

Impact Machine

Triaxial Impact Machine

Model :1000_00_MIMAT

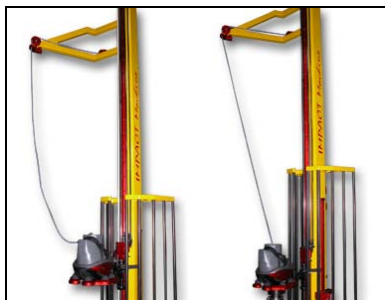
Free fall guided impact machine for impact attenuation evaluation. Complies with ECE22.05, EN1077, EN 1078 and other standards. Fully motorized system.

Dimensions :

- Height: 5.26 meters;
- Width of the base: 31 cm;
- Depth of the base: 65 cm.

Features :

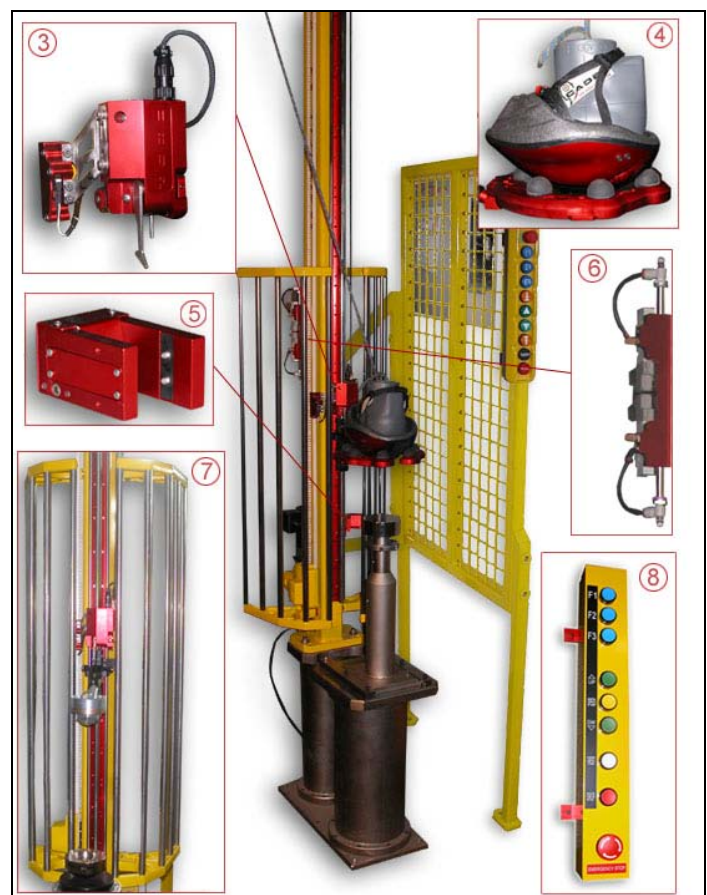
- Full motorized system;
- Integrated encoder provides drop height measurement electronically;
- (#1) Height safety switch;
- (#3) Soft release system;
- (#4) Basket ring: Used to support helmets during the free fall impact;
- (#5) Velocimeter (Time Gate);
- (#7) Protection Cage: Prevent damage to the 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.



Auto-retractable system.



Triaxial impact tower - Top



Triaxial impact tower - Bottom