same integrated ovals for comfortable hand placement, and all of the durability of a premium model. If you are unsure of what you want, are on a budget, and still demand performance, the Mid-Tour won't disappoint you.



Mid-Tour "S"

Inspired from our premium Little Dipper, our Mid-Tour "S" offers exceptional performance for petite paddlers desiring a paddle that won't tire them out on a long day, or any paddler wanting to get away from the stress and strain of larger blades. The Mid-Tour "S" is designed with smaller blades to move effortlessly through each stroke, allowing for an easy high cadence if you want to move a little faster. No worries, there's plenty of blade area to brace and roll with.

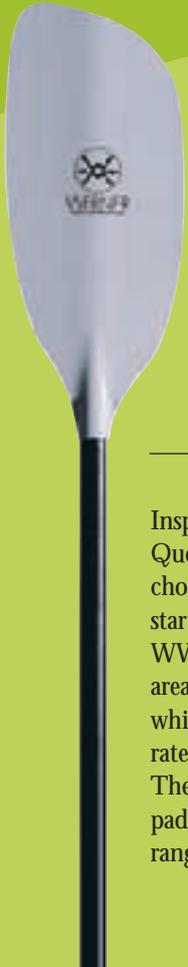


Mid-Sport

Playing in the surf or racking up the miles, our Mid-line version of the Kauai, the Mid-Sport, blends a short, wide blade that delivers moderate acceleration with a mid-size surface for smooth, stable strokes that won't quickly fatigue the average paddler. We recommend this paddle for all but the harshest touring environments as well as fitness paddling.

Whitewater Safety

Although paddling has inherent risks, you can minimize these risks by learning to use good judgement and developing your paddling and rescue skills. Carrying safety gear is an important part of using good judgment. You don't get to choose when you will need to use it, but it is your choice to have the best gear available when the time comes. Having the best safety equipment makes no difference unless you choose to carry it! Please carry a spare paddle.



Mid-WW

Inspired by the popularity of our premium Quest, the Mid-WW is an exceptional choice for smaller paddlers and anyone just starting to whitewater kayak. The Mid-WW blades are designed with more surface area near the tip for good initial power, while their mid-size delivers the high stroke rated needed during whitewater paddling. The Mid-WW offers the budget conscious paddler exceptional performance at a mid-range price.



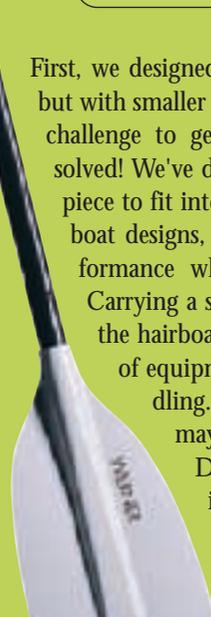
Mid-WW 3pc.

First, we designed a 2 piece spare paddle, but with smaller boat designs it became a challenge to get them to fit. Problem solved! We've designed our Mid-WW 3 piece to fit into most of today's smaller boat designs, and still offer great performance when you need it most.

Carrying a spare paddle isn't just for the hairboater, it's an essential piece of equipment for all levels of paddling. No one likes to swim, or maybe worse, lose a paddle.

Don't turn a bad situation into a nightmare.

Carry a spare.



Mid-Tour	full size blade
Paddle Length	220-240 by 10 cm
Blade Length	52 cm
Blade Width	16 cm
Weight for Size	230 cm
Standard	1106 gr 39 oz

Mid-Tour S	mid size blade
Paddle Length	220-240 by 10 cm
Blade Length	48 cm
Blade Width	15 cm
Weight for Size	230 cm
Standard	1077 gr 38 oz

Mid-Sport	mid size blade
Paddle Length	210-220 by 5 cm
Blade Length	47 cm
Blade Width	18.5 cm
Weight for Size	220 cm
Standard	1077 gr 38 oz

Mid-WW	mid size blade
Paddle Length	194-203 by 3 cm
Blade Length	46 cm
Blade Width	18.5 cm
Weight for Size	200 cm
Standard	1021 gr 36 oz

