

# APS90

## FOLDING LEVER FOR COVER LIFTERS



### 4 different ways of use



- Small, light, strong, easy to transport



Cod. K0262



- Upper arm telescopic and inclinable to guarantee ideal ergonomics in any use



- Telescopic lower arm extensible in 3 lengths
- Detail of the tool hinge and wheels axle



APS90 is a multipurpose wheeled folding lever designed for use in combination with the DOA cover lifter tools: CL10, CL11, PM500 and with mechanical clamps, the lever guarantees fast, easy and safe operations in lifting, moving, repositioning manhole covers of underground networks of water, sewage, gas, telecommunications etc.

Tool is "operator friendly" as these operations can be done in **total safety pushing down and not lifting**, so the spine is released and not compressed, this eliminates possible accidents to the back. APS90 is a clever accessory that **allows the employer to fulfil and reduce risks of accidents deriving from the manual movements of loads as prescribed by ISO 11228-1 - 2 - 3, Ergonomics - Application document for ISO standards on manual handling.**

Thanks to its light weight, robustness and compactness can be handled and operated even by female personnel and transported occupying minimal space on board vehicles.

## TECHNICAL CHARACTERISTICS

WEIGHT	10 Kg	WEIGHT LIFTABLE	600 Kg
LENGTH OF UPPER ARM RETRACTED	108 cm	LENGTH OF UPPER ARM EXTENDED	160 cm
LENGTH OF LOWER ARM RETRACTED	40 cm	LENGTH OF LOWER ARM EXTENDED	56 cm

## ADVANTAGES

- Extremely versatile can be used in four different ways to fit the majority of cover lifting operations
- Both arms are telescopic and extendable to give the needed favourable leverage
- Opening, adjustments and folding operations can be done in few seconds
- With the lever in total extension a man with weight 75 Kg can lift without effort 300 Kg
- Quality construction, all parts are manufactured with best materials and best treatments of galvanisation and painting
- Unlike similar product it is really light and easily transportable, when folded can be stored everywhere
- Use is real simple and meets the operators need that only want practical, quick working systems

# APS90

**UNIQUE ON THE MARKET**  
*Usable in 4 different ways*



## 1 *Magnetic lifting with single CL10 or CL11*



## 2 *Lifting with two CL10 blocked in parallel by connection bridge when cover is too heavy*



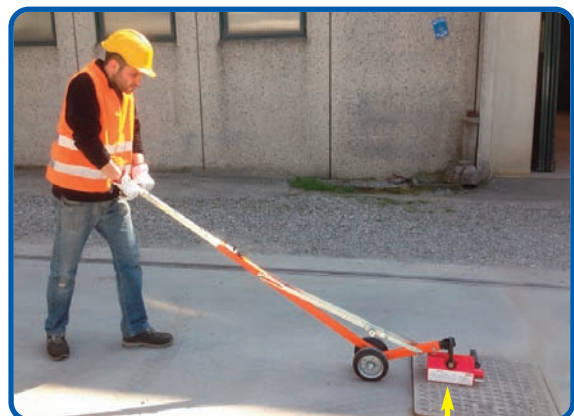
**Connection bridge**  
Cod. K0264

## 3 *Lifting with mechanical locking clamps inserted in the cover apertures or slots*



**Set of 5 mechanical locking clamps with terminals with wing and hook shape**  
Cod. K0263

## 4 *Magnetic lifting with permanent magnet for very heavy/blocked covers*



**Permanent magnet PM500**  
Cod. K0360