



SHOCKWAVE

MARINE SUSPENSION SEATING

RECREATIONAL PRODUCTS



FEEL BETTER. TRAVEL FARTHER.

SHOCKWAVE

MARINE SUSPENSION SEATING

Introduction to Shockwave

Shockwave is a western 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.

We design, develop and manufacture our products in Canada using premium quality materials and components, sourced in North America and Europe, to ensure that boaters are protected from the shock of wave impact. Our focus is on quality, safety, comfort and accessibility. We work hard to offer boaters an experience they would never have imagined.

Shockwave marine suspension seating is changing the way people think about marine suspension. We bring top quality suspension products to leisure boaters with our recreational and professional suspension product lines.

For more information visit **shockwaveSeats.com/rec**



Gulf Craft Oryx 379

Originally founded in 1980 as 'Professional Components'

Based in Sidney, BC, Canada

In 2001, Shockwave starts designing and manufacturing marine suspension seating with the US Coastguard as their first customer

The business quickly evolves into designing products for military and other commercial applications worldwide

In 2016, Shockwave designs the first products specifically for recreational applications

In 2021, Shockwave introduces the S5 Sentinel suspension base



Shockwave Test Boat

Simulation & Real-World Testing

Shockwave sets the standard for marine suspension seating through our unwavering dedication to ongoing refinement. Rigorous testing amidst the rugged landscapes of the Pacific Northwest, meticulous selection of locally-sourced materials, and the integration of custom valved and tuned shocks guarantee unparalleled quality.

- ⚙️ We use SolidWorks simulation software to analyze millions of variables that may cause stress on the components and parts of all our products
- 🔴 We perform Drop Testing in-house to verify component strength and suspension performance
- ⚙️ We break down all major components to validate and test them individually
- 🚢 We test all our products on our test boat in the Northwest Pacific Ocean – in some of the most severe sea conditions on the planet

More info shockwaveSeats.com/about

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 and Part 5;
- 🔴 The S2/S3 seat 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;



Our Manufacturing Facility

The Shockwave plant is spread out over 2 acres located near Victoria, BC, Canada. We have over 60 employees, and 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. Shockwave builds thousands of suspension bases and suspension seats every year at our plant and we deliver our products around the globe.



Powder Coating Shop & Ovens



Powder Coating



Fabrication



Welding

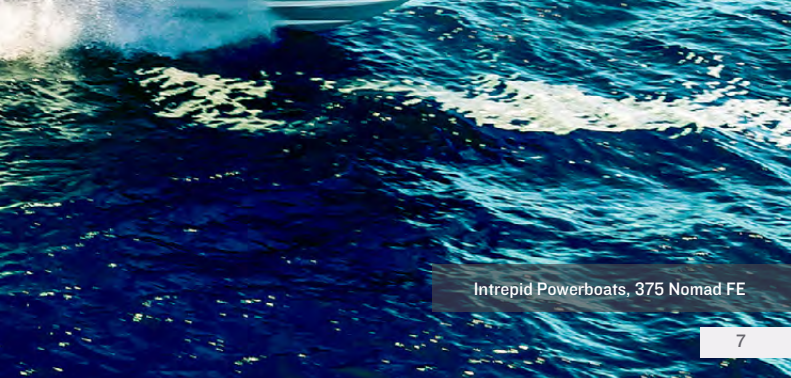


Product Storage & Inventory



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, helping customers choose the right product for their application, or providing exceptional customer service. We can help you troubleshoot through email or phone. Real humans helping real people.



Intrepid Powerboats, 375 Nomad FE

Shockwave Recreational Product Line

The Shockwave S5 Sentinel suspension base comes with a 100mm travel Shockwave FOX Float H2O air-sprung shock. It is easily and quickly installed in virtually any boat and can be mounted on a riser box or a short, stocky pedestal with minimal effort. The maximum occupant weight for the S5 Sentinel suspension base is 113 to 136 kg depending on speed and sea conditions.



A Shockwave high pressure pump is required to operate the Sentinel suspension base.