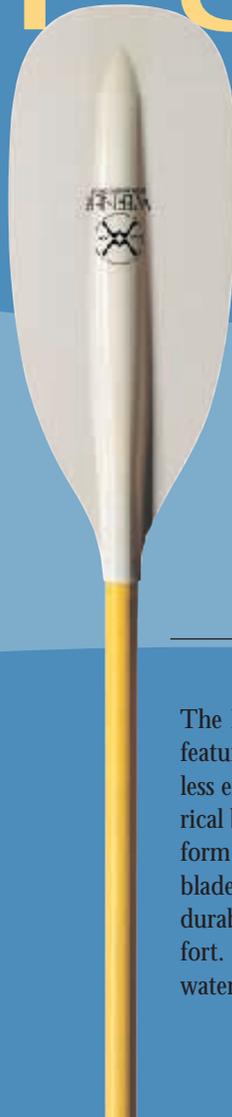
Mid-WW 3 Pc.	mid size blade
Paddle Length	194-203 by 3 cm
Blade Length	46 cm
Blade Width	18.5 cm
Weight for Size	200 cm
Standard	1134 gr 40 oz

Point Paddles



Point Kid

The WERNER Point Kids paddle offers a perfect combination of proportionally small blades and shaft to make this the best kids paddle on the market. It's a great starter paddle for kids and actually has performance features. The Point Kids helps set the scene for a fun paddling experience. Just make sure the smiley stickers are smiling and you're good to go! This paddle has been known to keep busy hands occupied while someone else does the real paddling. Enjoy.



Point Canoe

The Point Canoe offers the same performance features as our premium Nantahala paddle in a less expensive lay-up. It incorporates a symmetrical blade design with a strong dihedral to perform well in both flat and whitewater. This blade has extra reinforcement in the tip for durability and a pinned T-grip handle for comfort. A good choice for recreational and whitewater canoeists.

About Point Paddles

The Werner Point Kids and Point Canoe paddles offer a less expensive composite epoxy fiberglass paddle that is durable and has proven performance features.

Point Kids	small size blade
Paddle Length	180-230 by 10 cm
Blade Length	49 cm
Blade Width	12.5 cm

Point Canoe	full size blade
Paddle Length	54-62 by 2 in.
Blade Length	54.5 cm
Blade Width	21.5 cm

Accessories

the ones you see on the water



Werner Necklace & Key Chain

Sterling silver true to scale model of our most popular touring paddle, the Camano. (Necklace chain is leather.)



Rain Gauge

We want to make sure you know what the water levels are doing.



Stickers

You can put them anywhere that's legal. Black or white lettering. Call us.

Werner Logo T-Shirts

Our logo T-Shirts have a colorful airbrushed mountain scene.

T-Grip

Change your two-piece kayak paddle into a canoe paddle simply by snapping in our T-Grip.

Drip Rings

These can wear out over time, so call us for replacements.

Snap Buttons

These are the funny little things that hold your two-piece paddle together. They can wear out too, so call us up and we'll send you a replacement.

Paddle Bag

We have three types - one or two piece Kayak bags and a Canoe bag. Each holds 3 paddles.

Logo Hats

Stone washed in khaki, blue, coral, basil/khaki, or blue/khaki.



Expeditions

Photo by Chris Duff

Chris Duff—A Kayak Explorer



Self-Portrait by Chris Duff

My association with Werner Paddles goes back to 1986, when I used a San Juan for my circumnavigation of Great Britain. Ten years later, I paddled solo around the remote coastlines of Ireland as well, only to find it was the people along the way that made it such a satisfying experience. My circumnavigation of New Zealand's south island in 2000 was very different, including the most dangerous water I have ever paddled and being stranded for two days before being rescued by helicopter. The paddles I use have evolved just as my travels have, becoming more daring and sophisticated. But the name hasn't

changed—they're all Werner Paddles. Exploration and discovery have always been the focus of my expeditions, but what I bring back from a journey of several thousand miles are not only the many images of sea and coast. Kayaking has become a tool for expanding my knowledge of the sea and the people living on the shoreline, and of myself as well.

