



Road manhole cover with square frame h638_174

Ductile iron manhole cover 200 x 200 mm, class B125. External dimensions: 200 x 200 mm.

The **h638_174 square road manhole cover** is an ultra-compact technical solution designed to guarantee maximum strength, hygiene, and safety in covering micro-inspection pits or technological vents. Made of high-quality **GJS-500-7 ductile iron** in full compliance with the EN 1563 standard, the product is certified in load class **B125** (breaking load up to 12.5 tons). It is the ideal choice for urban pavements, private parking lots, and pedestrian areas accessible to vehicles. The 20x20 cm frame features a continuous external perimeter flange equipped with corner chamfers, reinforcement ribs, and holes for mechanical fixing using anchor bolts. The distinctive feature is the **internal "U" seat**: by filling this channel with fine sand or inert sealing materials, an **airtight barrier against bad odors** is obtained. The square cover inserts in a guided and unique way and offers an embossed surface with anti-slip reliefs that optimize rainwater runoff.

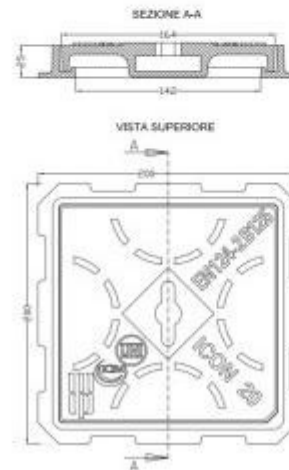
Technical features

- **Material:** GJS-500-7 ductile iron compliant with EN 1563
- **Load class:** B125 (Breaking load 125 kN / 12.5 Tons)
- **External dimensions:** 200 x 200 mm
- **Clear opening (internal):** 140 x 140 mm (ideal for small technical compartments)
- **Total structural height:** 25 mm (low profile)
- **Total weight:** 3 kg (extremely light and easy to handle)
- **Geometry:** Square-shaped frame and cover with chamfered corners
- **Anchoring:** Continuous perimeter flange with pre-drilled holes for anchor bolts
- **Odor insulation:** Internal "U" seat for mechanical sand or grease seal
- **Precision:** Chamfered internal angle for guided and stable coupling
- **Passive safety:** Surface embossing with widespread anti-slip reliefs
- **Operation:** Cover equipped with closed-bottom slots for standard lifting keys
- **Customization:** Smooth central area prepared for the insertion of lettering and/or logos
- **Factory certification:** Produced by a company with ISO 9001:2015 quality system

** Image purely indicative*

INFORMATION

- **Material manhole covers** ghisa
- **manhole_dimensions** 200 x 200 mm



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Manhole cover material: ghisa