Shockwave Shock Pump | SW-01983



S5 Sentinel Suspension Base | Black | SW-07823-B



Features

- ✓ Surge protection: suspension travel is 100mm vertical and 38mm forward mitigating deceleration from wave impact
- ✓ Fully adjustable SHOCKWAVE FOX FLOAT H2O shock absorber for all payloads and sea conditions
- ✓ Superior lateral stability with new 4-link design
- ✓ Corrosion resistant: A360 marine grade aluminum, anodized finish, powder coating, nylon isolators between all non-similar metals.
- ✓ Stable 8 pivot design for higher loads and a smoother ride
- ✓ 316 stainless steel hardware
- ✓ High life cycle IGUS bushings

Benefits

- ✓ Can be paired with almost any seat with a common bolt pattern
- ✓ Easy to install
- ✓ Adjustable compression and rebound rate
- ✓ Minimal parts count and simple construction
- ✓ Designed and manufactured in Canada

SHOCKWAVE S5 SENTINEL



TRAVEL
100 MM 

S5 Sentinel Suspension Base | White | SW-07823-W

Setting Up the Shock at Install

- The FOX shock in the Sentinel must be pressurized at install
- Factory pressure setting is 100-150 psi
- Use the high-pressure pump to increase pressure in shock
- Shock should be pressurized to match the weight (in pounds) of the occupant
- If the shock is not pressurized correctly, the Sentinel will not operate properly and may bottom out
- Ensure pump and install manual are left on boat when sold

High Pressure Shock Pump

- Pump features a pressure gauge and bleed valve
- Maximum recommended inflation pressure of 325 psi
- Use as needed, after install, to adjust shock pressure for heavier or lighter person

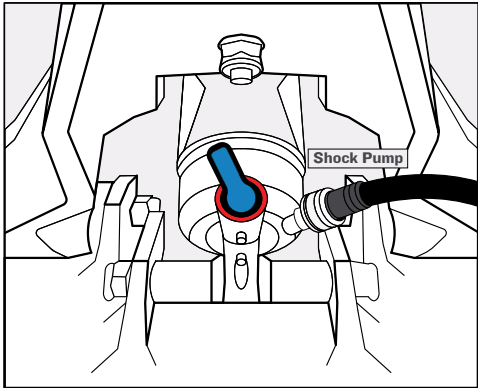


Shockwave Shock Pump | SW-01983

FOX Float H2O Shock Absorber



Air Valve



Shock Compression Adjustment (Lever)

Left, Soft:

- Switch for person 22-32kg lighter than regular occupant
- Operating in light sea conditions flat water, light chop

Middle, Medium: (regular occupant)

- Operating in moderate sea conditions

Right, Firm:

- Switch for person 22-32kg heavier than regular occupant
- operating in heavy seas

Set-up suspension base for regular occupant on medium mode.

Shock Rebound Adjustment (Dial)

- Change rebound rate depending on sea conditions
- Rebound slower (big waves) or faster (small choppy waves) by turning dial at base of shock
- Left to increase rebound rate, and right (clockwise) to slow rebound rate



Adjustments to Shock

Blue lever: Compression
Red dial: Rebound

Commander Seats



Commander Seat — Mid-Back

Black: SW-04920-B • White: SW-04920-W • Heavy-duty: SW-04920-HD

Designed to pair perfectly with the S5 Sentinel suspension base, the Commander is a lightweight, robust boat seat that comes equipped with folding armrests, a storage pocket, machined aluminum seat frames, fiberglass seat backs, closed-cell foam cushions and marine grade vinyl.

Commander Seat — High-back

Black: SW-06328-B • White: SW-06328-W • Heavy-duty: SW-06328-HD

This seat is perfect for long days on the water when neck and head support is preferred. Custom upholstery colors can be ordered for both the mid-back and the high-back seat.

S5 Jockey Suspension Seat

The S5 Jockey 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 FOX Float H2O air sprung shock, it features on-the-fly adjustments for firmness and rebound rate.

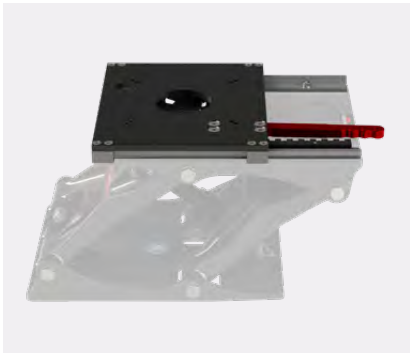
- ✓ Designed for comfort and durability in outdoor and saltwater conditions
- ✓ Seat cushions are made with closed cell foam and heavy-duty black fabric, well suited to recreational RIB or commercial applications.
- ✓ Custom fabric can be special ordered
- ✓ Easy to install
- ✓ Optional front & rear grab rails available
- ✓ This seat needs to be mounted to a riser box to provide the height needed for a comfortable ride. Custom aluminum riser box can be special ordered.

