



PRODUCT CATALOG

SHOCKWAVE

MARINE SUSPENSION SEATING

FEEL BETTER. TRAVEL FARTHER.

SHOCKWAVE

MARINE SUSPENSION SEATING

TABLE OF CONTENTS

INTRODUCTION TO SHOCKWAVE

WHO WE ARE	2
PRODUCT OVERVIEW	4
THE SHOCKWAVE LINEUP	6

SHOCKWAVE PRODUCT CATEGORIES

S2 AND S3 PRODUCT OVERVIEW	8
S2 HELM AND PASSENGER SEATS	9
S3 HELM AND PASSENGER SEATS	10
S2 AND S3 JOCKEY SEATS	11
S2 AND S3 SPECIALTY SEATS	12
ICE — INTEGRATED CONTROL ENVIRONMENT	
ICE PRODUCT OVERVIEW	13
ICE PRODUCTS	15
THE NORTHWEST PASSAGE	17
S5 PRODUCT OVERVIEW	20
S5 MODULE AND ACCESSORIES	21
CORBIN SEATS	23
JOCKEY SEATS	24

ABOUT SHOCKWAVE

SHOCKWAVE HISTORY	25
SHOCKWAVE PRODUCT ATTRIBUTES	26
MORE ABOUT SHOCKWAVE PRODUCTS	27
SHOCKWAVE MOTORSPORTS	29
(RICK WARE SPONSOR AT NASCAR)	





PROTECTING BOATERS FROM THE SHOCK OF WAVE IMPACT

SHOCKWAVE is a Canadian company with a global presence, originally founded in 1965. We design and manufacture marine suspension seats for professional and recreational markets. It's our commitment to continual improvement, rigorous testing, safety standards and innovative shock module design, that protects boaters from the shock of wave impact.

Every company's success is a result of its people. Our team works with passion and dedication through each and every role. With state-of-the-art technology, superior design and quality components, we make the open-water accessible to customers.

We work hard to find the best solutions that offer boaters an experience they would never have imagined. As avid boaters ourselves, we understand what our customers value most – and we create the best marine suspension seats in the world to provide a safer, more comfortable and exciting ride.

We like to think of **SHOCKWAVE** as providing boaters access to open-water that otherwise might not have been possible.

FOR MORE INFORMATION ON EVERYTHING SHOCKWAVE VISIT SHOCKWAVESEATS.COM

SHOCKWAVE

WHO WE ARE

2



SERVICING TOP TIER CLIENTS ALL OVER THE WORLD

SHOCKWAVE Marine Suspension Seating has been selected and used in more contracts worldwide than any other seat manufacturer.

MAJOR CUSTOMERS:

United States Coast Guard

- Response Boat Small II
- Over the Horizon IV 7m RIB
- Over the Horizon III 7m RIB
- TANB 7m Vessel
- Shallow Water 7m Vessel
- Long Range Interceptor
- Boarding Team Delivery 11m RIB
- FRC 7m RIB

United States Customs and Border Protection –
33' Boarding Vessel

United States Navy

- 11m Patrol RIB
- 7m Patrol RIB
- Surface Warfare Center Stiletto 30m

• Fast Escort Vessel 20m

• Landing Craft Air Cushion (LCAC)

• Ship to Shore Connector(SSC)

US SOCOM – Combatant Craft Medium

Royal Canadian Mounted Police – 9m Boarding
Team Delivery

Canadian Department of Fisheries and Oceans –
7m and 9m Patrol

Canadian Coast Guard – 7m SAR boats

Canadian PWC – LAMS 9m Assault

Canadian Navy – Patrol

French Commandos – 7m

French Customs – 9m Pursuit

German GSG9 – 9m RIB's

Italian Special Forces – 9m Assault

UK Ministry of Defense (MOD)

Swedish Navy

Irish Coast Guard

Irish Navy

Finland Navy

Polish Navy

Japan Special Forces – 11m RIB's

Indian Ministry of Defense

UAE Navy – 36m Patrol

Qatar Armed Forces

Lebanese Patrol – 10m RIBS

Saudi Arabia Special Forces

Royal Jordanian Special Forces – 10m Assault

Australian Volunteer Coast Guard

Brisbane Police



OUR PRODUCTS

We design and manufacture all of our marine suspension products in Canada using military-grade components. Our patented Triple-Axis **Integrated Control Environment (ICE)** system provides unmatched protection and safety, revolutionizing what is possible on the water.

