



# Zero G1

## FEATURES

- **Superior Shock Mitigation**
- **Comfortable also when standing**
- **Light Weight**

### The Zero G1 Shock Mitigation Suspension Seat

The Zero G1 is a suspension seat that outperforms all others in the critical area of shock mitigation and impact absorption. The seat design optimizes body posture, and provides economical and compact seating for RIB's and other open boats, no matter how rough the sea is.

### Reduced impact exposure and energy consumption

The secret of a good suspension seat is to de-accelerate the body over the greatest distance possible and in a controlled uniform manner. With the Zero G1 seat this has been achieved by using a proprietary shock absorber featuring an air spring. The shock absorber is produced by Fox Defence and utilizes the latest Kashima coating. The combined efforts of shock absorber and suspension geometry results in a seat that starts off soft and when the spring rate rises as it compresses, the person is slowed down gently and progressively. This also reduces the energy consumption, making travelling at high speed much more effortless, compared to traditional fixed seats.

### Virtually Maintenance free

The Zero G1 combines these features with the ability to be fully adjustable to the size and weight of individual crew members. Constructed from military specification anodized alloy and advanced plastics, it can endure persons with a weight of up to 190 kilos, and is virtually maintenance free. It can be used behind consoles or as stand alone seating, and can be configured with front and rear handrails and optional seat belts for added safety and security to crews.

### Enhanced Balance Control

The Zero G1 is a very light seat, and also has the inherent quality of enhancing balance control when standing. This is achieved with a long and narrow cushion, that allows the user to place the feet on both sides and squeezing the legs against the seat to maintain the balance in rough sea, while always being able to sit comfortably if needed.

### Made in Denmark

The seat is designed and manufactured at the headquarters of Tornado Boats Internationals in Aarhus, Denmark, and can be supplied to customers worldwide.



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- The narrow seat design provides more balance control when standing over the seat
- Outperforms any other light weight seats in terms of shock absorption
- Reduce risk of injuries
- Reduce physical fatigue
- Do not bottom-out
- Do not break
- Do not corrode
- Do not need any maintenance
- Very light weight
- Used by professionals in demanding conditions for many years with zero failures
- Proprietary shock absorber from Fox Defence

## TECHNICAL SPECIFICATIONS

Seat Height adjustable (unloaded)	710-830 mm
Suspension Travel	195 mm
Spring Rate adjustable to suit persons with weight	50-190 kg
Airspring pressure (stepless adjustable)	3-10 bar (50-150 psi)
Shock Absorber	Fox Defence
Shock Absorber coating	Kashima
Weight	18 kg
Length (including back rest)	540 mm
Height (including back rest)	1110 - 1230 mm
Width (with standard back rest)	285 mm
Base dimensions (standard base plate)	200 x 350mm

## OPTIONAL ACCESSORIES

- Front Handle in aluminium
- Soft Front Handle
- Foot Straps
- Safety Belt
- Base Plates to suit existing bolt patterns when replacing other seats
- Tracks to allow longitudinal adjustment of seat position
- Fittings to allow quick removal without using tools



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