

# Concept<sup>®</sup> - STATIC ROLLOVER SYSTEM



## Functional Description

This test system, developed by Concept Technologie, is used for impermeability testing of tanks and fuel feeding systems according to FMVSS 301. By turning the vehicle, the tank impermeability after the crash, in the head area, as well as other areas, is tested. The Concept Technologie developed, mobile Rollover- Test System, consists of a vehicle retainer, pivot bogie, tray, safety equipment and operator facilities. The simple construction and operating of the system are especially worth mentioning. The controlling is standard designed so that at intervals of 90°, a pause period of 5 min. for impermeability testing is provided. Rotation in both directions is naturally possible.

Free programmable speeds and pause periods are naturally optional possibilities. The sectionalized collecting tray is an additional attribute, providing a simple possible cleaning effect. A self-locking gear ensures safety for the personnel and a safe testing process.

**DUE TO THIS SPECIAL DESIGN, FOREGOING RING GEARING AND A VEHICLE ROTATION AROUND THE CENTRE OF GRAVITY; THE CUSTOMER IS OFFERED A HIGHER INVESTMENT PROTECTION!**

## FROM USER TO USER

As a user and system developer, we offer our customers our know-how.

### Benefits at a Glance:

- ✓ Avoidance of personnel injury and equipment damage due to a self-locking gear
- ✓ Higher investment protection due to large construction enabling testing of small vehicles up to VANS with one system
- ✓ Simple, exact impact of any test points via optional speed control
- ✓ Free programmable rotation with simple implementation via optional „Program-Extension“
- ✓ High positioning precision of 1 ° possible
- ✓ Universal loading using a crane or forklift avoids complicated ramp designs
- ✓ Simple, time-saving cleaning possibilities for the oil-tray due to separated designs