No one tests like **SHOCKWAVE**. We are based in the North Pacific 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 internationally.

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 Float H₂O shock is set correctly for your body weight, while allowing for simple adjustments or on-the-fly shifts depending on conditions.

THE SHOCKWAVE LINEUP



TRAVEL
6"IN



SHOCKWAVE S2



TRAVEL
8"IN



SHOCKWAVE S3

■ BENEFITS

The **SHOCKWAVE S2** and **S3** Suspension Seats can be customized and combined to create comprehensive marine suspension set-ups depending on mission or vessel requirements. With quick release and simple stowing functions, the S2 and S3 are manufactured with high energy absorption, form-fitting Corbin cushions, welded aluminum and stainless steel components.

■ APPLICATION AND VESSEL

The **SHOCKWAVE S2** provides 6-inches of shock travel and can be installed onto a riser or storage box. Its low profile design makes the S2 a great choice when space is limited or in an enclosed cabin.

The **SHOCKWAVE S3** provides 8-inches of shock travel and can be installed with additional controls and a footrest mounted directly to the seat. The S3 is a perfect fit for RHIBs or cabin boats.



TRAVEL
12"IN



SHOCKWAVE *ICE*

INTEGRATED
CONTROL
ENVIRONMENT

■ BENEFITS

Suspending occupants, controls and electronics in a single unit allows for increased mission capacity and the ability to communicate while at high speeds. With military-grade shock protection from all directions, crew and occupants experience less fatigue and impact injury. **SHOCKWAVE ICE** consoles also easily integrate proprietary or standard electronics and controls and are fully customizable depending on vessel requirements.

■ APPLICATION AND VESSEL

SHOCKWAVE ICE consoles are ideal for elite mission or safety vessels that require unmatched protection from wave impact for occupants and controls. **SHOCKWAVE ICE** consoles are designed and manufactured in Canada and can be customized to a range of specifications.



TRAVEL
4"IN



SHOCKWAVE *S5*

■ BENEFITS

Designed with affordability in mind and minimal components, the **S5** can be easily installed on either a riser box or pedestal and is compatible with an array of different seats, including the **SHOCKWAVE Corbin2**. The durable construction extends time on the water, absorbing wave shock and preventing both high-impact and cumulative injury.

■ APPLICATION AND VESSEL

The **S5** can be used for commercial or recreational purposes. Sold in both black and white, the **S5** can be fitted to any vessel, bringing **SHOCKWAVE** military grade marine suspension to any boat. From offshore fishing vessels to coastal cruisers, the **S5** minimizes wave impact and allows operators to extend their time on the water.

SHOCKWAVE

S2 S3

I OVERVIEW

The **SHOCKWAVE S2** and **S3** Suspension Seats provide customized marine suspension solutions for professional boaters. With several different options, including helm, jockey or drop-down seats, each seat allows for multiple configurations depending on what is required by the vessel. Manufactured in Canada with military grade non-ferrous materials, the seats are designed with function in mind and can be removed, stowed, locked or repositioned to suit the mission profile. These seats are compatible with an array of **SHOCKWAVE** marine suspension options.

*“The reason we chose the **SHOCKWAVE S2**, is that it makes the boat so much more versatile.”*

MICAH BOWERS
CEO, Life Proof Boats



SHOCKWAVE S2 S3

FOR MORE S2 AND S3 SPECS VISIT SHOCKWAVESEATS.COM/PRO



Also available with a mid-back seat
[SW-S2-1200](#)



FEATURED S2 MODEL

S2 HIGH-BACK

[SW-S2-1300](#)

Our best selling S2 helm seat offers unparalleled ergonomics for comfort and performance. This helm seat can be mounted on a seat riser, storage box or even bulkhead mounted. Commonly used on cabin boats for moderate to heavy sea conditions.

