



CATALOG 2026-2027
www.bfkayaks.com



PROUDLY MADE IN JAPAN



Since 2008

Butterfly Kayaks pursues the ultimate performance in the three essential elements of a folding kayak : Carrying • Assembly • On-Water Performance. Through innovative ideas, extensive field testing, paddler feedback, advanced materials, modern technology, and Japanese craftsmanship, we continue developing folding kayaks that perform beyond conventional expectations.



CRUSOE

A basic single folding kayak model featuring a simple structure for quick assembly, with optional accessories that further enhance safety, transportability, and expedition versatility.

crusoe415 , crusoe460 , crusoe500



Sea Sock Installation (Optional)



Cart Wheel Mounting (Optional)

CRUSOE Expedition

An expedition single model equipped with a double deck bow frame and a large center hatch for easy loading and unloading, ideal for extended touring and long-distance adventure travel.

crusoe540exp



System Cart Set Mounting (Optional)

CRUSOE Tandem

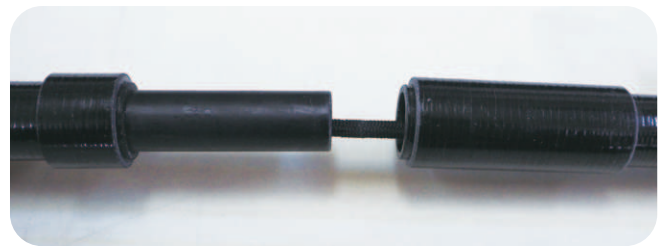
A multipurpose tandem model designed for solo paddling, tandem touring, fishing, and a wide variety of outdoor uses.

crusoe tandem 460 , crusoe tandem 510



ADVANCED MATERIAL

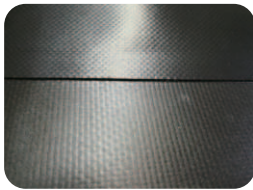
SUPER STRENGTH G-FRP FRAME



The frame is constructed from Butterfly Kayaks' proprietary high-strength glass fiber reinforced FRP, developed through extensive structural testing and years of field use. To further improve durability, reinforcement rings with circumferential fiber strengthening are added to sections where the highest load is applied. This lightweight yet highly resilient frame absorbs shocks from rocks and impacts without permanent deformation, will not rust in saltwater, and requires minimal maintenance after use. High-strength anodized aluminum pipes are used in the curved sections of stems and ribs where additional rigidity is required.

ADVANCED TPU HULL & AIR TUBE

The hull fabric uses premium hydrolysis-resistant TPU material with rubber-like flexibility, excellent abrasion resistance, and superior welding strength. This same class of material is widely used in heavy-duty military inflatable boats where long-term durability is critical. For the bottom hull, Butterfly Kayaks adopts the latest European 1680D TPU expedition-grade fabric, featuring approximately 1.5 times the thickness and 3 times the tear resistance of standard materials. Side hull panels use lightweight 840D TPU fabric to reduce total weight. The air tubes use 210D nylon reinforced TPU membrane, while the seams are internally welded with TPU strips to achieve high tensile strength and dependable airtightness even under high pressure. This high-pressure chamber system minimizes hull deformation from water pressure and provides excellent secondary stability on open water. Large-capacity inflatable boat valves allow rapid inflation and deflation.



TECHNOLOGY

HF WELDING TECHNOLOGY

Butterfly Kayaks makes extensive use of high-frequency welding technology to eliminate as many sewn seams as possible, reducing the risk of leakage and thread failure. Deck-to-hull joints, bow hatch sections, stern flaps, sea sock mounts, and air tube seams are all joined primarily by welding rather than conventional stitching. This creates exceptional waterproof reliability, airtightness, and long-term durability.



3D COMPOSITES COAMING

The cockpit coaming frame on single models combines a one-piece FRP coaming formed by Butterfly Kayaks' original molding process using aircraft-grade twill glass cloth, with precision-bent anodized high-strength aluminum tubing. This three-dimensional rigid cockpit structure creates an exceptionally strong yet lightweight cockpit area that supports body weight during entry and exit and provides secure spray skirt attachment.



