



Ductile iron road manhole cover h638_157

Ductile iron manhole cover with square lid and automatic locking, ISO 9001:2015 certified. Load class C250, ideal for urban roads, sidewalks, and parking lots. External dimensions: 1000 x 1000 mm. Clear opening: 900 x 900 mm.

The **ductile iron road manhole cover h638_157** is a large-format covering device designed to ensure maximum stability and safety on urban utility networks. Made of **ductile iron GJS-500-7** in full compliance with the EN 1563 standard, this product solves the problem of accidental lifting and sewer fumes thanks to the combination of an **automatic elastic lever locking system** and a "U" shaped internal seat designed for the insertion of sealing materials. The target audience includes road construction companies, municipal utilities, and water or technology network managers requiring a very wide clear opening (900x900 mm) for easy inspection of underground chambers. The frame features a **shaped perimeter flange with reinforcement ribs** that distributes loads evenly across the foundation, while the anti-slip geometric interlocking between frame and lid eliminates horizontal movements caused by passing vehicles.

Technical characteristics

- **External frame dimensions:** 1000 x 1000 mm
- **Internal clear opening:** 900 x 900 mm
- **Total profile height:** 70 mm
- **Total weight:** 103 kg
- **Material:** Ductile iron GJS-500-7 according to EN 1563 standard
- **Load class:** C250 (suitable for urban roads, parking lots, and rest areas with medium-heavy traffic)
- **Geometry:** Square external frame and lid
- **Anchoring and stability:** Slotted perimeter flange, stiffening ribs, and anti-dislodgement interlocking
- **Sewer insulation:** Internal "U" groove for odor-tight sealing
- **Active safety:** Automatic snap closure and non-slip surface patterns
- **Maneuverability:** Lid equipped with dedicated slots for standard lifting keys

* Image for illustrative purposes only

INFORMATION

- **Material manhole covers** ghisa
- **manhole_dimensions** 1000 x 1000 mm

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