

# Impact Machine

## Twin Wire Triaxial Model :1001\_00\_TWSM

Free fall guided impact machine for impact attenuation evaluation. Complies with ECE22.05, EN1077, EN 1078 and other standards. The system uses twin wire technology and can be converted easily in a uniaxial impact machine with few additional accessories.

### Dimensions :

- Height: 5.50 meters;
- Width of the base: 1 282 cm;
- Depth of the base: 966 cm.

### Features :

- Full motorized system;
- Integrated encoder provides drop height measurement electronically;
- (#1) Height safety switch;
- (#3) Soft release system;
- (#4) Basket ring: Used to support helmets during the free fall impact;
- (#5) Velocimeter (Time Gate);
- (#7) Protection Cage: Prevent damage to the machine after the impact;
- (#8) Remote Control: Sets the height and speed, initiates the test, activates pre-programmed settings; and includes the emergency stop.
- (#2, #6, and below) Auto- retractable system. To prevent a second impact.



Free fall basket system.



Twin wire system – Triaxial application