INJECTION MOULDED CLIP

The one-touch clip connecting FRP frame pipes and rib plates requires both secure holding power and crack resistance. Butterfly Kayaks' original clip is injection molded using optimized design and carefully selected materials, resulting in long-term durability and minimal trouble even after repeated assembly.



CNC ROUTER

Plastic rib plates and many structural components are cut using CNC computer-controlled routers. This precise machining method ensures consistent dimensional accuracy and stable product quality. Because each kayak model requires multiple different rib shapes, digital production data allows fast and accurate reproduction whenever replacement or custom production is needed.

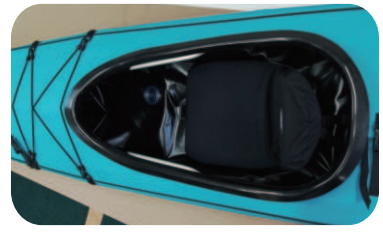


QUICK ASSEMBLY

Butterfly Kayaks adopts an integrated block structure in which as many parts as possible remain connected as a unit. This minimizes assembly confusion and allows smooth, intuitive setup. Once familiar with the process, assembly can typically be completed in approximately 10 to 20 minutes. Because fewer loose parts are involved, the chance of forgetting or losing components is greatly reduced, and maintenance after paddling becomes much easier. Easy assembly, disassembly, and storage significantly expand the freedom that a folding kayak can offer.



① Remove all parts from the backpack ② Install gunwales and keel frame ③ Attach bow, stern and rib frames ④ Insert the frame into the hull skin



⑤ Apply hull tension with the built-in winch ⑥ Close and secure the stern section ⑦ Inflate the side air tubes ⑧ Install the seat and complete assembly

EASY CARRYING & STORAGE



One of the greatest advantages of a folding kayak appears not only in transportation to the water, but also in unexpected situations during touring. If weather conditions worsen or trouble prevents returning to the departure point, a folding kayak can be packed down and transported by ferry, train, bus, or taxi, often allowing the paddler to safely escape a difficult situation.

Carrying both kayak and gear on your back can be physically demanding, but optional wheel systems make movement much easier. The standard sleeved backpack for single models accepts optional cart wheels, while tandem model backpacks can be fitted with the optional system cart set.

Because the kayak folds down compactly, storage space is minimal. It can be carried inside a vehicle, easily loaded on a roof rack, or transported unfolded for local paddling and folded for long-distance expeditions.



REPAIR & MAINTAINANCE



A folding kayak offers not only compact storage, but also practical field reparability. Hull fabric can be repaired even during touring in much the same way as repairing a punctured tire, simply by bonding a patch with adhesive. Even if a frame component is damaged, individual sections can be replaced or repaired without replacing the whole kayak. Because each component is compact, replacement parts can be shipped inexpensively, helping to keep long-term maintenance costs low. Since nearly all production is carried out in Butterfly Kayaks' own factory in Himeji, Japan, spare materials and replacement parts are always well stocked. Hull welding repair, frame repair, consumable replacement, and custom modifications are all continuously supported after purchase.

CONSTRUCTION

FRP BACK PANEL INTEGRATED SEAT

The seat back incorporates a rigid FRP back panel that provides firm lumbar support while paddling. Unlike soft unsupported seats, this structure holds the paddler securely in position, improves paddling efficiency, and greatly reduces fatigue during long-distance touring. The backrest angle can also be adjusted easily for individual comfort.



HIGH-STRENGTH DECK-TO-HULL WELDED JOINT



The deck and hull are overlapped with a urethane strip inserted between them and then joined by high-frequency welding. Compared with stitched seams or simple butt-welded joints, this structure provides significantly higher bonding strength and superior waterproof performance.

SIMPLE FLEXIBLE BOW HATCH

Taking advantage of the flexibility of the hull fabric, Butterfly Kayaks adopts a simple waterproof bow hatch system. By rolling and securing the flap in the same way as a dry bag closure, high waterproof performance is achieved. The hatch is large enough to allow smooth loading and unloading of a 10L dry bag.



HEAVY-DUTY FOOT BRACE

The plate-equipped bar type foot brace allows firm leg support for more efficient paddling power. Position adjustment can be made easily from inside the cockpit using the adjustment strap.



