

# **SHOCKWAVE**

*MARINE SUSPENSION SEATING*



## **Shockwave Professional Seats International Programme**

*F E E L   B E T T E R .   T R A V E L   F A R T H E R .*



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## The Future of Marine Suspension Seating

Shockwave is a Canadian company with a global presence. We design and manufacture marine suspension seats for professional and recreational markets. We have shipped thousands of suspension seats since 2001 from our factory in Canada. We design, develop and assemble our products in Canada using premium quality materials and components to ensure that boaters are protected from the shock of wave impact. Our focus is on quality, safety, comfort and accessibility. Shockwave marine suspension seating is changing the way people think about marine suspension.



**S2**

TRAVEL  
150MM 

- ✓ For commercial and recreational applications
- ✓ Offered in helm or jockey seat style
- ✓ Mounted on riser boxes or bulkhead mounted
- ✓ Air sprung FOX shock with linear suspension
- ✓ Designed for moderate to heavy sea conditions



**S3**

TRAVEL  
200MM 

- ✓ For commercial and recreational applications
- ✓ Offered in helm or jockey seat style
- ✓ Deck mounted seats
- ✓ Air sprung FOX shock with linear suspension
- ✓ Ideal for open RHIBs or cabin boats
- ✓ Used for the most demanding sea conditions and high speeds



**S5**

TRAVEL  
100MM 

- ✓ Simple install and fits virtually any boat
- ✓ Easily mounted on a riser box or pedestal
- ✓ Adjustable air sprung shock absorber
- ✓ Anodized for corrosion resistance
- ✓ Marine grade A360 aluminum

# S2 Helm Seat

Mid-Back: SW-S2-I200, High-Back: SW-S2-I300

Our best-selling S2 helm and crew seat offers unparalleled ergonomics for comfort and performance. This helm seat can be mounted on a seat riser or storage box. Commonly used on cabin boats for moderate to heavy sea conditions. Our S2 helm seat is available in a mid-back or a high-back version for extra head and neck support.

Equipped with a 150 mm (6-inch) travel FOX Float H2O custom-tuned and fully adjustable shock absorber. Developed in tandem with FOX Defense and designed for outdoor marine applications.

## Install

This seat requires a riser box to install and a shock pump (shown on page 8) to adjust the pressure in the shock. One pump is needed per boat.

## Mounting

Riser Box Mounted

High-back seat shown with deck slide.  
Mid-back seat shown with deck mount.



## Accessories Available For This Seat

S2

TRAVEL  
150MM



SHOCKS BY  
FOX



Folding Armrests  
SW-03963



Deck Mount  
SW-03620



Deck Slide  
SW-03752



Height Adjust



Cupholder  
SW-01085



Bulkhead Mount  
Adjustable Footrest  
SW-07507

# S2 Flip Bolster Seat

Mid-Back: SW-S2-I20I, High-Back: SW-S2-I30I

This seat offers a flip bolster, enabling occupants to sit or stand while providing superior ergonomics and performance. With its low seat mounting height, the S2 helm seat fits perfectly on top of a seat riser or storage box.

The S2 flip bolster is a popular choice for cabin and T-top open boat applications. For the helm and nav operators, the optional fore/aft slide and height adjust ensure compliance and comfort for a full range of occupants.

Equipped with a 150 mm (6-inch) travel FOX Float H2O custom-tuned and fully adjustable shock absorber. Developed in tandem with FOX Defense and designed for outdoor marine applications.

## Install

This seat requires a riser box to install and a shock pump (shown on page 8) to adjust the pressure in the shock. One pump is needed per boat.

## Mounting

Riser Box Mounted

High-back seat shown with deck slide.  
Mid-back seat shown with deck mount.



