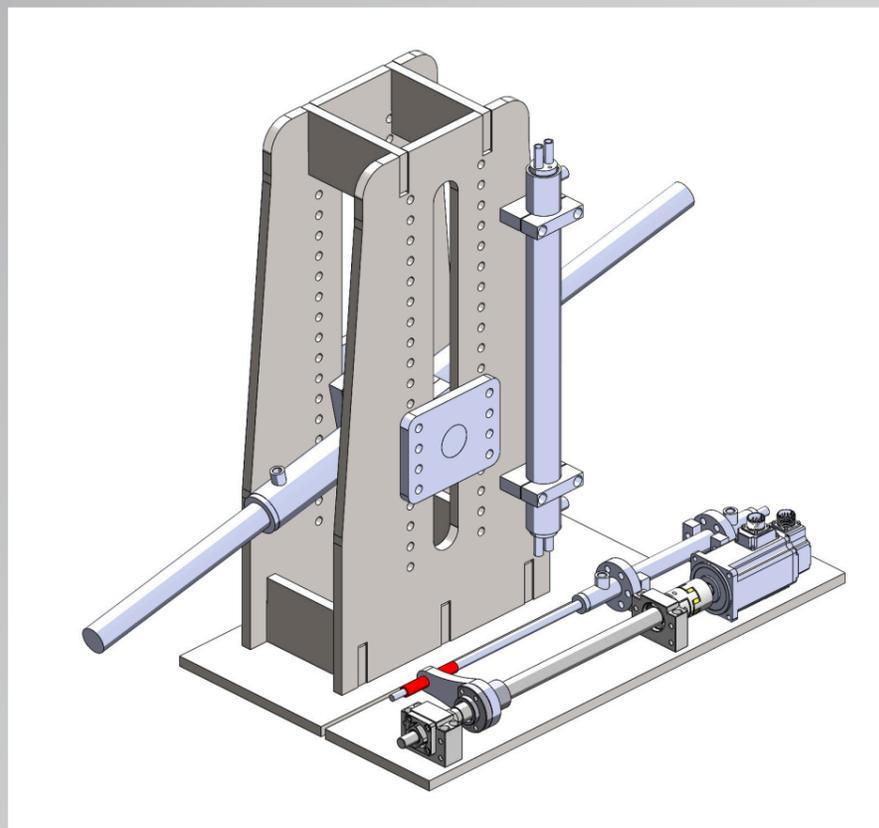




# Towing Hitch Testing Unit

# Towing Hitch Testing Unit

## Dynamic Strength Validation for Towing Devices



### Regulation Compliance

- EU 1005/2010 Fully Compliant
- UN ECE R55 Equivalent Technical Standards
- Verified Integrity for Vehicle Towing Devices

- **Rigid Testing Frame:** High-strength steel frame structure compatible with different vehicle classes (M1, N1, etc.).

- **Multi-Vector Force Application:** Advanced actuator system allowing simultaneous or independent application of tensile and vertical loads.

**Precision Load Management:** Using a closed-loop control system method, it applies forces to the target forces while remaining within the 5% tolerance specified in the regulation.

### Integrated Data Analysis:

- **Real-Time Displacement Tracking:** Instantaneous tracking and graphical representation of deformations occurring during testing.
- **Automated Test Cycles:** Automatic control of the staged loading and holding processes required by the regulation.

