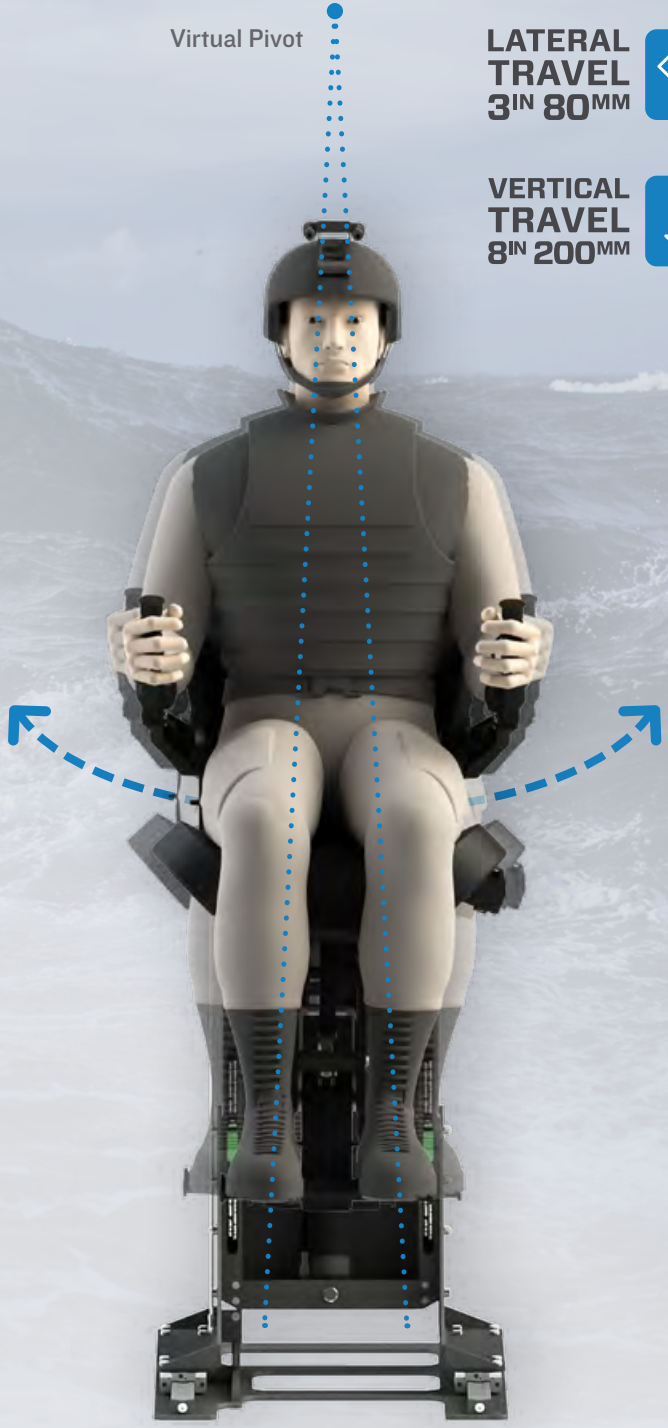
NEW PRODUCT

S3 MAX MULTI-AXIS SEAT



S3 MAX Multi-Axis Seat

The new S3 MAX multi-axis shock mitigation seat represents a major innovation in safety for high-speed vessel crews and is designed to help reduce chronic brain trauma. The design was driven by the US military, to keep the occupants head as stable as possible when experiencing repetitive wave impact. This patent-pending design is specifically developed to help reduce lateral impact forces by stabilizing the occupant's brain when experiencing high-speed, wave-slamming in extreme sea conditions.

Building on the proven vertical shock absorption of the current Shockwave S3 suspension seats, the S3 MAX introduces lateral shock absorption, enabling the seat to move side-to-side in response to side wave impact. This virtual high-pivot, multi-axis design delivers predictable, natural motion that enhances comfort, minimizes head movement, and reduces brain trauma — a critical factor in preventing long-term neurological damage and Chronic Traumatic Encephalopathy (C.T.E.), a degenerative brain condition linked to repetitive high-impact trauma.

MULTI-AXIS SEATS

SHOCKWAVE

S3 MAX
MULTI-AXIS SEAT

SHOCKS BY FOX

S3 MAX Multi-Axis G-Force Seat
SWP-I344A

VERTICAL TRAVEL 8IN 200MM

LATERAL TRAVEL 3IN 80MM

Enhanced Safety & Comfort for Extreme Conditions

The new S3 MAX multi-axis seat takes safety and comfort to a new level for professional and military vessel operators and crew working in extreme weather conditions.

Building on the industry-leading S3 suspension that provides 8-inches (200 mm) of vertical wave impact shock absorption through the FOX Float H20 air sprung shock, the S3 MAX addresses the effect of side-on wave impact through a lateral shock absorption system that keeps the head of the seated crew member in a stable, static position by pivoting the seat to absorb the lateral acceleration forces. The virtual high-pivot design of the lateral suspension delivers predictable sideways motion that moves naturally with the body for optimal comfort and head stabilization.

A ground-breaking engineering design with a patent pending, the S3 MAX multi-axis suspension is designed to minimize chronic brain trauma, affecting mariners who make their living on the water as part of the Navy and Special Forces elite high speed boat crews.

Side-to-Side Travel

3.15 inches (80mm) of responsive lateral movement absorbs side impacts and lateral accelerations.

Hydraulic-Damped Stability

Precision damping ensures controlled, fluid motion in dynamic conditions.

Engineered for the Unexpected

Stay stable and supported through turns, chop, and wave slamming.

2025 MARINE SHOCKWAVE Patent Pending SUSPENSION SEATING

Seat Models & Cushion Options

The multi-axis shock mitigation system is available on most S3 seat models and compatible with all standard accessories.

G-Force Bolster Seat Cushions:

Built tough for mission-specific duty, the G-Force seat features visco-elastic foam that absorbs impact and reduces point loading. Reinforced upholstery and kidney bolsters protect against wear from belt-mounted equipment. Commonly used in military applications, the upholstery is easily replaceable to extend the seat's service life.

Corbin High-Back and Mid-Back Seat Cushions:

Widely used in commercial and government vessels, the Corbin seat offers excellent support and comfort. Available in regular or heavy-duty upholstery, its closed-cell foam enhances the FOX shock's wave impact absorption. Options include a fixed seat or a handle-operated drop-down bolster seat.

Vessel & Product Application

Navy, Army and Special Forces high-speed boat crews.

S3 MAX
MULTI-AXIS SEAT

S3 MAX Multi-Axis Corbin High-back or Mid-back Seat
Mid-back: SW-S3M-TI202-FF2-HA-HD
High-Back: SW-S3M-TI302-FF2-HA-HD

SHOCKS BY FOX

MULTI-AXIS SEATS

SHOCKWAVE

2025 MARINE
SHOCKWAVE
Patent Pending
SUSPENSION SEATING

S3 MAX
MULTI-AXIS SEAT

Key Features

Multi-Axis Design
Unlike vertical-only shock mitigation seats, the S3 MAX adds lateral suspension to help stabilize the occupant's head during side-to-side wave impacts.

Military-Inspired
Engineering: Developed in response to findings about C.T.E. in elite Navy speedboat crews exposed to extreme forces during wave slamming.

Patent-Pending Innovation
The world's first virtual high-pivot design delivers intuitive lateral movement that naturally follows the body for optimal comfort.