## Accessories Available For This Seat

S2

TRAVEL  
150MM



SHOCKS BY  
FOX



Folding Armrests  
SW-03963



Deck Mount  
SW-03620



Deck Slide  
SW-03752



Height Adjust



Cupholder  
SW-01085



Bulkhead Mount  
Adjustable Footrest  
SW-07507

# S2 Drop-Down Bulkhead Mounted Seat

Mid-Back: SW-S2-I202-BM, High-Back: SW-S2-I302-BM

Our most popular S2 seat is the drop-down bulkhead mounted helm seat, which allows the user to sit or stand while offering superior comfort in both positions. It is commonly used in walk-through cabin boats and T-top open boat applications. The bulkhead mount provides a clean installation free of trip hazards on the deck below the seat.

Equipped with a 150 mm (6-inch) travel FOX Float H2O custom-tuned and fully adjustable shock absorber. Developed in tandem with FOX Defense and designed for outdoor marine applications.

## Install

A 0° mount is used on a bulkhead that has a 10° incline, and a 10° mount is used on a 90° bulkhead. This seat must be installed on a bulkhead and requires a shock pump (shown on page 8) to adjust the pressure in the shock. One pump is needed per boat.

## Mounting

### Bulkhead Mounted

Seat shown with bulkhead mount. This seat is available as a mid-back and high-back seat, and with two footrest options.



## Accessories Available For This Seat

S2

TRAVEL  
150MM



SHOCKS BY  
FOX



Folding Armrests  
SW-03963



0° Bulkhead Mount  
SW-04656



10° Bulkhead Mount  
SW-04871



FF2 Integrated  
Folding Footrest



Height Adjust



Cupholder  
SW-01085



Bulkhead Mount  
Adjustable Footrest  
SW-07507

# S3 Drop-Down Bolster Seat

Mid-Back: SW-S3-TI202, High-Back: SW-S3-TI302

The drop-down bolster is our most popular and versatile helm seat. With a simple pull handle the drop-down bolster converts from a seated to standing bolster. When equipped with the integrated folding footrest (optional), the footrest stows & deploys automatically with the base cushion.

Applications include center console RHIBs and cabin boats for demanding commercial applications.

Equipped with a 200 mm (8-inch) travel FOX FLOAT H2O custom-tuned and fully adjustable shock absorber. Developed in tandem with FOX Defense and designed for outdoor marine applications.

## Install

This seat is installed directly onto the deck and requires a shock pump (shown on page 8) to adjust the pressure in the shock. One pump is needed per boat.

## Mounting

Deck Mounted

High-back seat shown with deck mount and FF2 footrest.  
Mid-back seat shown with deck slide.



## Accessories Available For This Seat

S3

TRAVEL  
200MM



SHOCKS BY  
FOX



Folding Armrests  
SW-03963



Deck Mount  
SW-05153



Deck Slide  
SW-05154



FF2 Integrated  
Folding Footrest



Height Adjust



Cupholder  
SW-01085



Bulkhead Mount  
Adjustable Footrest  
SW-07507

# S5 Jockey Seat

SW-S5-2400

The S5 Jockey seat is one of our most compact solutions and is ideal for refits and RHIBs. It offers solid performance in an affordable, lightweight and compact package. The S5 Jockey is outfitted with an integrated suspension and seat frame to minimize weight. Equipped with a 100 mm (4-inch) travel, adjustable FOX air sprung shock, it features on-the-fly adjustment for rebound rate.

The S5 Jockey seat is designed for small spaces and durability in outdoor and saltwater conditions. The seat cushions are made with closed-cell foam and heavy-duty black fabric, well suited to recreational RHIB or commercial applications. Installation is quick and straightforward, with optional front and rear grab rails available for added safety and versatility.

## Install

This seat requires a riser box to install and a shock pump (shown below) to adjust the pressure in the shock. One pump is needed per boat.

## Mounting

Riser Box Mounted



Seat shown with optional wide grab rail.