Chris's book, *On Celtic Tides*, recounting his Ireland expedition, won The National Outdoor Book Award in the literary category. He is currently working on a book about his solo circumnavigation of New Zealand's South Island. To learn more, go to www.goals.com.

Islands of the Four Mountains

In the summer of 1999, Werner paddles helped a team of four sea kayakers—Jon Bowermaster, Barry Tessman, Sean Farrell, and Scott McGuire—mount an exploration of Alaska's *Islands of the Four Mountains*, a unique group of islands deep in the Aleutian Chain. An area known by the early Aleuts as, "The Birthplace of the Winds." Their daily challenges included 60 knot winds, heavy fog and rain, and temperatures that hovered in the 20s. In just a month, the team made it to five of the islands and on the 4th of July climbed the tallest (and active) volcano—6,000 foot Mt. Cleveland.

This March and April, Jon Bowermaster—again, with Werner's help—has organized an ambitious sea kayaking expedition along the coast of Vietnam. The 800-mile adventure is also being sponsored by the National Geographic Expeditions Council and can be followed on www.mountainzone.com

After surviving the rigors of paddling in the Aleutians, the expedition photographer, Barry Tessman, died in a kayaking accident this January on California's Lake Isabella, near his home. Donations for his two children are being accepted by the Tessman Children's Trust, box 785 Stone Ridge, NY 12484.



Photo by Ben Tassian

Bhutan Expedition—A First Descent

In August 2000, Maria Noakes asked Werner Paddles to sponsor an expedition to Bhutan, in the Himalayas east of Nepal. The goals included support for the local Bhutanese Whitewater Federation in the form of donated equipment and instruction, and a first descent of the formidable Pa Chhu River. Werner Paddles was proud to supply the team with new paddles for themselves and the local paddlers they would train—including the very first female Bhutanese whitewater paddler.

By November, the international team of paddlers—Maria Noakes, Buffy Bailey, Polly Green, Chris Hipgrave, and Pete Weingarten—had arrived to discover that water levels made the first descent of the Pa Chhu impossible. With lots of help from the very locals they had come to assist, the team loaded their gear onto pack animals and blazed a trail through dense forests filled with monkeys flying through trees and signs of endangered leopards. Upon reaching one of the highest accessible points in Bhutan the team was able to launch and complete a successful first descent of the Po Chhu River, discovering a beautiful and continuous Class V run. For more details, visit the expedition web site at www.excellent-adventures.net.

