

## Monorail Impact Machine (Triaxial)

P/N: 1000\_01\_MRA01 (type: triaxial setup)

Free fall guided impact machine for impact attenuation evaluation which complies with ECE 22.06, EN 1077, EN 1078 and other standards. The Cadex monorail can be adapted for uniaxial, triaxial and/or rotational type of testing.

### DIMENSIONS (APPROX.):

- Length of the base: 34.29 cm / 13.5 in
- Width of the base: 69.85 cm / 27.5 in
- Height: 599.44 cm / 236 in

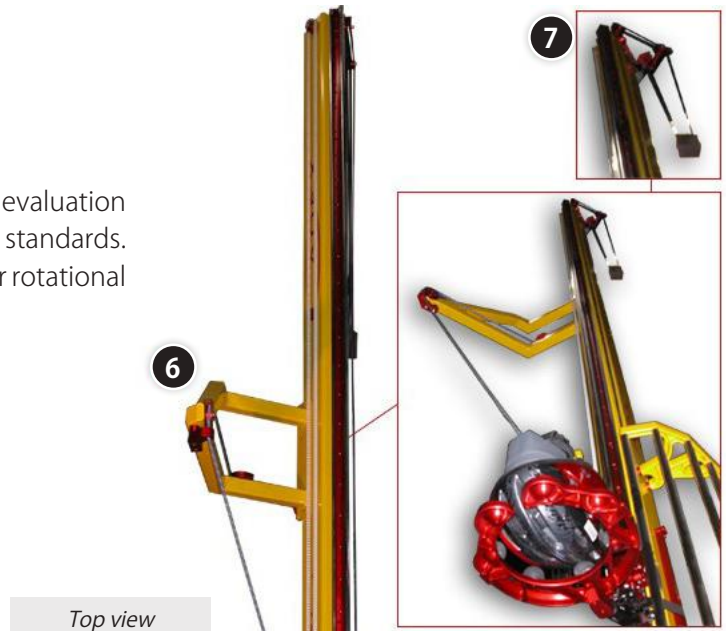
### FEATURES:

#### Full motorized system

1. Remote control: sets the height and speed, initiates the test, activates pre-programmed settings and includes the emergency stop
2. Soft release system / Drop carriage
3. Velocimeter (timegate) for speed reading
4. Protective cage: prevent damage to the machine after the impact
5. Basket: used to support helmets during the free fall impact
6. Auto-retractable system to prevent a second impact
7. Height safety switch

### APPLICATION:

- Triaxial impact attenuation testing



Top view



Bottom view