FULL OPEN STERN DECK

Instead of using zippers that are prone to corrosion, breakage, or jamming, Butterfly Kayaks adopts a double buckle closure system inside and outside. The fully open stern deck allows large waterproof bags to be inserted directly into the stern cargo compartment. The stern flap itself is high-frequency welded to the deck without sewn seams, providing outstanding waterproofness and durability.

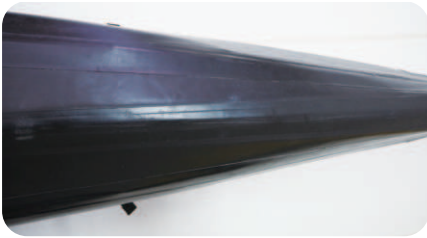


READY FOR RUDDER INSTALLATION



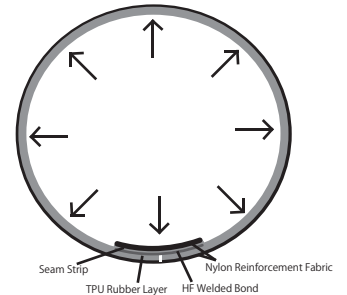
Hull Reinforcement Strip Under Frame

Reinforcement strips are welded beneath the keel and chine frame contact lines of the bottom hull to reduce wear on the hull fabric during use.



INTEGRATED SIDE AIR TUBES

Air tubes are built into both sides of the kayak hull. The reinforced TPU material and large-capacity valves allow quick inflation and deflation. Reinforcement strips are welded beneath the keel and chine frame contact lines of the bottom hull to reduce wear on the hull skin during long-term use.



BUILT-IN CONTINUOUS TENSION WINCH

By rotating the simple L-shaped built-in winch integrated into the frame, constant tension can be continuously applied to the hull skin from the beginning of the tightening process to the final stage. Even if the hull fabric stretches over time, there is no need to readjust rope length. Maximum hull tension can always be maintained.



CRUSOE

XPOD SYSTEM

SIMPLE AND FAST BASIC MODEL

Designed for paddlers who prioritize quick assembly, easy handling, and lightweight portability.



The XPOD System is Butterfly Kayaks' original integrated cockpit platform designed around rigidity, quick assembly, transportation efficiency, and safety equipment compatibility.

- The cockpit section is built as a rigid three-dimensional structure combining FRP coaming and bent aluminum pipes, creating excellent stiffness that supports body weight during entry and exit while holding a spray skirt securely.
- Because the cockpit area remains almost pre-assembled during storage, assembly begins from the center cockpit section, reducing the number of setup steps and making the frame layout easy to understand.
- The bottom frame also remains connected during storage, allowing optional sea socks to stay installed. Once packed in the backpack, the XPOD structure maintains its shape and rigidity, which also stabilizes the optional cart wheels for smoother transportation.