SHOWN WITH

- Folding Armrests
- Height Adjust
- Deck Slide
- Corbin High-back Seat

S2 MODELS - ACCESSORIZED MODELS SHOWN



Also available with a high-back seat
[SW-S2-1302-BM](#)

S2 MID-BACK DROP-DOWN BULKHEAD MOUNT

[SW-S2-1202-BM](#)

This vertical drop-down seat allows the user to sit or stand while offering superior comfort in both positions. This compact and lightweight helm passenger seat is commonly used on cabin boats for moderate to heavy sea conditions.



Also available with a high-back seat
[SW-S2-1301](#)

S2 MID-BACK FLIP BOLSTER

[SW-S2-1201](#)

Another popular S2 helm or passenger seat. This seat offers a flip bolster enabling occupants to sit or stand while providing superior ergonomics and performance.

S2 AND S3 ACCESSORIES

BULKHEAD MOUNT
ADJUSTABLE FOOTREST

CUPHOLDER

DECK ROTATOR

DECK SLIDER

FOLDING ARMREST

FRONT GRAB RAIL

HAND GRIPS

REAR GRAB RAIL



**TRAVEL
8 IN**

HELM AND PASSENGER SEATS

S3

SHOCKWAVE S2 S3

FEATURED S3 MODEL

S3 MID-BACK DROP DOWN

SW-S3-T1202

This industry leading S3 helm seat offers superior design while delivering comfort and safety. The sit or stand drop-down seat can be deck or bulkhead mounted. Commonly used on open RHIB boats for the most demanding sea conditions. Optional footrest automatically folds when drop down seat is stowed or deployed.



Also available with a high-back seat
SW-S3-T1302

SHOWN WITH

- Folding Armrests
- Deckmount
- Corbin Mid-back Seat
- Height Adjust
- Folding Footrest in Suspension

S3 MODELS - ACCESSORIZED MODELS SHOWN

Also available with a mid-back seat
SW-S3-12014



S3 HIGH-BACK FLIP BOLSTER WITH STORAGE

SW-S3-13014

This S3 solution will transform your vessel with its versatility. Boasting a flip bolster and storage, this seat is a winner. Commonly used in cabin boats for the most demanding of conditions. The storage box below is useful for stowing personal effects.

Also available with a high-back seat
SW-S3-1304



S3 MID-BACK WITH STORAGE

SW-S3-1204

Our most comfortable S3 helm seat offers best-in-class ergonomics and can be bulkhead mounted or deck mounted. Most commonly used in cabin boats for the most demanding sea conditions. The storage box is useful for stowing and protecting personal effects.

S2 AND S3 ACCESSORIES CONTINUED

HORIZONTAL ADJUST
SEAT SLIDER

FOLDING FOOTREST

FOLDING FOOTREST
IN SUSPENSION

LAPBELT

REAR MOUNTED
FOOTREST

SHOCK PUMP

SHOULDER BELTS

STANDARD
DECKMOUNT

VERTICAL ADJUST

FOR MORE S2 AND S3 SPECS VISIT SHOCKWAVESEATS.COM/PRO

HELM AND PASSENGER SEATS

S2 S3 | JOCKEY SEATS

TRAVEL 6"  TRAVEL 8"



S3 JOCKEY
SW-S3-2400



FEATURED S2 AND S3 JOCKEY MODEL

S2 JOCKEY LOW-PROFILE

SW-S2-2400-LP

These low-profile jockey seats are the perfect shock mitigation solution for mounting to risers or when seats need to be low to the deck. Seats are compact, lightweight and suitable for most payloads and sea conditions. The FOX Float H₂O shock absorber with 6-inches of travel and ACCURIDE will soak up high energy offshore wave impact.

