

1500 m² dedicated to impact experiments

■ Full scale catapult

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

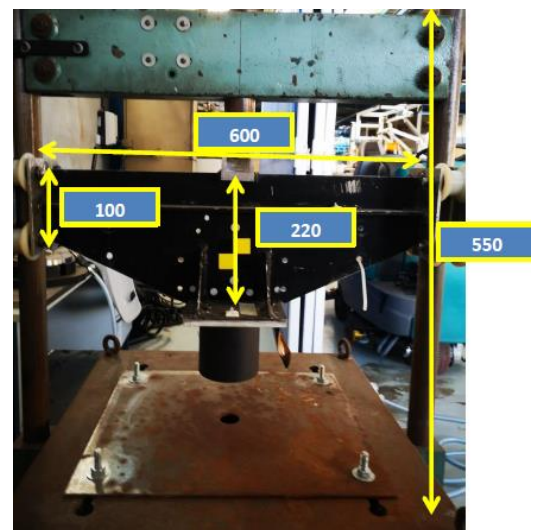
- Impact velocity between 10 and 120 km/h
- Propelled mass between 250 and 9000 kg
- Maximum energy :
 - 1.5 tonne at 120 km/h (i.e. 830 kJ)
over a speed distance of 65 m



■ Drop Test

Dropping impactor on material

- Impactor mass : 6,1 and 19 kg
- 6 additional weights of 5 kg
- Height : 4 m



ExpéChoc

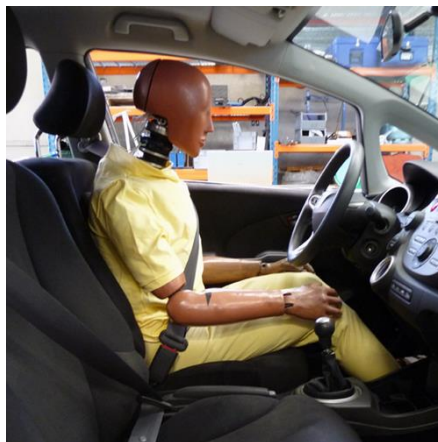


Crash test dummies

- Hybrid III 50th percentile male
- Q Series 3 y. o. child dummy
- ...

Measurements and observations tools

- High speed cameras
- High frequency acquisition system
- ...



Contact :

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