## Accessories Available For This Seat

**S5**

TRAVEL  
100MM



SHOCKS BY  
**FOX**



Front Grab Rail Wide  
SW-04732



Rear Grab Rail Low  
SW-05476



Shock Pump  
SW-01983



12" Jockey Seat Riser Box  
SW-09494-B

# S2 Low-Profile Jockey Seat

SW-S2-2400-LP

This seat is designed for small spaces and durability in outdoor and saltwater conditions. This low mount, compact and lightweight Jockey seat is installed on top of riser boxes. It is available with a stationary mount or a fore-aft slide, and height adjust to accommodate a broad range of occupants. Installation is straightforward, with optional front and rear grab rails available for added safety.

Equipped with a 150 mm (6-inch) travel FOX FLOAT H2O custom-tuned and fully adjustable shock absorber. Developed in tandem with FOX Defense and designed for outdoor marine applications.

## Install

This seat requires a riser box to install and a shock pump (shown on page 8) to adjust the pressure in the shock. One pump is needed per boat.

## Mounting

Riser Box Mounted



Seat shown with deck mount.

## Accessories Available For This Seat

S2

TRAVEL  
150MM



SHOCKS BY  
FOX



Deck Mount  
SW-03620



Deck Slide  
SW-05231



Front Grab Rail Wide  
SW-04732



Front Grab Rail High  
SW-03252



Rear Grab Rail Wide  
SW-04663



Rear Grab Rail High  
SW-04075



Bulkhead Mount  
Adjustable Footrest  
SW-07507

# S3 Lightweight Single Jockey Seat

SW-S3L-2410

Shockwave's S3 lightweight Jockey seats are built for demanding applications and heavy sea conditions, and durability in outdoor and saltwater conditions. These Jockey seats feature improved performance with reduced weight. The most popular variation of this seat is a stationary mount. This seat is also available with optional front and rear grab rails for added safety.

Equipped with a 200 mm (8-inch) travel FOX Float H2O custom-tuned and fully adjustable shock absorber. Developed in tandem with Fox Defense and designed for outdoor marine applications.

## Install

This seat is installed directly onto the deck and requires a shock pump (shown on page 8) to adjust the pressure in the shock. One pump is needed per boat.

## Mounting

Deck Mounted



Seat shown with front and rear grab rails and deck mount.

## Accessories Available

S3

TRAVEL  
200MM



SHOCKS BY  
FOX



Deck Mount  
SW-06302



Front Grab Rail Wide  
SW-04732



Front Grab Rail High  
SW-03252



Rear Grab Rail High  
SW-03731



Bulkhead Mount Adjustable Footrest  
SW-07507

# S3 Lightweight Dual Jockey Seat

Dual Jockey with Non-Folding Front Seat and Folding Back Seat: SW-S3LD-2410 with SW-00-2413-FM

A lightweight and efficient use of space ideal for open RHIBs, the non-folding front seat is a great helm/nav seat and can be paired with height adjust and grab rails. The SW-S3LD-2413 with SW-00-2413-FM dual folding seats are designed for boats with limited deck space. The aft seat folds down to maximize space on the deck. Seats can be ordered with a wide or narrow backrest, and they come with the narrow grabrail behind the front seat.

Equipped with a 200 mm (8-inch) travel FOX Float H2O custom-tuned and fully adjustable shock absorber.

## Install

This dual seat combination is installed directly onto the deck with a dual deck mount and requires a shock pump (shown on page 8) to adjust the pressure in the shock. One pump is needed per boat.

## Mounting

Deck Mounted

Seats shown with wide backrest, front grab rail, and dual deck mount.



## Accessories Available

S3

TRAVEL  
200MM



SHOCKS BY  
FOX



Dual Deck Mount  
SW-05603



Front Grab Rail Wide  
SW-04732



Front Grab Rail Narrow  
SW-05538



Bulkhead Mount Adjustable Footrest  
SW-07507

## Our Manufacturing Facility

We manufacture all of our products on-site in our welding and fabrication shop, our powder coating shop (with a huge 24' oven) and assembly shop. Our engineering department is on site and an integral part of everything we build here. We build thousands of suspension bases and suspension seats every year at our plant in Sidney, Canada, and we deliver our products around the globe.