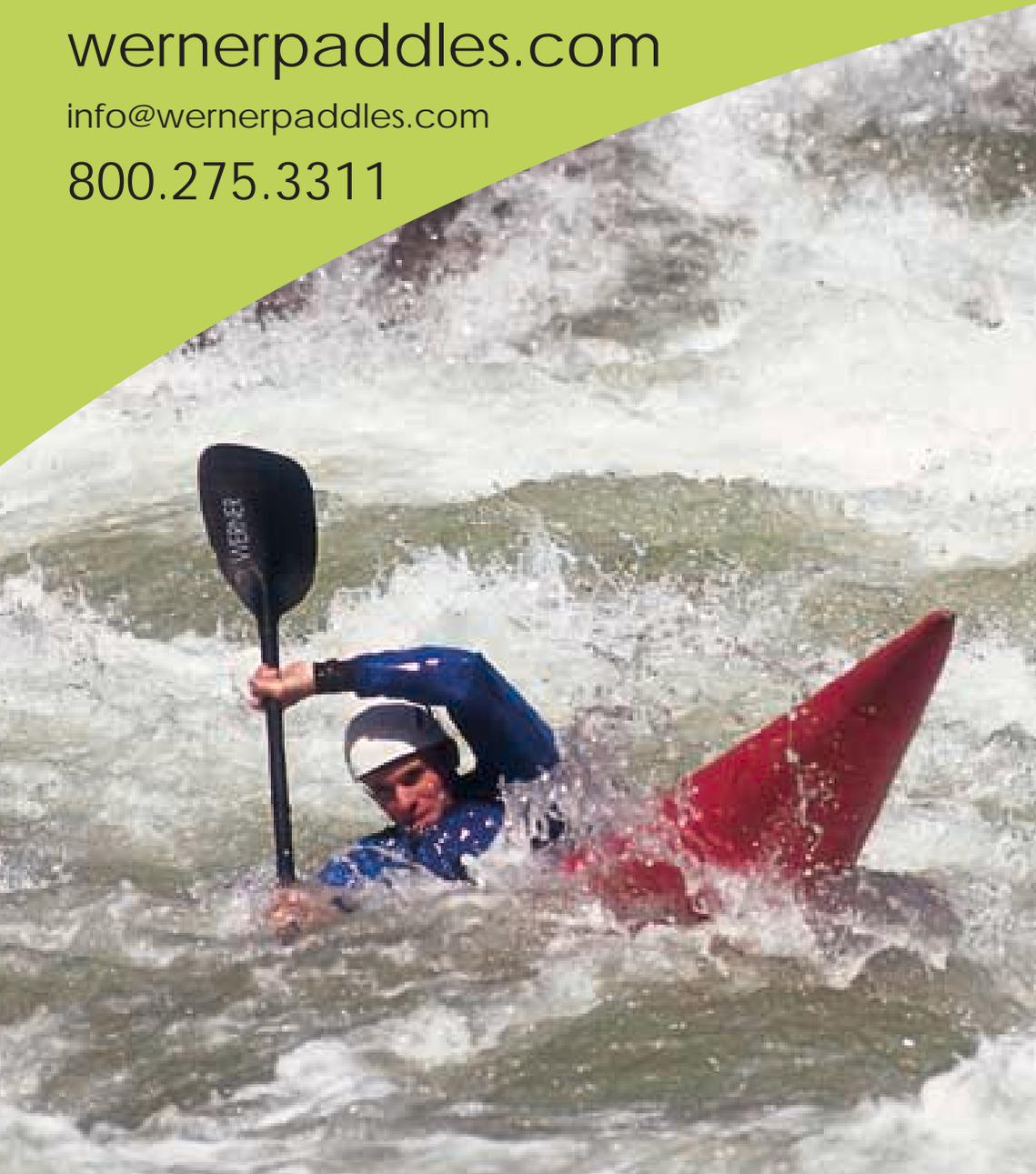


Photo by Nick Williams

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The Werner Story

The name WERNER PADDLES descended directly from its co-founders; Werner Furrer Sr. and Werner Furrer Jr. In 1945 Werner Sr. learned to kayak as part his training for the Swiss Army. Years later when Werner and his wife Martha immigrated to America to raise a family, Werner continued to kayak the local waters. Since no suitable paddles were available Werner made his own paddle out of a wooden curtain rod and plywood.

Growing up the oldest of four children, Werner Jr. assisted his father in building and testing many designs. As his love for kayaking grew, Werner Jr. set his sights on the 1972 Olympics. To support his Olympic dream Werner Jr. built and sold many of his father's designs. It wasn't long before people started asking for WERNER PADDLES by name.

After years of working with his sons on whitewater designs, Werner Sr.'s focus changed to designing a better touring paddle. As a professional engineer working with water turbines, he understood the effects of water flow around various shapes. The many designs varied in shape, from squares to boxes to diamonds, he always kept in mind a good paddle should move effortlessly through the water. The many designs evolved into an asymmetrical shape with a dihedral power face. This became the original Werner Touring Paddle, the San Juan, and was the beginning of something he never imagined.



WERNER

About the logo

We've had some interesting and entertaining interpretations of what our logo means. However enjoyable, the real story is this...in 1963 Werner Sr. and Martha Furrer carved the symbolic "W" over an "M" into their ice axe. In addition to representing their initials, the symbol also reflects their bond with "W"ater and "M"ountains. The circle was added later to portray the Furrer family's unity and the two birds to embody the freedom to fly and soar. Werner Sr. and Martha honorably passed this symbol on to the company and today, it means all this and more.

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