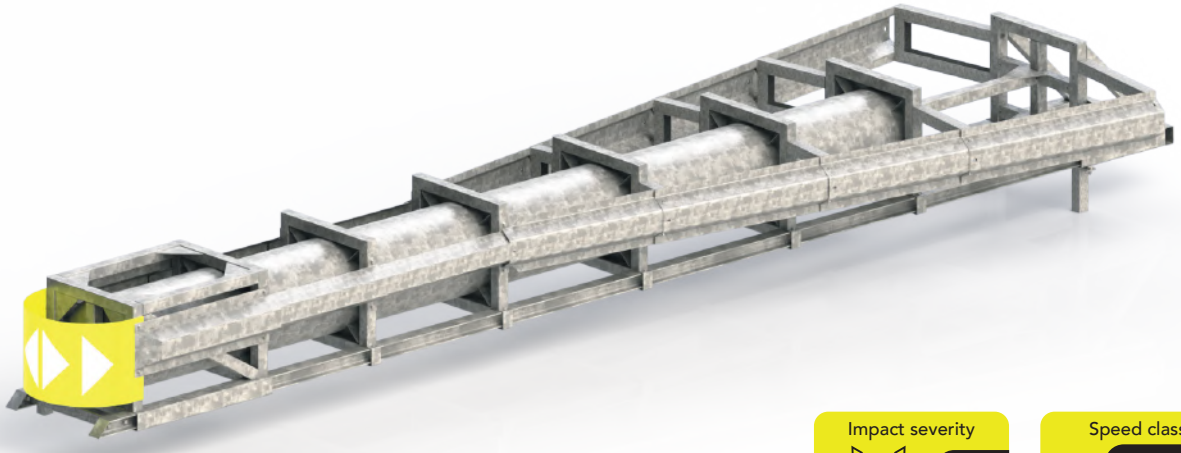
TICOPTER

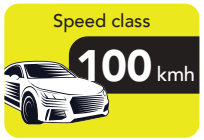
Research and development for road safety

Data Sheet

ZML100

Redirective crash cushion
Repositionable after impact





Characteristics

Level of perfomance: **100 Km/h**
Refferral Area: **Z1**
Impact severity: **A**
Lateral displacement: **D2**

Durability

Galvanized steel in accordance with EN ISO 1461
Dangerous Substances: **NPD**

For further information (video, manuals, technical drawings, documentation)
visit directly: www.ticopter.it

ZML100

ZML100 is a redirective crash cushion consisting of a modular structure of telescopic steel cylinders capable of absorbing and dissipating the energy released in the event of impact with a vehicle. The system has been tested and has passed successfully the trials indicated by the European regulation UNI EN 1317-3:2010. It has been specifically designed for the protection of fixed obstacles, road junctions, etc...ZM series crash cushions are certified per family, as pointed out in prospect 4 of the regulation according to their use (parallel, large and semi-large) and to the speed range (50,80,100,110 km/h).

Key features

- Extremely **compact and resistant** both during installation / assembly and during transport and placement.
- **Main structure** common to all types (Parallel, Large and Semi-Large); interchangeable lateral blades.
- **Certified installation** on any type of ground (soil, reinforced concrete, bituminous conglomerate);
- **No need** for concrete base.
- **Does not use** anchor chains or tension cables.

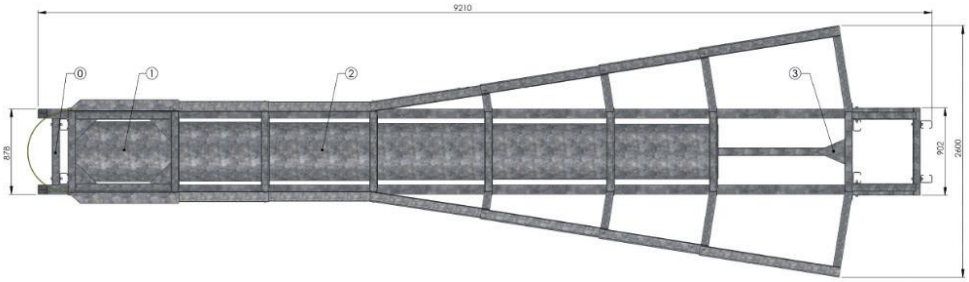
Assembly and maintenance

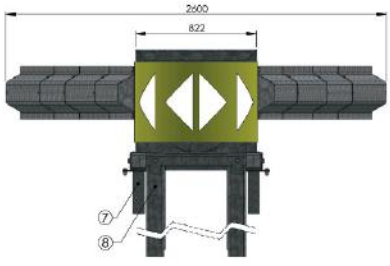
- Fully **repositionable** after impact within the UNI EN 1317 crash test standards;
- Can be equipped with **maintenance kit** (sacrificial bolts + head) to be used in the event of an impact with vehicle for complete repositioning.

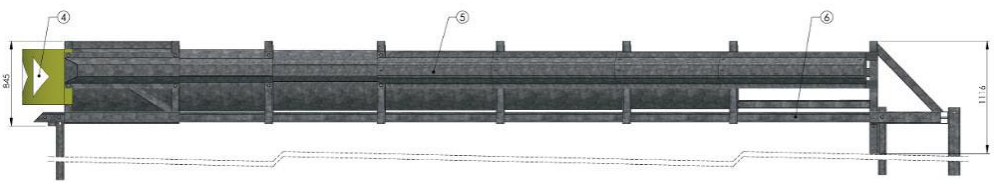
Safety device dimensions

- Device length: 9210 mm
- Device width: 878-2600 mm
- Device height: 845-1166 mm

⓪ Transverse
① Module 0
② Intermediate Module
③ Final Module
④ Head
⑤ Lateral beam
⑥ Rail
⑦ Foot support
⑧ Post







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