



MANUFACTURER : MTS

EQUIPMENT DETAILS (*):

- Nominal Force = 2000kN
- Piston Stroke = 1650mm
- Maximum acc. & vel. = 61g & 81Km/h (1500Kg)
- Maximum deceleration on side impact = 50g (300Kg)
- Maximum jerks = 8g/ms (FRONTAL) & 12g/ms (SIDE)

(*) Nominal capabilities. For other requirements please consult.



MAIN APPLICATIONS

- Passive safety tests: frontal, side and rear tests
- Inertial test components
- Impact testing on instrumentation or components

OTHER EQUIPMENTS

- K. H. STEUERNAGEL Lighting System (12 lamps over sled and 6 portable lamps)
- WEINBERGER High-Speed Video Cameras (8)
- KAYSER-THREDE Data Acquisition System up to 176 analog acquisition channels, 16 pyrotechnic firing outputs, 80 digital inputs
- 2 Portable 3D Measurement Arms.
- Dummy family: frontal (Hibrid III), side (EuroSID, WorldSID, SID II-S), rear (BioRid II) and child dummies (Q, P).
- Video tracking analysis
- Dummy calibration in-house
- CAD design and Tooling workshop integrated in-house
- Virtual simulation analysis (FE and multibody)