More info: shockwaveseats.com/jockey

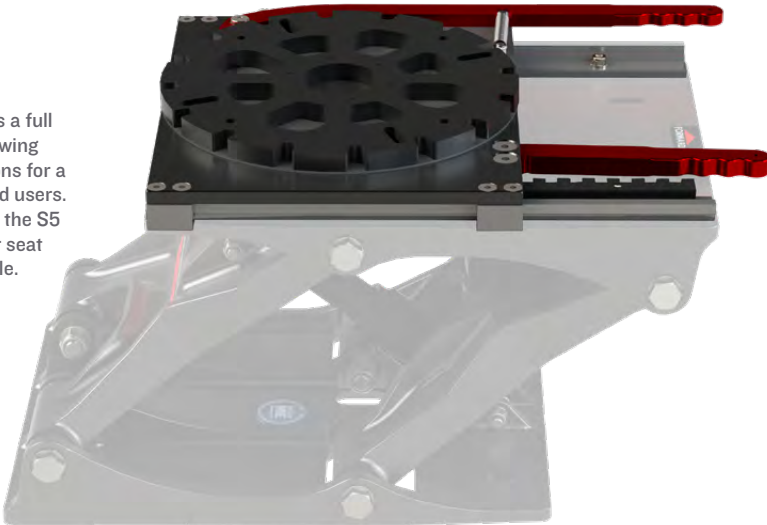


S5 Jockey Seat | SW-S5-2400 | Shown with optional front grab rail

Shockwave Accessories



Slide SW-05489
Our purpose-built slide offers a full 127mm of fore-aft travel, allowing for comfortable seating options for a wide variety of occupants and users. Our slide pairs perfectly with the S5 Sentinel and the Commander seat and offers a slim 38mm profile.



Swivel SW-05592
This robust 360-degree swivel is designed to pair with the S5 Sentinel and the Commander seat. A positive lock engages every 22.5° (16 positions).

Swivel Slide SW-05488
This swivel slide system has 127mm of fore-aft travel and features premium igus track and cars for smooth operation. The 360-degree swivel has a positive lock that engages every 22.5° (16 positions).



Find a dealer shockwavesSeats.com/dealers



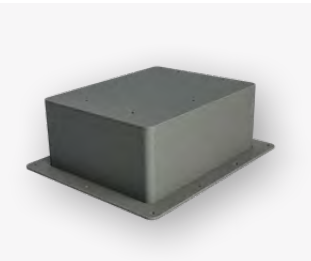
Shock Pump SW-01983
A Shockwave shock pump is required to operate the S5 Sentinel. The high-pressure shock pump features an integrated pressure gauge and bleed valve for simple adjustment with a maximum inflation pressure of 350 psi.



Bulkhead Mount Adjustable Footrest SW-07507
Our height adjustable folding footrest has 15cm of vertical travel and is foot operated for ease of use. It offers a stable platform 43cm wide and is designed to be bulkhead mounted on a console.



Cup Holder with Aluminum Bracket SW-01688
Shockwave offers an optional cup holder that can be attached to either side of the armrest of the Commander seat.



Riser Boxes
15cm: SW-07521 • 23cm: SW-07920
Shockwave offers riser boxes for customers needing additional height below their seat.



127x305mm Seat Adapter Kit SW-08290
The Adapter Kit allows users with non-Shockwave brand seats that have a 127x305mm bolt pattern to fit to Shockwave Swivels and Slides. The Adapter Kit accommodates both upward and downward bolt patterns.



S5 Jockey Grab Rails
Front: SW-04732 • Rear: SW-05476
Shockwave offers both a front and a rear grab rail for the S5 Jockey seat.

More info shockwavesSeats.com/rec



Military, Commercial, Recreational

We design and manufacture all of our marine suspension products in Canada using premium quality military-grade components.

- Over 35 professional seat configurations and an expanding recreational product range
- A huge variety of suspension seating systems customized for every application.
- Over 4,500 seats currently in service with US Coastguard
- Rigorous testing on North Pacific Coast of Canada
- Innovative, custom valved and tuned FOX shocks

Loki Boats; photo © Dolf Vermeulen

Servicing Clients All Over The World

Shockwave provides more suspension seats to military organizations around the globe than any other marine suspension seat company, including:

Europe

- French Commandos
- French Customs/ Border Patrol
- French Search & Rescue
- UK Ministry of Defense (MOD)
- UK Border Force
- Irish Coast Guard
- Irish Navy
- German GSG9
- Italian Special Forces
- Swedish Navy & Special Forces
- Finland Navy
- Polish Navy
- Greek Coast Guard
- Slovenian Police

