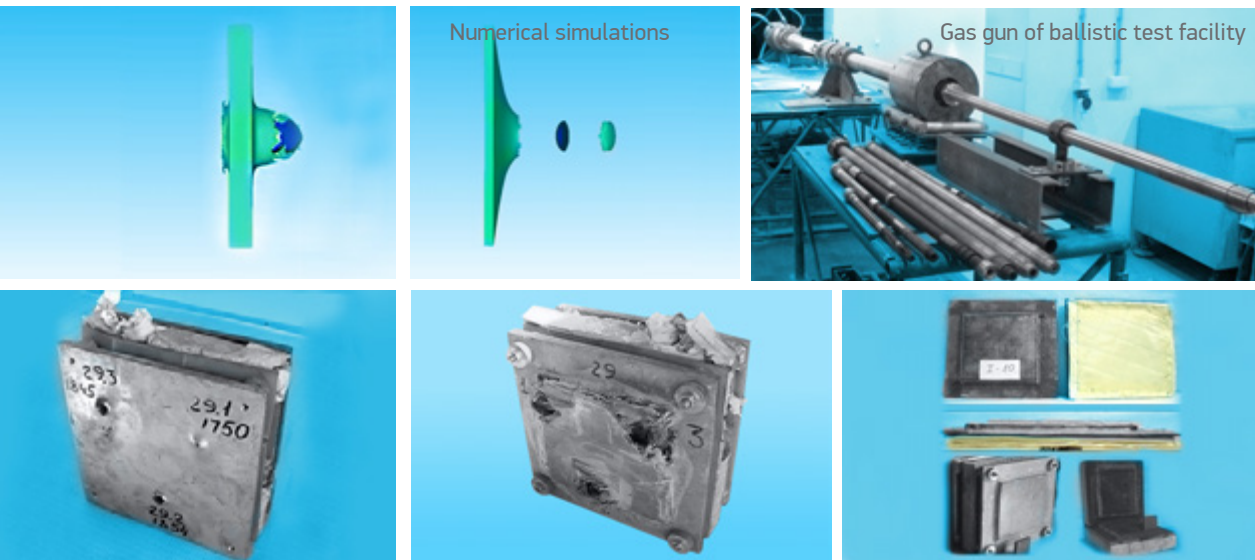


# TESTS AND DESIGN OF STRUCTURAL PROTECTION AGAINST BULLETS AND SPLINTERS

Experimental research is performed at the ballistic test facility.



Experimental trial of protective structures

## Main Data of the Test Facility:

- Launching velocity up to 2000 m/s
- Projectile:
  - Splinters, mass from 1 to 30 g
  - Bullets of rifled guns, caliber 7.62; 12.7; 14.5 mm

The launching speed is measured with a laser and electromagnetic sensing system.

## Our offer:

- Design, optimization and experimental verification of various protective structures against bullets and splinters.
- Solutions for enhanced protection, reduced weight and easier to manufacture protective structures.
- Research studies and calculations of high-speed interaction between bullets & fragments and protective structures using simulation techniques.

Experimental investigations are conducted for customers interested in shipbuilding as well as other industrial applications.

## INTEGRATION OF SCIENCE AND PRACTICE

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