Foldable 3D cockpit coaming for reduced packed thickness

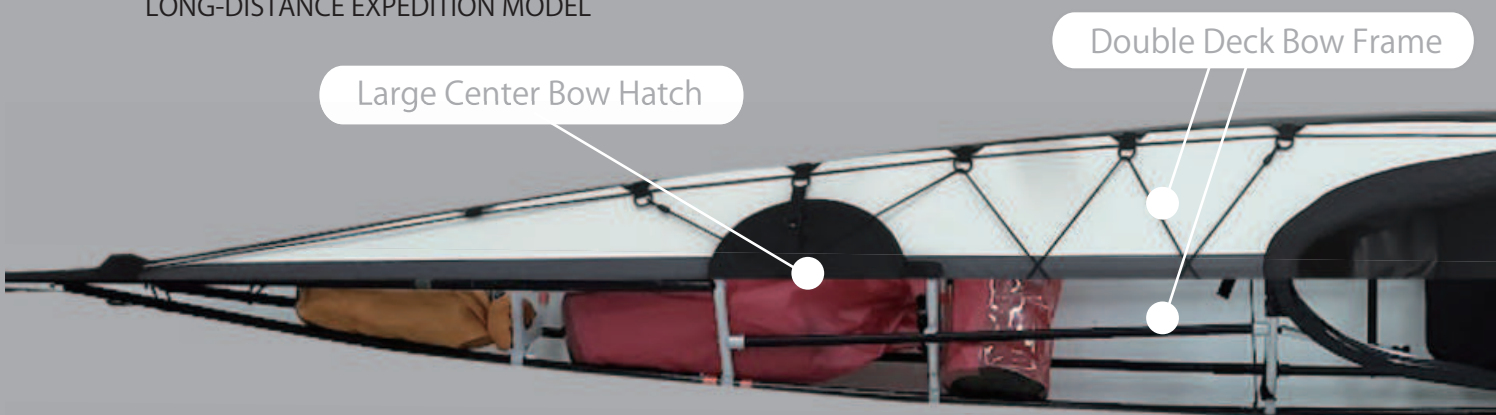
COMPACT FOR AIR TRAVEL

When traveling overseas by air, baggage with a total three-side dimension under approximately 158 cm often results in lower transportation costs depending on airline regulations. To fit within this range, Butterfly Kayaks' three-dimensional cockpit coaming can be folded down even further. For domestic use, the cockpit can remain assembled for faster setup and storage.

For overseas expeditions, the kayak can be folded into two smaller packages to reduce airline cost and expand travel freedom.

CRUSOE Expedition

LONG-DISTANCE EXPEDITION MODEL



Large Center Bow Hatch

Double Deck Bow Frame

SEA SOCK



Fully flooded cockpit condition



An optional sea sock is an important safety accessory that minimizes flooding inside the hull during capsize or wet exit and helps maintain buoyancy, especially on open water such as the sea. Butterfly Kayaks' XPOD cockpit system allows the sea sock to remain installed on the bottom frame even during storage. Unlike retrofit sea socks that can interfere around the paddler's legs, the pre-mounted integrated structure improves cockpit safety and comfort. In addition, the seat back adjustment strap connects from the frame to the inside of the sea sock, allowing backrest adjustment without removing the sea sock. Sea sock material options are available in lightweight 1000D Cordura nylon, highly waterproof PVC tarpaulin, or flexible high-strength TPU.

WHEELED BACKPACK



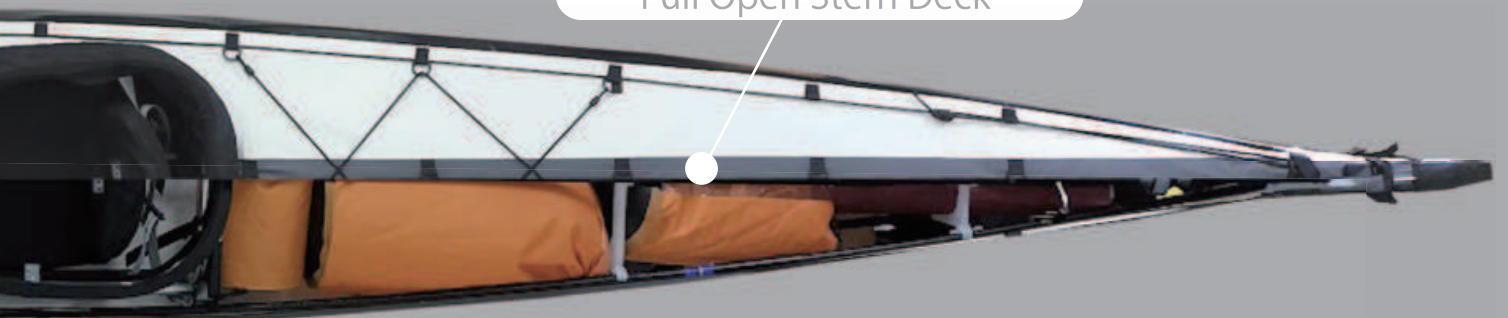
The standard backpack for single models is equipped with built-in sleeves for wheel installation. By inserting the optional cart wheels into the sleeves, the backpack can be quickly converted into a wheeled transport bag, making long-distance carrying much easier.



EXPEDITION MODEL FOR EXTENDED JOURNEYS

The CRUSOE Expedition model is equipped with a double deck bow frame and a large center bow hatch, allowing easier loading of gear on the bow side and making it ideal for long-distance expeditions. All CRUSOE series models also feature a full open stern deck for convenient cargo loading from the rear.