Welding & Fabrication Shop



Powder Coating



Product Storage & Inventory



Welding



Powder Coating Shop & Ovens



Rec Products Assembly Shop



Pro Products Assembly Shop



Inventory Storage

## Shockwave Product Parts

Shockwave has the service and support to keep your seats in excellent condition throughout their service life.

Professional parts (S2 & S3 helm, jockey & drop-down seats, specialty products & ICE) are sold directly through Shockwave's parts & service department.

Recreational product parts can be ordered through our parts & service department or in our online shop.

Contact our parts & service department:

✉ 1.778.426.8544

☎ support@shockwaveseats.com



Shockwave Seats on Life Proof Boat



Shockwave Seats on Titan Boat

## Support and Service

Everyone at Shockwave Marine Suspension Seating is passionate about what we do, whether it's getting out on the ocean, manufacturing products, or providing exceptional customer service. We can help you troubleshoot through email or phone. Real humans helping real people.

Contact our support & warranty department:

✉ 1.778.426.8544

☎ support@shockwaveseats.com



Shockwave Seats on Newport Coastal Boat

## Our Products

Shockwave is a premium brand known worldwide as a best-in-class suspension seat manufacturer. We design and manufacture all of our marine suspension products in Canada using high-performance components.

No one tests like Shockwave. We are based on Canada's West Coast and constantly test our products in real-world conditions in some of the most severe seas on the planet. We also conduct comprehensive drop testing and safety analysis in order to develop products that exceed the requirements of elite military organizations.

With ACCURIDE and AUTOTUNE technologies, we are able to provide an added layer of functionality, confidence and ease of use. These integrated systems provide immediate confirmation that the FOX MegaFloat H2O shock is set correctly for your body weight, while allowing for simple adjustments or on-the-fly shifts depending on sea conditions.



# Servicing Clients All Over The World

Some of our military customers include:

- Australian Army
- Australian Volunteer Coast Guard
- Brisbane Police
- Canadian Coast Guard
- Canadian Department of Fisheries and Oceans
- Canadian PWC
- Canadian Navy
- Royal Canadian Mounted Police
- Chile
- Colombian National Police
- Danish Special Forces
- Egyptian Navy
- Finland Navy
- French Commandos
- French Customs/ Border Patrol
- French Search and Rescue
- German GSG9
- Greek Coast Guard
- Iceland
- Indian Ministry of Defense
- Indonesia
- Irish Coast Guard
- Irish Navy
- Italian Special Forces
- Japan Special Forces
- Royal Jordanian Special Forces
- Korean Navy LCAC
- Lebanese Patrol
- Malaysian Coast Guard
- Mexico
- Netherlands Special Operations
- Norwegian Special Forces
- Polish Navy
- Qatar Armed Forces
- Romania
- Saudi Arabia Special Forces
- Slovenian Police Force
- Spanish Special Forces
- Swedish Navy
- Swedish Special Forces
- UAE Navy
- Ukraine
- UK Border Guard
- UK Ministry of Defense (MOD)
- United States Coast Guard
- United States Customs and Border Protection
- United States Navy
- US Special Forces
- Vietnam Search and Rescue

## Testing Under Real-Life Conditions

In 2001, Shockwave's founder David Smith travelled from Vancouver Island to Alaska in his 24' aluminum boat. For this trip, he developed a prototype suspension boat seat for his rough journey using his experience in race car suspension technology.

With his new suspension technology, David was able to travel so fast in rough seas that he outran the US Coast Guard along the way, catching their attention. This was the beginning of Shockwave Seats – a marine suspension technology company.

Nine years later, David embarked on another adventure, using it as an opportunity for product testing and proof of concept. He left St. John's Newfoundland in an open RHIB outfitted with his new ICE Console, to circumnavigate the Northwest Passage with fellow adventurer Bear Grylls.

This trip was only possible because of David's years of marine suspension seating development and his newest design, the Shockwave ICE (Integrated Control Environment).

