

BLAST RIDER

PROTECTION YOU CAN TRUST

BlastRider Seat 2025

Modular stroking blast mitigation seats with multiple vehicle mounting options



SPECIFICATION

Driver Seat

Weight (BASIC SEAT) 28kg

Aluminium construction (STD)

Black Powder Coat Finish (STD)

5-Point retractable harness system (STD)

Mounting: Floor mount drivers pedestal

Height adjustment: ± 50 mm

Fore-aft adjustment: $\pm$ Fore – 120mm Aft- 80mm

Driver Seat Optional Characteristics

Weight (Full option w/ BMS) 35kg

Folding/Fixed head rest (optional)

Side impact bars (optional)

Blast mitigation system (optional)

Crew Seat

Weight (BASIC SEAT) 15kg

Aluminium construction (STD)

Black powder coat finish (STD)

Retractable seat base (STD)

5-Point retractable harness system (STD)

Crew Seat Optional Characteristics

Weight (Full option w/ BMS) 22kg

Folding footrest (optional)

Folding/Fixed head rest (optional)

Padded side impact bars (optional)

Blast mitigation system (optional)

Custom designed vehicle mounting brackets to fit each unique vehicle architecture rear, side, or roof mounting (optional)

Mass & Dimensions (Full Option)

Drivers seat: 28kg to 35kg

Crew seat: 15kg to 22kg

Heavy duty harness 47mm static lap and retracting shoulder straps

Testing & Evaluation

In compliance with STANAG 4569 / AEP 55 requirements.

Verified via drop test with an instrumented test mannequin

In line with the expected input impulse incurred during a landmine blast event on an armoured vehicle.

The Dynamic Response Index (DRIz) calculated from the acceleration measured by the Test Mannequin is shown to be lower than required threshold of 17.7.

