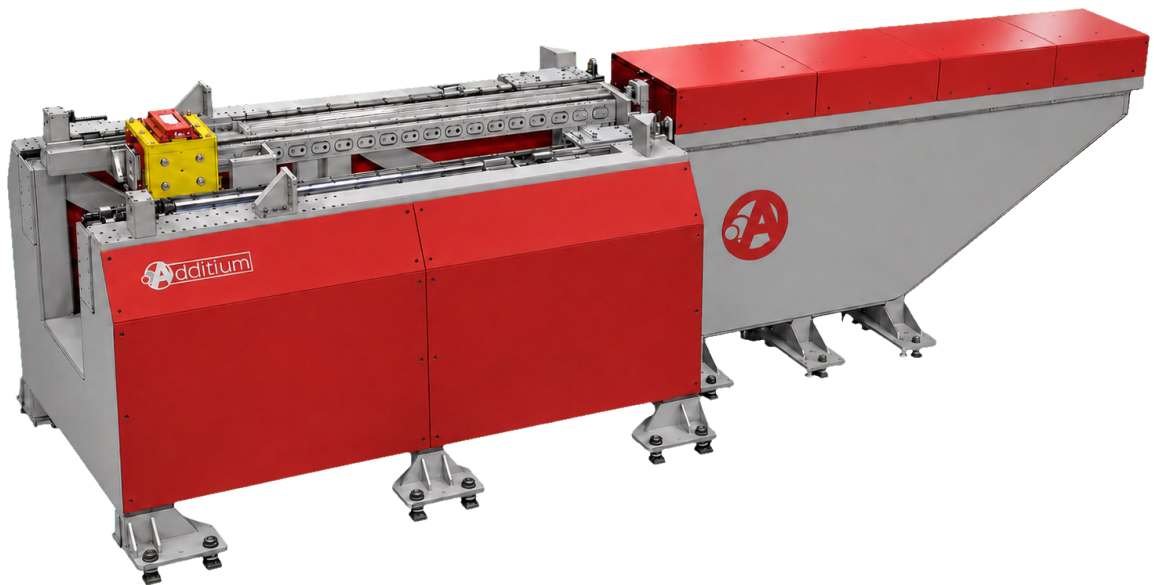


Linear E - Launcher



The Linear E-Launcher is the newest advanced system designed for airbag and interior impact testing. Controlled by high-precision electrical linear motors, it delivers outstanding impact speed accuracy and repeatability.

Its innovative architecture integrates linear motors control with a gas-spring-based mechanism for boosting and compensation, ensuring smooth and efficient trajectories, as well as full synchronization with airbag deployment.



Performance Specifications:

- **Max. impact speed:** 50 km/h
- **Min. impact speed:** 1 km/h
- **Max. propelled mass:** 210 kg (guided)
- **Min. propelled mass:** 3.5 kg (guided)
- **Max. energy:** 7000 J
- **Max. penetration:** 400 mm – 1000 mm
- **Speed accuracy:** ± 0.05 km/h
- **Speed repeatability:** ± 0.02 km/h
- **Impact point accuracy:** ± 3 m

