



## ADDITIUM

### Crash Simulation Sled

The Crash Simulation Sled Test System is a direct catapult able to propel the guided sled up to the programmed speed and decelerate it according to the regulation required impact curves. Propulsion can be selected between bungee cords or electric drive. Deceleration can be selected between polyurethane tubes or bending bar barrier.

- Cost effective solution for homologation and COP tests
- Modular, upgradeable system
- High speed accuracy: pulses predictable and repeatable
- User friendly software
- Pre-brake option
- Turn-key supply, including civil engineering and supervision
- Integration of auxiliary equipment (DAS, high speed cameras, lighting, etc.)

#### Standard Configurations\*

System Type	Low	Medium	High
Deceleration	70 g	90 g	90 g
Max Speed	50 km/h	65 km/h	80 km/h
Sled Dims.	1.5 x 1 m	2.0 x 1.5 m	2.5 x 2.0 m
Payload	250 kg	500 kg	800 kg
Total Length	23-30 m	28-35 m	35-40 m

\*Other requirements available upon request



#### Regulations

ECE R16, ECE R17, ECE R80, ECE R44, FMVSS 213

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