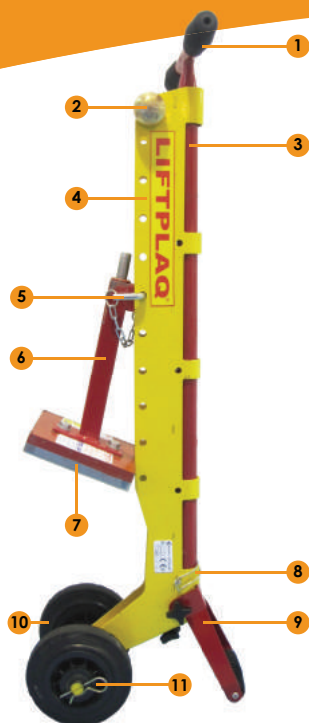


**PATENTED
SOLUTION**

Technical sheet



Manhole cover lift LIFTPLAQ®

The **LIFTPLAQ®** is a handling tool allowing the handling of street manhole covers and plugs, designed for professionals of dry and wet networks.

This system, equipped with an articulated lever fitted with a powerful magnet, allowing street manhole covers to be moved without touching them and thus reducing the hardship by three.

The **LIFTPLAQ®** consists of a mechanical assembly. It is fitted with a magnetic device allowing a firm prehension and manipulation of the covers. this tool can be used for dry and wet networks.

Part list :

1. Handling handle which can receive the brass wheel balancer
2. Wheel balancer to be screwed on the shaft handle
3. Removable and adjustable shaft handle
4. Body of the tool
5. Curbed pin with chain (to lock the articulated arm during use)
6. Articulated arm
7. Strong magnet
8. Pin for adjusting the shaft
9. Handle to be used as prop and allowing the magnet to be freed
10. Wheels
11. Assembly pin
12. Pointed chisel at the end of the shaft
13. Transportation box
14. Wheels extensions (optional)

Numerous advantages...

- Ergonomics : straight back and legs bent
- Security : no hand/cover contact
- Versatility : usable on all types of covers and plugs
- Mobility : easy to move
- Handling : reduces exertions by three
- Storing : little space required
- Grant : aid convention from Health and Safety organizations (1)

Characteristics

- Lift covers or plugs easily and effectively with complete safety due to its powerful magnet
- Supplied with brass wheel balancer to be screwed on the body (for storing) or on the shaft (for use)
- Super strong permanent magnet not submitted to periodic checks
- Wheels close together standard issue (20 cm axle width)
- Tool may be equipped with wheel extensions (110 cm axle width)
- Wooden transportation box allowing transportation in a vehicle with metallic floor avoiding magnetizing
- Color : red and yellow (for high visibility and indicating danger)

Easy for use

Place the magnet on the cover or plug, lift and move with ease. Unlock the very powerful magnet by pulling the pin from the shaft and raising simply by tilting it sidewise.

Security

The **LIFTPLAQ®** assists the user safely during the operations of taking hold/lifting/moving/replacing (System rewarded at the XVth Convention of Health and Safety at work)

Application

This magnetized tool is used by all the workers of the VRD/BTP/Télécom. Adaptable to all types of manhole covers and plugs on the road.

Dimensions in millimeters

- Height 500 x Length 1000
- Width with standard wheels : 200
- Width with wheel extensions : 1100
- Weight : 18kg

Easy and quick to use



Work safety

The basic kit consists :

- The body of the tool
- The shaft with two handles and pointed chisel
- A brass anti-deflagration wheel balancer
- An articulated arm with string magnet and curbed pin
- A handle for unlocking the magnet
 - Two wheels (hard rubber)
 - A transport box
- Option : wheel extensions

Powerful magnet...



- Powerful magnet announced for 110 kg according to the legislation able to support a weight of up to 450 kg (on metal surface 100% pure, perfectly smooth and free of any impurity)
- Permanent magnet requiring no periodical checks.

Numerous rewards ...



- Recognition of CARSAT prevention
- Diploma and bronze medal of the INRS Safety at work
- First price for handling technology innovation 2012
- Competition of traditional innovation « Stars et Métiers Languedoc-Roussillon 2012 »
- First price Objective decision-maker of the year Pyrénées-Orientales (FR)
- Competition 2011 - XVth Convention Health and Safety at work

LIFTPLAQ®

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VERY EASY TO USE

Easy transportation



Easy transportation in your vehicle in vertical position thanks to its kickstand and an elastic strap

Options



Big wheels
Chains kit for concrete plates
Wheel extensions

On all types or manhole covers



Usable on all types of covers including the covers partially concreted

Multi-use shaft



With the brass chisel balancer screwed on the end of the handle to loosen the cover

LIFTING THE COVERS

Triangular plates



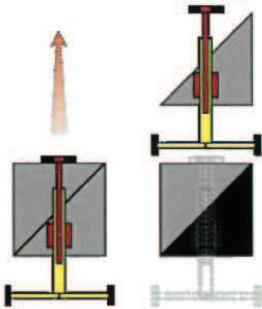
Circular covers



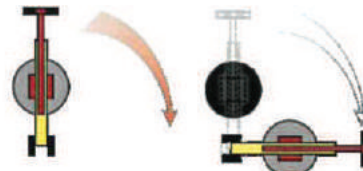
Circular hinged covers



The cover remains propped up thanks to the LIFTPLAQ® crutch



Once the cover is magnetized, step back to gain access to the chamber
NEVER MOVE OVER THE HOLE



Once the cover is magnetized, pivot to gain access to the chamber
NEVER MOVE OVER THE HOLE

Demonstration video :
copy the link of flash the QR Code
<http://youtu.be/HGsg0Qo-G6I>



Discover also the **MINI-LIFTPLAQ®**
Ask for the technical sheet

