



Ductile iron manhole cover 92×117 cm h638_161

Ductile iron manhole cover with bolted rectangular lid, ISO 9001:2015 certified. Loading class D400. External dimensions: 920 x 1170 mm. Clear opening: 750 x 1000 mm. Height: 100 mm.

The **h638_161 ductile iron manhole cover** is a high-resistance rectangular crowning device, specifically designed to withstand the maximum dynamic stresses of main roads and industrial areas. Made of high-grade GJS-500-7 ductile iron in compliance with the EN 1563 standard, this model is certified in loading class **D400**, ideal for environments with frequent traffic of trucks, buses and heavy vehicles (breaking load exceeding 400 kN). The rectangular frame is composed of **two half-frames bolted together** which increase stability and facilitate installation. Anchoring is optimized by a large shaped perimeter flange with rounded corners and reinforcing ribs. The lid is firmly locked via a **bolt fixing system** that prevents accidental openings caused by strong vibrations, while the **internal "U" seat** guarantees excellent airtightness against gases and bad odors from the sewage network.

Technical characteristics

- **Material:** GJS-500-7 ductile iron complying with EN 1563 standard
- **Loading class:** D400 (Breaking load > 400 kN / 40 Tons)
- **External dimensions:** 920 x 1170 mm
- **Clear opening (internal):** 750 x 1000 mm (wide rectangular passage)
- **Total height:** 100 mm
- **Overall weight:** 160 kg
- **Frame structure:** Divided into two coupled and bolted half-frames
- **Anchoring:** Continuous external perimeter flange, shaped and rounded
- **Active safety:** Mechanical closure with anti-lifting bolts
- **Insulation:** Internal "U" perimeter groove for odor-tight sealing
- **Surface:** Uniformly distributed anti-slip embossments and area for logos
- **Maneuverability:** Lid equipped with slots for standard lifting keys

* Image for illustrative purposes only

INFORMATION

- **Material manhole covers** ghisa
- **manhole_dimensions** 920 x 1170 mm

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