Australia

- Australian Army
- Australian Volunteer Coast Guard
- Australian Border Forces
- Brisbane Police
- Queensland Police

Asia Pacific

- Korean Navy
- Japan Special Forces
- Malaysian Coast Guard

Others

- Mexican Navy
- Puerto Rico Marine Police

United States

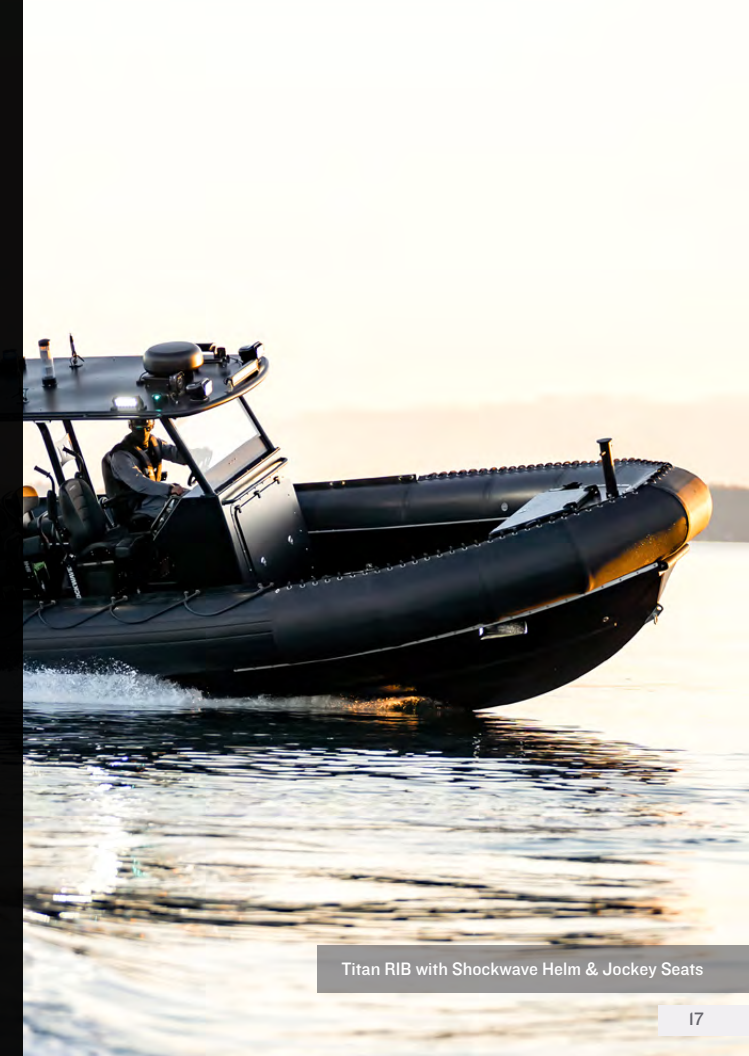
- US Coast Guard
- US Customs and Border
- Protection
- US Army
- US Navy
- US Special Operations Command

Canada

- Royal Canadian Mounted Police
- Department of Fisheries & Oceans
- Coast Guard
- Navy / Special Forces
- RCM-SAR

Middle East

- Qatar Armed Forces
- UAE Navy
- Lebanese Patrol
- Saudi Arabia Special Forces
- Royal Jordanian Special Forces



Titan RIB with Shockwave Helm & Jockey Seats

Professional Suspension Seats for Demanding Recreational Applications

The Shockwave S2 and S3 seats provide marine suspension for military, commercial and recreational markets. With several different options, each seat allows for multiple configurations depending on what is required for your boat. Manufactured in Canada with high quality materials, these premium seats are designed with function in mind to meet your boating needs.

- ✓ Available in 152mm and 203mm travel
- ✓ Robust military-grade components
- ✓ Multiple configurations and options
- ✓ Custom fabric available

More info: shockwaveSeats.com/pro



S2 Drop-Down Bulkhead Mount
Mid-back: SW-S2-I202-BM | High-back: SW-S2-I302-BM



S2 Flip Bolster Seat
Mid-back: SW-S2-I201 | High-back: SW-S2-I301

S2
TRAVEL
152 MM



S3
TRAVEL
203 MM



S3 Drop-Down Bolster Seat
(Shown with optional footrest in suspension)
Mid-back: SW-S3-TI202-FF2 • High-back: SW-S3-TI302-FF2



Zodiac Hurricane, CZ12

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