

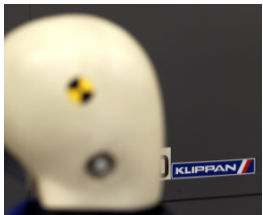
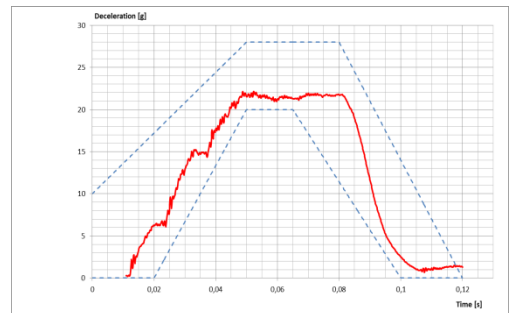
Crash testing at Klippan Safety

Description

The crash test track at Klippan Safety is based on a sled with universal mounting possibilities accelerated by a set of elastic bands. The sled is decelerated by plastic deformation of steel bars, which allows a precise control of the crash pulse. The initial speed at impact and the deceleration profile can be customized for every load and crash case, to generate a precise and accurate crash pulse.

Key Specification

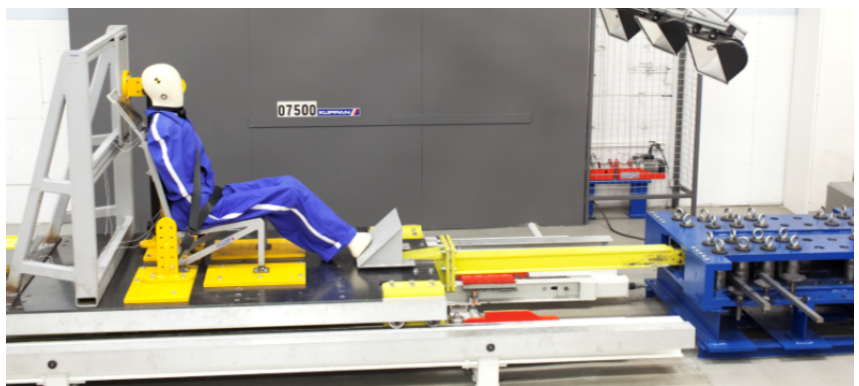
- Track length: 30 m
- Brake type: "Bending Bar"
- High Speed Camera Recording (1 000 fps)
- Multiple load cell possibilities



Hard Facts

(depending on pulse requirement)

- Sled load capacity (incl. Fixture): up to 500 kg
- Speed: up to 50 km/h
- Deceleration: up to 50 g
- Crash pulses acc. To: UN ECE R16
UN ECE R17
Customer Specific Requirements



Get in Contact With Us

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About Klippan Safety

Klippan Safety is a system partner for the international automotive industry with highly unique competence in the fields of safety and comfort.

Klippan Safety is Europe's leading developer and manufacturer of complete bed and storage systems with integrated restraint systems for both heavy trucks and light vehicles. These products are supplemented by the development and manufacture of safety/barrier nets and seat belts.

Based on a broad technology base and specialized engineering, Klippan Safety can transform customer needs to new concepts and industrialized production solutions. The headquarter is located in southern Sweden with subsidiaries in Poland, Germany and Brazil.