Full Open Stern Deck

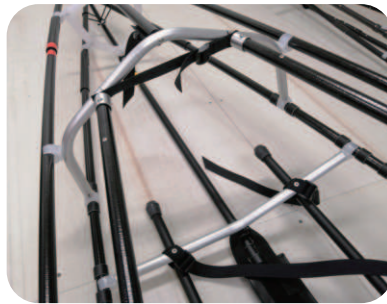


CRUSOE Tandem

A multipurpose model that can be used as both a solo kayak and a tandem kayak.



Offset Rib Position



The rib frame in front of the cockpit is vertically separated, with the mounting points positioned fore and aft to prevent interference with the paddler's feet.



3-Piece Rib

The hull width, internal volume, and rocker can be changed according to the usage situation.

For Tandem Use



For Solo Use



75 cm
69 cm

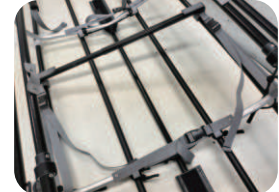
Open cockpit tandem kayaks are convenient because they can be used by one or two paddlers. However, the volume and width designed for two-person use are often too large for efficient solo paddling. Butterfly Kayaks' original 3-piece rib allows the width to be narrowed simply by replacing only the center section with the optional single bottom rib. This makes solo paddling easier and greatly improves overall versatility.



KEEL SIDE STRINGER

This equipment suppresses bottom hull denting caused by water pressure and improves speed and maneuverability. It is especially important for wider tandem kayaks.

Standard Foot Brace Equipped / Optional Knee Brace Available



A heavy-duty foot brace is equipped as standard to provide firm leg support while paddling. It can be used in both solo and tandem configurations. Optional knee braces can also be installed to improve the fit and body hold at the rear seat and center seat positions.



SIMPLE BLOCK FRAME ASSEMBLY



The main frame sections remain connected as large blocks, greatly simplifying assembly despite the larger size of a tandem kayak. Even first-time users can understand the frame layout intuitively, while experienced users can complete assembly in a short time.

With Coaming Cover Installed



Tandem



Solo

The open cockpit design is easy to board and provides a spacious feeling, but there is also a possibility that a large amount of water may enter at once. When using the kayak on the sea or in rough wind and wave conditions, always install the coaming cover.



Tandem + Extra Cargo

FOLDING KAYAK PRODUCTS

※The photographs include paid options such as custom deck colors and center lines.

CRUSOE415 **JPY341,000** **LENGTH 415 cm WIDTH 69 cm WEIGHT 16.5 kg**



Light handling performance combined with excellent speed makes this model suitable for a wide range of use, from river touring to coastal touring.

CRUSOE460 **JPY363,000** **LENGTH 460 cm WIDTH 62 cm WEIGHT 18 kg**



Outstanding maneuverability and speed are well balanced to handle the sea, rivers, and many different paddling fields. Even in moderately rough sea conditions, it offers excellent stability and allows paddlers to head out with confidence.

CRUSOE500 **JPY418,000** **LENGTH 500 cm WIDTH 58 cm WEIGHT 19.5 kg**



A high-speed hull design intended for island hopping and long-distance travel at sea. Its strong wind resistance allows efficient long-distance paddling with less effort.

2026 New Model !

CRUSOE540 EXPEDITION **JPY451,000** **LENGTH 540 cm WIDTH 58 cm WEIGHT 22 kg**



An expedition model designed for extended journeys, featuring a large cargo capacity and a standard large bow hatch for easy loading and unloading. The flat bow deck shape makes cargo stowage easier, while speed and stability are both maintained at a high level.

STORAGE SIZE

- CRUSOE 415 : approx. 93 × 47 × 30 cm
- CRUSOE 460 : approx. 97 × 47 × 30 cm
- CRUSOE 500 : approx. 100 × 47 × 30 cm
- CRUSOE 540 EXP : approx. 100 × 47 × 30 cm

■ SINGLE MODEL COMMON SPECIFICATIONS / STANDARD EQUIPMENT

- Cockpit Size (inside): 80 × 38 cm • Assembly Time: approx. 10–20 minutes
- Deck Rope & Shock Cord • Bow Hatch • Air Pump • Repair Kit • Spray Skirt
- Foot Brace • Seat × 1 • Backpack with Wheel Sleeves

■ SINGLE MODEL ONLY OPTION

Cart Wheel **JPY 11,000**



By inserting these wheels into the backpack sleeves, the backpack can be converted into a convenient wheeled transport bag.