SHOWN WITH

- Deckmount
- Low-profile Seat Back
- Rear Grab Rail
- Storage Box

S2 AND S3 JOCKEY MODELS - ACCESSORIZED MODELS SHOWN



S3 JOCKEY WITH STORAGE

SW-S3-2404

A popular high travel jockey seat designed for heavy duty deck mounted applications where feet in suspension may be needed. Optional under seat storage provides dry, shock mitigated protection for personal effects.

This seat is shown with optional folding footrest and front handrail.



S3 JOCKEY FOLDING REAR MOUNT

SW-S3-2403-RM

Designed to maximize space, these jockey seats can be paired or used alone. Long travel seats designed for heavy duty, deck or bulkhead mounted applications where feet in suspension may be needed. Seat shown with front handrails.

S3 JOCKEY FOLDING FRONT MOUNT

SW-S3-2403-FM

S2 AND S3 JOCKEY ACCESSORIES

ANGLED DECK TRACK	CUPHOLDER	DECK TRACK END CAP	DECK TRACK HARDWARE ASSEMBLY	JOCKEY POD FOOTREST ASSEMBLY	FRONT HANDRAIL
QUICK RELEASE DECK TRACK LATCH	REAR GRAB RAIL	S3 DECK SLIDER	S3 DOUBLE DECK MOUNT	S3 FRONT MOUNT FOOTREST ASSEMBLY	S3 STANDARD DECKMOUNT
				S3 VERTICAL ADJUST JOCKEY	SHOCK PUMP

SPECIALITY SEATS | S2 S3

SHOCKWAVE S2 S3

FEATURED SPECIALTY SEAT MODEL

S3 JOCKEY CONTROL POD

SW-S3-6404-CP

The Jockey Control Pod offers an 8-inch travel FOX Float H₂O shock absorber with ACCURIDE. Our patented load stabilization second-shock system eliminates racking and allows our pods to perform perfectly with high instrument or control payload.



SHOWN WITH

- Storage Box
- Deckmount

S2, S3 AND S4 SPECIALTY SEAT MODELS - ACCESSORIZED MODELS SHOWN



BULKHEAD MOUNT S2 FOLDING TROOP SEAT

SW-S2-5603

Maximize your carrying capacity with versatile folding troop seats offering advanced shock mitigation for big payloads and heavy sea conditions. These troops seats are bulkhead mounted, compact, and auto-folding, and they offer high performance S2 suspension.



WALL MOUNT FOLDING LEFT/RIGHT OPTION

SW-WM4700

Versatile wall mounted seats fold away when not in use. They provide full body suspension when deployed. FOX Float H₂O shocks with 8-inches of travel will readily absorb the impact of offshore waves.



S4 HELM CONTROL POD

SW-S4-6404-CP

Tested and proven with our most demanding clients, the durable Helm Control Pod offers a 12-inch travel FOX Float H₂O shock absorber with ACCURIDE. Our patented load stabilization second-shock system eliminates racking and allows our pods to perform flawlessly with a high instrument or control payload.



TRAVEL
12" IN

JOCKEY AND SPECIALTY SEATS

SHOCKWAVE ICE

I OVERVIEW

The **SHOCKWAVE Integrated Control Environment (ICE)** is a patented suspension console that suspends occupants, controls and electronics inside a single unit. Manufactured in Canada, the ICE is the only fully contained triple-axis marine suspension console on the market and is already in use with the US and Canadian Coast Guard, European Law Enforcement, the US Navy Seals SOCOM boats and countless other elite marine organizations. Its triple-axis design and 12-inch FOX Float H₂O shocks provide protection from wave impact in all directions, providing occupants increased safety and ability to travel at high speeds in extreme conditions.



“When it comes to shock-mitigation technology there truly is nothing superior to the SHOCKWAVE ICE consoles.”

