



Overview of crash tests

Dynamic tests on three different crash rigs

Whether you are looking for a sled test, a complete vehicle crash test or special test, we can find the right set-up for every challenge!

- ✓ **SLED TESTS**
- ✓ **COMPLETE VEHICLE TESTS**
- ✓ **SPECIAL TESTS**



Impact Shock test



Impact Sled test

SLED TESTS

The classic sled tests include impact tests (shock and sled test) as well as crash simulations e.g. for restraint systems. In the impact tests, speeds of up to 600 km/h with a braking force of over 9'000 g are possible. With different braking systems it is possible to carry out reproducible crash simulations for e.g. aircraft seats or mine explosions. Even tests with high payloads at speeds up to 120 km/h pose no challenge for our sled system.

YOUR BENEFITS

Individual

On three different crash rigs, the speed and configuration of a crash can be individually adapted to the customer's requirements.

Reproducible

With the latest technology, even complex dynamic crashes can be precisely repeated.

Unique

Our innovative technologies such as our gravity acceleration ramp or hydro-brake have put us on top in the world of crash testing.

The best advice

With our many years of experience, we are always at your side in every aspect of your project.

COMPLETE VEHICLE TESTS

Complete vehicle tests can either be performed against a rigid barrier or another vehicle. The type of barrier, speeds and collision angles are flexible.



Complete vehicle crash against a rigid barrier



Complete vehicle crash-HGV into stationary convoy

With our facility, two-wheelers can also be precisely accelerated up to 120 km/h. By means of our unique gravity acceleration ramp we can achieve speeds up to 90 km/h with 60 t heavy goods vehicles (HGV), and with cars up to 200 km/h.



Bicycle crash



HGV crash from ramp



„World Cup fans“ impact



Frontal collision with a pedestrian

Are you dependent on an unusual test set-up? Then set us a challenge! Together we will find a solution individually tailored to your requirements.



Rockfall protection barrier



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