Sea Sock

Nylon : JPY 27,500 PVC : JPY 33,000 TPU : JPY 44,000



Installed around the coaming to minimize flooding inside the hull during capsize or wet exit.

CRUSOETANDEM 4 6 0 JPY 363,000

LENGTH 4 6 0 c m WIDTH 7 5 c m (69 cm with Optional Single Bottom Rib Installed) WEIGHT 2 0 k g



A multipurpose open cockpit tandem model that can be used for solo paddling, tandem paddling, fishing, and many other outdoor activities. By installing the optional Single Bottom Rib Set (JPY 5,500), which changes hull width, volume, and turning performance, solo paddling becomes much easier, with handling close to that of a dedicated single kayak.

CRUSOETANDEM 5 1 0 JPY 396,000

LENGTH 5 1 0 c m WIDTH 7 5 c m (69 cm with Optional Single Bottom Rib Installed) WEIGHT 2 3 k g



A tandem model with a longer fast waterline and a bow shape with excellent wave-piercing performance for higher cruising speed. The open cockpit design allows versatile use such as solo paddling, tandem paddling, fishing, sailing, and cargo touring. When equipped with the optional Single Bottom Rib Set (JPY 5,500), it also becomes an ideal fast solo kayak with large cargo capacity.

■ TANDEM MODEL STANDARD EQUIPMENT

- Deck Rope & Shock Cord • Air Pump
- Repair Kit • Seat × 2 • Backpack
- Foot Brace × 2

■ TANDEM SPECIFICATIONS

- Cockpit Size (inside): 206 × 44 cm (206 × 38 cm when Single Bottom Rib is installed)
- Assembly Time: approx. 10–20 min.
- Packed Size : approx. 97 × 47 × 30 cm (460) approx. 100 × 47 × 32 cm (510)

■ COMMON OPTIONS FOR SINGLE & TANDEM MODELS

Additional Deck D-Rings (Left / Right Set) JPY 2,200



This option adds extra D-rings between the existing D-rings on the bow deck in front of the cockpit, or replaces standard rope guide loops with D-rings. It allows shock cords to be arranged in a wider variety of layouts.

■ REFERENCE: STANDARD D-RING LAYOUT



CRUSOE Tandem 460,[510]
(6 [8] on bow side / 10 on sides / 4 on stern side)



CRUSOE 415, 460, 500 (6 on bow side / 6 on stern side)

Added Center Line JPY 11,000



A center line is HF welded along the center of the deck. This gives the deck a sharper appearance while also reinforcing the deck fabric. Special colors other than black are available at the same price.

■ NOTES

Specifications and prices are subject to change without notice. All listed prices include Japanese consumption tax. Catalog colors may differ from actual product colors due to printing conditions. Photos may include optional deck colors and added center lines.

DECK COLOR SELECTION [STANDARD COLOR]



レッド

RED



ターコイズ

TURQUOISE



ブルー

BLUE



イエロー

YELLOW



ブラック

BLACK

HULL

SAILING ACCESORIES



Light Sail 1.0 in Stored Position

light sail 1.0

Photo shows CRUSOE 460 equipped with Light Sail 1.0 + Rudder Combination Set.

LIGHT SAIL 1.0 JPY 66,000

Butterfly Kayaks' original retrofit sail kit jointly developed with Mr. Atsushi Nishizawa, director of "Canoe World Magazine JAPAN". Installation is easy by securing four straps and four snap rings. The sail opens simply by raising it from the folded storage position. With one-rope control, it can efficiently catch wind from downwind to beam wind. In an emergency, the mast can be lowered immediately by pulling the rope. Because paddling can still be used together with the sail while deployed, it also works effectively as paddling assistance even in light wind. Combined with a rudder, both hands remain free for even better sailing performance.

