

Sled

PRESENTATION

VTI is a private engineering company, founded in 2000, that focus its activities mainly on designing and manufacturing Customized Test Systems for R&D and certification.

The Crash Simulation System (CSS) is able to perform impact tests under different Regulations like ECE R14, 16, 17, 25, 80, 44 & 129; FMVSS 208, etc.

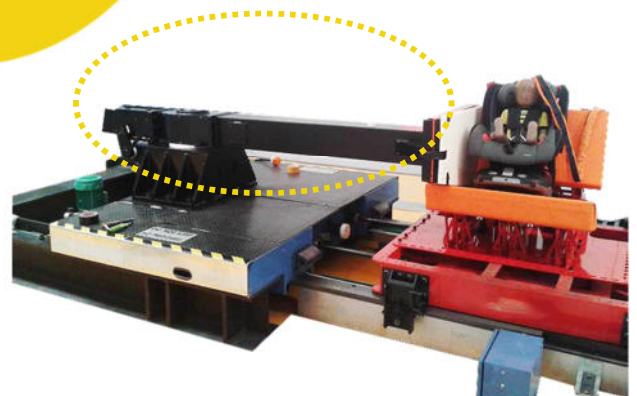
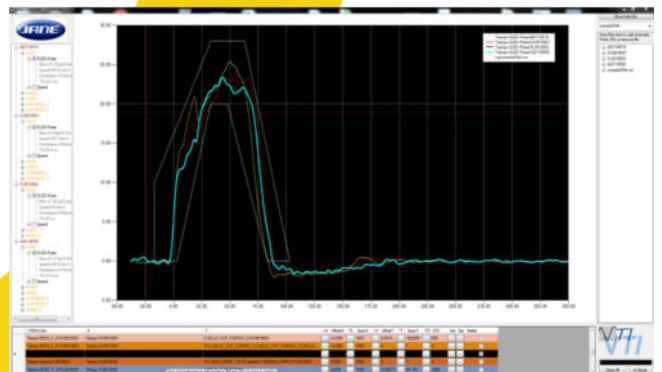
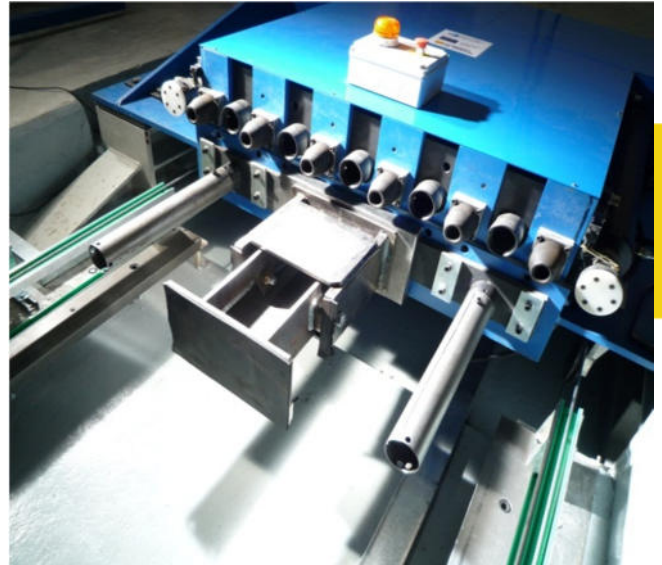
Crash Simulation System (CSS)

The CSS is based on a bungee cord catapult that propels the perfectly guided specimen platform (sled) up to the specified speed.

To obtain the deceleration curves, required by the international regulations (ECE, FMVSS, FIA, ...), the sled runs into an energy dissipation system which is located at the end of the track, based on polyurethane tube based.

Different maximum speed and payload configurations, make VTI's crash simulators, flexible and easily upgradeable systems.

The scope of the works offered by VTI, includes: civil work definition; the design of: deceleration barrier, sled, guidance system, propulsion system, positioning system, control system, the integration of auxiliary systems (high speed cameras, lighting system, ...); on-site set-up, operator training and post sale maintenance.



R129 accesories

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