TODD SALUS USN(Ret.)/USCG Master
VICE PRESIDENT, OCEAN CRAFT MARINE

**ICE3 FIVE-PERSON
WITH ROOF**

Shown with optional
enclosure frame



AU Patent No. 2016228135
CA Patent No. 2,975,911
EU Patent No. 16758394.7
US Patent No. 9,422,039





Also available
without roof
SW-ICE3005

ICE3 FIVE-PERSON WITH ROOF

SW-ICE3005R

The **SHOCKWAVE ICE3** is a unique, five-person console ideal for high speeds and critical missions. Patented, triple-axis suspension protecting occupants from all directions, 12-inch FOX Float H₂O racing shock absorbers and AUTOTUNE functionality for making adjustments while travelling at high speeds. The ICE3 is a versatile marine suspension solution that incorporates military-grade design and components. The ICE3 comes with a roof to protect occupants from weather, but can also be delivered without a roof.

ICE3 FEATURES

- AUTOTUNE allows for on-the-fly adjustments
- Patented triple-axis suspension
- Compatible with the full range of **SHOCKWAVE** products
- Comes with or without roof



Also available
without roof
SW-ICE3002



ICE3 TWO-PERSON WITH ROOF

SW-ICE3002R



ICE3 SIX-PERSON WITH ROOF

SW-ICE3006R

ICE ACCESSORIES

CUPHOLDER

FOLDING ARMREST

HAND GRIPS

HATCH

HATCH COVER



**PRODUCT SHOWN:
ICE3 TWO-PERSON**

Image courtesy of © 2018 John Linn, Adventure Studios

ICE4 FIVE-PERSON

SW-ICE4006

The ICE4 is a patented 5-person, suspended console with jockey seats, designed to provide advanced, adjustable, multi-axis shock mitigation for vessel crews, electronics and personal effects. It is lighter weight than the ICE3, compact and offers an optional folding radar arch. The ICE4 structure can also accommodate climate controls, weather protection, sensors and antennas. This unit has fully adjustable 12-inch FOX Float H2O racing shock absorbers located on each corner and a sway bar to limit roll. It can be configured to accommodate 4 to 6 passengers.

ICE4 FEATURES

- AUTOTUNE allows for on-the-fly adjustments
- Patented triple-axis suspension
- Jockey style seats
- Radar arch



ICE ACCESSORIES CONTINUED

CANVAS

LAPBELT

RADAR ARCH

SEAT SLIDER

SHOULDER BELTS

FROM A DREAM TO REALITY: HOW SHOCKWAVE ICE REVOLUTIONIZED MARINE SAFETY

The best way to understand how marine suspension products respond in extreme conditions is to test them in real world environments. In 2010, at the request of adventurer Bear Grylls, **SHOCKWAVE** Marine Suspension Seating founder, David Smith, set off on an adventure that would not only prove his product, but also set records along the way and challenge what is possible on the water.

At the time of the adventure, Grylls was looking for a boat that could support his team as they navigated through the Northwest Passage. It promised to be a rough section of water and he'd heard about a Canadian company called **SHOCKWAVE** that was working on marine suspension products. He got in contact with Smith and asked if he would be willing to ship a boat to the Arctic for him to use for this treacherous journey.

At the time, Smith was just finishing development of an Integrated Control Environment (ICE), which suspended occupants and controls in a single unit, protecting them from all directions.

Eager to prove his product but not satisfied to just ship the boat north, Smith did something not many would consider: he chose to bring a boat to St. John's, Newfoundland, and then travel up into the Arctic Circle to meet Grylls and his team in person. It was a dangerous and ambitious mission. He had to refit a 33-foot, open-hull RHIB with an ICE console. He modified the hull and bilge to carry extra fuel. He was going to have to travel through ice, fog and fast moving tides. At this stage, he'd never put an ICE through such an extended journey and everything was on the line – the safety of his crew, the concept behind his product, and his company.