This trip tested the new ICE Console and pushed it to its limits. This was the truest way to test Shockwave's technology – and prove its reliability and performance. Through harrowing ocean conditions, ice flows, severe storms, and unimaginably rough waters, the Shockwave ICE Console got David and his crew safely and quickly home through the Arctic Circle and back to Vancouver Island. This trip solidified Shockwave's position as the premier marine suspension company in the world.



Watch the documentary here:  
[Shockwaveseats.com/nwp](http://Shockwaveseats.com/nwp)

## Certified Performance

We constantly test and measure our products and have built them to be industry leading. All Shockwave products meet or exceed specifications and requirements for certification in both Canada and the US.

- Shockwave products are capable of mitigating dynamic exposure to levels below acceptable limits, as specified in ISO Standards 2631 Part I (1997) and Part 5 (2001); sections I4.4-I4.4.9.3 of ASTM F1166-07, NAVSEA T9006-AE-TRQ-010 and NSWCCD-80-TR-2015/010
- The suspension travel prevents the seat from hitting the suspension stops during an acceleration event 10 times the acceleration of gravity with an occupant up to the 95th percentile male in weight



Shockwave Seats on Divex Pro



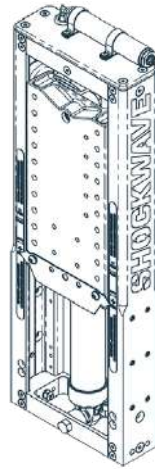
## Computer Design & Structural Verification

- All of our products are tested on the water
- We use SolidWorks Simulation to translate decades of on-water testing into smarter engineering. By digitally validating loads, stresses, and failure modes, we refine designs before they hit the water — creating lightweight, high-performance products built for durability.
- All major components are broken down for validation and tested individually
- We perform Drop Testing in-house to verify component strength and suspension performance

## High Load Limits

Our seats are designed to take abuse and are warranted to withstand heavy accelerations with full-occupancy in some of the roughest conditions open water provides.

Shockwave Seats are designed to withstand impacts in multiple directions when occupied by the weight of 5th percentile female to 95th percentile male occupants, including gear; in the case of ICE Consoles and Control Pods, this also includes installed gear and equipment.



Shockwave Seats on Brim Boat

## 100% Non-Ferrous Marine Grade Metals

All Shockwave products are designed with corrosion prevention in mind, and we use only the best, premium non-ferrous materials available today.

- All aluminum components are grade 5052 or 6061-T6
- Chromate Coated S5 Modules for Increased Corrosion Protection
- Welded and formed components are powder coated to exceed salt spray ASTM specification B-117 (equivalent to method 509.5 from MIL-STD-810G)
- Machined aluminum components are hard anodized to military specification MIL-A-8625, and pass salt fog testing method 509.2 from MIL-STD-810G
- 304 and 316 stainless steel is used for all steel brackets and machined components; 304 and 316 stainless steels pass method 2 salt fog testing from MIL-STD-810G



Shockwave Seats on Dongara Marine Boat

## Standard Accuride for All Payloads and Sea Conditions

ACCURIDE is a feature that provides immediate confirmation that the FOX Float H2O shock is set correctly for your body weight. It's an effective and intuitive system that brings the ultimate riding experience to our clients.





Shockwave Seats on Zodiac Hurricane

## Shockwave Partners



*Corbin*



## Proudly Canadian

Shockwave products are welded, assembled, painted, and built in Canada with materials supplied from our high-quality, high-performance partners; FOX Defense, Corbin Seats, Speedway Engineering, IGUS and BSCI Energy Management Systems, to name a few. Customers can be assured of the finest quality and workmanship.



Shockwave Seats on Life Proof Boat

■ **Join the Shockwave Community**

    @shockwavesSeats



**SHOCKWAVE**  
**A CANADIAN**  
**COMPANY**



 2074 Henry Ave. • Sidney, British Columbia • V8L 5Y1 Canada  [www.shockwavesSeats.com](http://www.shockwavesSeats.com)

 Call your local distributor for information

*FEEL BETTER. TRAVEL FARTHER.*