

Twinwire Impact Machine

P/N: 1000_01_TWA01 (type: triaxial / rotational setup)

Twinwire guided impact machine for triaxial/rotational attenuation acquisition which complies with ECE 22, EN 1077, EN 1078 and other standards. The Cadex twinwire can be adapted for uniaxial, triaxial, rotational and NOCSAE testing.

DIMENSIONS (APPROX.):

- Length of the base: 119.38 cm / 47 in
- Width of the base: 90.17 cm / 35.5 in
- Height: 675.64 cm / 266 in (may vary depending on the base selected)

REQUIREMENTS:

- Power: 110v/220v - 50/60 Hz
- Constant air supply: 80 psi at 1 cfm

FEATURES:

Full motorized system

1. Controller: sets the height and speed, initiates the test, activates pre-programmed settings and includes the emergency stop
2. Release system / Drop carriage
3. Velocimeter (timegate) for speed reading
4. Quick and easy interchangeable anvils
5. Auto-retractable system to prevent a second impact and damages to the headforms

OPTIONAL ACCESSORIES:

6. Protective cage: to protect the operator
 7. Basket: used to support helmets during the free fall impact
- Multiple pedestal sizes available upon request
 - Base weight available:
500 kg - 1000 kg