THE JOURNEY TO THE NORTHWEST PASSAGE

With serious planning and a sense of adventure, Smith and a small crew set off from St. John's Newfoundland and almost immediately ran into trouble. The fog came in heavy and the ice packs were closing in. But because they were in an ICE, the team was able to race through the danger with minimum stops all the way to Pond Inlet.

Dave made it to the meeting point, setting records along the way for many of the passages – something that would continue throughout the journey. When Grylls and his team met Smith's boat they were all astonished by the speed at which they'd travelled – a sentiment that was echoed when Grylls boarded the ICE and took it out on the water.



COMPLETING THE JOURNEY

The original plan for the trip was to drive the boat to Pond Inlet, then truck it back to Vancouver Island. But once David Smith reached the summit, Bear Grylls encouraged him to keep going – all the way around Alaska, through the Bering Sea and down the Pacific Coast of Canada. And he took the challenge. Smith set off from Pond Inlet and travelled the entire way around, completing a navigation from East to West coast of North America through the Arctic Circle – something he attributes to the durability and capability of the **SHOCKWAVE ICE**.

MARINE SUSPENSION GOES BIG

The Northwest Passage journey was a true proof of concept. No one at the time had ever considered doing what he did in a 33-foot RHIB – and he was wildly successful. Following the journey, there was no doubt in anyone's mind that Marine Suspension Seating was an important next phase for marine safety. The **SHOCKWAVE ICE** and other **SHOCKWAVE** Marine Suspension Seating are currently in use by the US Navy, Coast Guards and countless other organizations who wanted to increase mission capability while providing better support and safety for their crews.



This record setting adventure is documented in a 6-part mini-series found on our website. WWW.SHOCKWAVESEATS.COM/NWP



SHOCKWAVE

S5

OVERVIEW

The **SHOCKWAVE S5** is designed to revolutionize the recreational boating market. The S5 gives boaters access to marine suspension technology that we have tested for years with military clients, providing them with on-the-water experiences like they never had before. The S5 is redefining the standard of marine suspension seats, and is part of an extensive recreational product line to serve boating enthusiasts of every kind. This product line helps boaters to be better protected from the shock of wave impact. We use a RockShox shock with limitless pressure settings for all occupants, three shock compression adjustments to change on the go and up to 2-inches of height adjust — you can't find better versatility. Couple the S5 with a Corbin2 seat and you won't find a better boating experience.

“It’s like riding on a cushion of air.”

JESSE LEGG

FISHING GUIDE, SOOKE BC



S5

MARINE SUSPENSION MODULE



SHOCKWAVE S5

FOR MORE INFORMATION AND TO SEE THE S5 IN ACTION VISIT SHOCKWAVESEATS.COM/S5

S5 | MARINE SUSPENSION MODULE

TRAVEL
4" IN 

S5 MARINE SUSPENSION MODULE - BLACK

SW-05026

The **SHOCKWAVE S5** fits on virtually any boat and seat, allowing boats of any size or design to benefit from suspension seating on the water. With the S5, boaters can feel confident in a range of sea states. You'll find there is reduced impact on the body allowing you to travel farther with less physical fatigue.



■ S5 ACCESSORIES

SLIDE

SW-05489



Our purpose-built S5 slide offers a full 5-inches of fore-aft travel allowing for comfortable seating options for a wide variety of occupants and uses.

SWIVEL SLIDE

SW-05488



This swivel slide system is designed with corrosion resistance and 5-inches of fore-aft travel. The 360-degree swivel locks in place in any of 16 positions for excellent versatility.

SHOCK PUMP

SW-01983



The high-pressure shock pump (required) features an integrated pressure gauge and bleed valve for simple adjustment with a max pressure of 350 psi.

HEIGHT ADJUST

SW-05047



Our height adjust system integrates seamlessly with your S5 to provide a full 3-inches of vertical travel at the touch of a button.

SWIVEL

SW-05592



This 360-degree swivel is designed for the S5 with corrosion resistance and locks in place in any of 16 positions for excellent flexibility.

