

1500 m² dedicated to impact experiments

■ Full scale catapult

For vehicle collisions against fix obstacles (wall, barrier or other vehicle)

- Impact velocity between 10 and 120 km/h
- Propelled mass between 250 and 9000 kg
- Maximum energy :
 - 1.5 tonne at 120 km/h (i.e. 830 kJ)
over a speed distance of 65 m



■ Sled test device

Vehicle deceleration simulation

- Impact velocity between 10 and 80 km/h
- Propelled mass between 250 and 800 kg
- Maximum energy :
 - 800 kg at 50 km/h (soit 77 KJ)
and 200 kg at 95 km/h (i.e. 69 KJ)



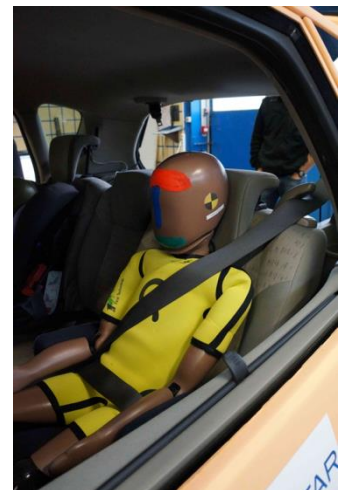
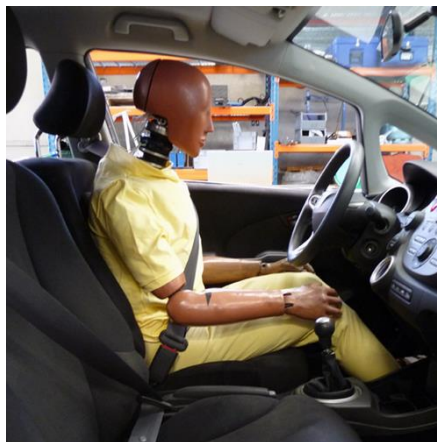


■ Crash test dummies

- Hybrid III 50th percentile male
- Hybrid II 50th percentile female
- THOR-NT 50th percentile male
- Hybrid III Pedestrian Kit
- 6 y. o. P Series child dummy
- 3 y. o. Q Series child dummy

■ Measurements and observations tools

- High speed cameras
- High frequency acquisition system



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