- Sail Area: 1.0 m² • Packed Size: 105 × 15 × 15 cm
- Weight: 1.7 kg • Storage bag included

Materials

Base: Aluminum Pipe + FRP Plate

Mast / Boom / Batten: FRP

Sail Cloth: Dacron 4 oz



RUDDER SET

Single Models JPY 55,000

Tandem Models JPY 60,500



Rudder set using CNC-cut fiberglass blade.

The rotating foot pedals provide firm foot support even when the rudder is raised. For retrofit installation, holes must be punched into the hull fabric by the user, or the hull fabric must be sent to Butterfly Kayaks for processing.

- Packed Size: 50 × 15 × 15 cm
- Weight: 1.7 kg

Included: Stern Rudder Frame, Foot Pedals, Wires, Storage Bag

SAILING COMBINATION SET

Single Models JPY 110,000

Tandem Models JPY 115,500

Combination set including Light Sail 1.0 and Rudder Set.
JPY 11,000 less than purchasing separately.

ACCESSORIES

SYSTEM CART SET JPY 22,000



(※Backpack shown in the photo is not included in the price.)

A large 20 cm wheel cart set that can be easily attached to the backpack. Made of L64T-8 anodized aluminum with stainless steel axle. Supplied with storage bag and tightening straps.

BACKPACK JPY 33,000



Standard backpack supplied with all models. Made of durable 1000D Cordura nylon, with 1000D + 420D nylon reinforcement on the bottom area where abrasion is most likely to occur. By installing Cart Wheels on the sleeve-equipped type, or the System Cart Set on the non-sleeve type, the backpack can also be used as a convenient cart bag. Both sleeve-equipped and non-sleeve types are available at the same price.



The System Cart Set can also be used as a kayak cart for transporting the fully assembled kayak. By adding the Cart Handle (JPY 11,000) to the Cart Wheels used on the sleeve-equipped backpack for single models, it can also be configured as a System Cart Set.

BOW CAP (S / M) JPY 2,420

Covers the bow tip to reduce abrasion and wear. Available in Sharp and Medium types according to the bow shape.



TANDEM SEA SOCK

Nylon JPY 27,500 PVC JPY 33,000 TPU JPY 44,000

Installed around the tandem cockpit cover coaming to minimize flooding inside the hull during capsize or wet exit.



TANDEM COAMING COVER

Solo Type JPY 27,500
Tandem Type JPY 38,500
Tandem + Extra Type JPY 44,000



SINGLE BOTTOM RIB SET JPY 5,500



Reduces the width of the tandem kayak and improves speed and paddling efficiency when used in solo configuration.

TANDEM KNEE BRACE JPY 5,500



By installing this on the tandem model, knee fit and body hold can be improved at the rear seat and center seat positions.

One-of-a-kind special specification models can also be produced. Replacement parts are also available through online shop.

ORIGINAL DESIGN / SPECIAL CUSTOM EXAMPLES



Original Design Deck



Large Size Coaming



Ultra-Light Arctic Expedition

COLOR ORDER

Custom production is also available in deck colors other than the four standard colors for an additional JPY 22,000.



Marigold Yellow



White



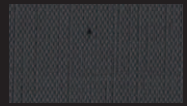
Lime Green



Cactus Green



Cherry Pink



Slate Gray



Cream Yellow



Off White



Baby Pink



Green



Bright Blue



Light Gray



Cafe au Lait



Greige



Sweet Pink



Deep Green



Lavender



Gray



Terracotta



Beige



Pink



Spruce Green



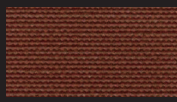
Royal Blue



Silver Gray



Orange



Brown



Cardinal Red



Dark Green



Navy



Olive

※Color samples are for reference only. Actual colors may differ due to printing conditions. Color swatches can be sent upon request before ordering. Some colors may be discontinued due to manufacturer availability. Please contact us to confirm whether production is possible.



Butterfly Kayaks Co., Ltd.

SAISHO 325 HIMEJI HYOGO 670-0981 JAPAN
 TEL +81 79-227-3066 FAX +81 79-298-1964
 Mobile +81 90-5124-5974
 e-mail : info@bfkayaks.com



www.bfkayaks.com

