



Ductile iron road manhole cover 50x80cm D400 h638_173

Airtight road manhole cover in GJS 500-7 ductile iron, load class D400, rectangular frame and cover. Dimensions: 600x800 mm. Clear opening: 500x700 mm.

The **ductile iron road manhole cover h638_173** is a high-performance rectangular covering device, specifically engineered for urban furniture, industrial plants, and road infrastructures subjected to severe mechanical stress. Made of premium **GJS 500-7 ductile iron** in full compliance with the EN 1563 standard, the product is certified according to European UNI EN 124 standards in load class **D400**, making it ideal for main roads, traffic lanes, hard shoulders, and parking areas for heavy vehicles (up to 40 tons). The structure features a 60x80 cm frame equipped with a suitable continuous external perimeter flange, reinforcement ribs, and holes for anchor bolts, designed for deep anchoring to the foundation. Dynamic safety is guaranteed by the **anti-extraction interlocking airtight locking system**: an elastic appendage on the cover automatically hooks onto the frame lugs, unlocking only with the help of a common construction site lever. The surface features uniformly distributed anti-slip reliefs for the rapid runoff of rainwater.

Technical characteristics

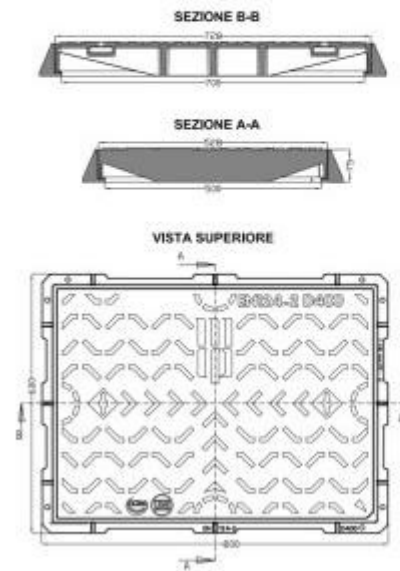
- **Material:** GJS 500-7 ductile iron compliant with EN 1563
- **Load class:** D400 (Breaking load > 400 kN / 40 Tons) – UNI EN 124
- **External dimensions:** 600 x 800 mm
- **Clear opening (internal):** 500 x 700 mm (wide useful rectangular passage)
- **Total height:** 75 mm
- **Total weight:** 58 kg
- **Geometry:** Rectangular frame and cover
- **Anchoring:** Continuous perimeter flange on 4 sides, shaped with corner chamfers and holes for anchor bolts
- **Active safety:** Mechanical locking system with elastic appendage and internal anti-extraction lugs
- **Coupling:** Surface grooves for guided and unique positioning of the cover in its seat
- **Passive safety:** Embossed surface with widespread anti-slip reliefs
- **Operation:** Cover equipped with closed-bottom slots for standard lifting keys
- **Factory details:** Indication of the external dimensions of the frame in cm expressed in relief
- **Customization:** Area prepared for the possible insertion of inscriptions and/or logos upon request

* Image purely indicative

INFORMATION

- **Material manhole covers** ghisa
- **manhole_dimensions** 600 x 800 mm

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Manhole cover dimensions: 600 x 800 mm
Manhole cover material: ghisa