LAPBELT

SW-04258



For those who need an extra level of safety and security, **SHOCKWAVE** offers a lapbelt for the Corbin2 seats.

MARINE SUSPENSION MODULE | **S5**

SHOCKWAVE S5

S5 MARINE SUSPENSION MODULE - WHITE

SW-05026-BW



**“The S5 saved my back and
got me on the water again.”**

DON PARKER
LIFETIME FISHERMAN



S5 PRODUCTS

FOR MORE INFORMATION AND TO SEE THE S5 IN ACTION VISIT SHOCKWAVESEATS.COM/S5

S5 | CORBIN2 SEATS



■ FEATURED S5 SEAT

CORBIN2 SEAT BLACK

SW-04920-B

The **SHOCKWAVE CORBIN2** seat is designed to add an extra element of comfort and support for our S5 module. Crafted in the US, these seats are the definition of quality and strength, made using the best materials available today. It comes in three colours: Onyx (Black), Desert (Tan) and Storm (White).

This seat is also available with heavy duty fabric designed to withstand the most extreme outdoor conditions and heavy use.

■ ALSO SOLD IN

CORBIN2 SEAT WHITE

SW-04920-W



CORBIN2 SEAT TAN

SW-04920-T



CORBIN2 SEAT HEAVY DUTY FABRIC

SW-04920-HD



■ **FEATURED S5 JOCKEY**

**S5 JOCKEY
WITH STORAGE**

SW-S5-2400

The **SHOCKWAVE S5** Jockey offers an integrated seat frame to minimize weight. The shock absorber features adjustable spring and rebound rate for any payload and sea condition. It comes with a closed cell foam cushion, and heavy duty fabric called 'Grabber', designed for comfort and durability in extreme outdoor conditions. One of our most compact solutions, it's ideal for refits or custom builds.



■ **SHOWN WITH**

- Jockey Wide Handrail
- Storage Box

■ **JOCKEY ACCESSORIES**

**JOCKEY WIDE
HANDRAIL**

SW-04732

A wide profile grip provides enhanced ergonomics and increased grip surface to ensure a safer ride at high speeds.



**SHOCK
PUMP**

SW-01983

Required to set the correct pressure in the shock suspension module.





SHOCKWAVE HISTORY

SHOCKWAVE is the culmination of over five decades of work.

Originally founded as Professional Components Ltd. by David Smith in 1965, our company was created to develop, build and supply safety products for NASCAR racing vehicles. We focused heavily on chassis suspension and driver safety, which eventually led to the shock mitigation technology found in all of our products today.

In the years since founding, Professional Components has developed and built safety equipment for a range of different uses, including ambulances, buses, submarines, boats, and for various marine applications such as weather buoys. With each new challenge, our capacity and understanding of marine safety environments has evolved, taking us toward new and fascinating uses for our technology, with a spirit of ambition, excitement and hard work.

Today, we still test like no one else. We have a fleet of boats dedicated to putting our products to the test in some of the most challenging waters in the world - the North Pacific. In-water testing is backed by laboratory testing in a controlled environment. **SHOCKWAVE** was the first marine suspension seat builder to have its own drop testing system and continues to lead in the field of certified performance. Our race bred heritage continues today with the **SHOCKWAVE** Motorsports team. There is a direct connection between suspension technology in racing and how we design our marine suspension products. We continually challenge ourselves to learn from other industries and racing is one of the best in terms of innovation.



CCM manufactured by Vigor Works

STRATEGIC PARTNERS

FOX DEFENSE - SHOCKS

SHOCKWAVE Seats feature the FOX Float H2O, a suspension shock developed in tandem with FOX Defense and our company to meet specific marine and military requirements. We are the only marine shock mitigation seat company that works directly with FOX Defense. SHOCKWAVE shocks are not off-the-shelf FOX shocks.



CORBIN - SEAT CUSHIONS

SHOCKWAVE seat cushions are manufactured in the United States by world renowned motorcycle seat manufacturer Corbin, who sculpts them to our specifications for maximum durability and support. We chose Corbin as our cushion manufacturer because standard marine chairs just don't make the grade. Shock mitigation requires specific design requirements and our products take an elevated level of abuse in extreme marine environments – so it is important for us to work with a company that is able to build cushions that are incredibly durable and lightweight. Corbin gives us a premium product of the highest quality. SHOCKWAVE offers Corbin cushions in a non-shock mitigated form for those applications where not all seats on a vessel need shock mitigation, supplying high comfort and consistent style to the entire vessel.

Corbin

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. 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.

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
- Welded and formed components are powder coated to exceed salt spray ASTM specification B-117 (equivalent to method 509.2 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 509.2 salt fog testing from MIL-STD-810G

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.

- Manual Air Pump
- Pressure Gauge in 10lb Increments
- Adjustable Extra Volume Canister
- ACCURIDE Decal to Provide Quick Check of Ride Height



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 separately applied accelerations when occupied by the weight of 5th to 95th percentile occupants, including gear; in the case of ICE Modules and Control Pods, this also includes installed gear and equipment.

Single-Axis Seats

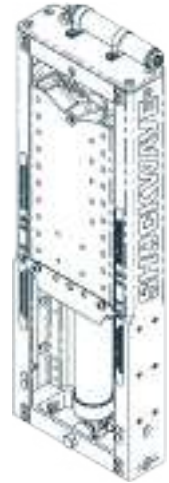
330lbs/150kg

Single-Axis Control Pods

440lbs/200 kg

ICE Systems

up to 2200lbs/1000 kg



THREE LEVELS OF BOTTOMING PROTECTION

Our system has been tested and proven in the most severe open water conditions possible and can withstand most anything you can throw at it. However, to ensure absolute safety and remove risk in the extremely unlikely event that a shock fails, **SHOCKWAVE** Marine Suspension Seating provides three levels of bottoming protection.

LEVEL ONE: PROGRESSIVE RATE AIR SPRING

The spring rate increases as stroke increases. It is impossible to fully compress the air in the air spring at the end of the stroke. The spring rate ramps up to 3000lbs at full compression.

LEVEL TWO: RUBBER BUMP STOP

Should there be the unlikely event of decompression the shock absorbers have a rubber bump stop internally that will prevent the suspension from bottoming.

LEVEL THREE: BUILT-IN ABSORPTION CUSHION

The cushion material is an energy absorbing foam developed for NASCAR seats, providing an extra level of protection. Along with the roll bar padding and rubber bump stop, our systems cover you three-fold in the unlikely occurrence of a failure.



OUR DRIVER

David Smith is the driver for **SHOCKWAVE** Motorsports. He started his professional career in NASCAR nearly four decades ago building chassis. Smith's return to the racetrack has brought him full circle, developing some of the world's best safety products and re-energizing his passion for racing. Everything he does on the track comes back to his marine suspension seating, helping **SHOCKWAVE** push speed and safety limits on the water that were previously unattainable.



SHOCKWAVE

Motorports

RACE BRED HERITAGE

SHOCKWAVE's heritage dates back over four decades to the development, building and supplying of safety products for NASCAR racing vehicles. It was this technology and know-how that led us to develop suspension seats and consoles for marine use.

In a move to immerse ourselves in that experience again, we have developed and sponsor a **SHOCKWAVE Motorsports Team**. As a company, we identify problems, develop solutions and build winners from the ground up. We've invested in a Trans Am team to win races while increasing the quality of our products across the board, helping us maintain our position as leaders in our industry. There is a direct connection between suspension technology in racing and how we design our marine suspension products. We continually challenge ourselves to learn from other industries and racing is one of the best in terms of innovation. We are passionate about Trans Am and **SHOCKWAVE Motorsports**. Dave Smith, our Founder and CEO, drives our **SHOCKWAVE S5** car – and at the end of the day we really just love pushing limits and having fun!



**JOIN THE
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