



TIME OF USE  
50" with Rhino  
2' with Hook

PROLINE

# LIFTOP

THE UNIVERSAL SOLUTION FOR ALL TYPES OF MANHOLE COVERS



## LIFTOP CHARACTERISTICS

Closed dimensions 80x27x24 cm  
Open dimensions 203x29x101 cm

OPENS ALL TYPES OF COVERS:



TROLLEY WEIGHT	STRUCTURAL TROLLEY CAPACITY	WLL work load limit*
9 KG	140 KG	80 KG

\* maximum lifting load according to Dir. 2007/30/CEE

LIFTOP is the universal VALIFTER solution, designed to meet the needs of workers to handle manhole covers safely.

Made of special **aluminum alloys**, equipped with a foldable, lightweight and adjustable handle, it is **the only manhole cover lifting trolley in the world certified for ergonomics**.

Thanks to Liftop, the operator maintains an upright posture during lifting, eliminating the risk of musculoskeletal injuries and minimizing physical effort.

Opening a manhole cover may seem like a simple operation, but in reality it involves a series of technical and operational aspects, safety risks and excessive time consumption: thanks to its **hybrid design**, Liftop allows a single operator to lift all types of manhole covers quickly and safely.

The Liftop trolley in the **ATEX version** can be used in high explosion risk environments classified as **ZONE 1** and **ZONE 2**.

Liftop is also available with the **Vacuum System GRABO**, the suction device that uses vacuum technology to lift manhole covers of any material, even those without attachment points. Thanks to the shock-absorbing coupling and the pressure self-regulation system, it allows to lift filled covers, even very heavy ones.



LIFTOP MAGNETIC TROLLEY ON 80X80 CM MANHOLE COVER



LIFTOP TROLLEY WITH VACUUM SYSTEM GRABO



## SET UP

TROLLEY	CODE	MODEL	COUPLING ACCESSORY
STANDARD	A-C-S2-MG	Liftop Magnetic	Magnet Rhino Slim Damped
	A-C-S2-MC	Liftop Mechanic	Mechanical bar Hook 80 + VK Keys
	A-C-S2-HY	Liftop Hybrid	Magnet Rhino Slim Damped and mechanical bar Hook 80 + VK Keys
ATEX	A-C-S2-MGAX	Liftop Magnetic	Magnet Rhino Slim Damped ATEX
	A-C-S2-MCAX	Liftop Mechanic	Mechanical bar Hook 80 + VK Keys
	A-C-S2-HYAX	Liftop Hybrid	Magnet Rhino Slim Damped ATEX and mechanical bar Hook 80 + VK Keys

## ACCESSORIES

### STANDARD ACCESSORIES

CODE	PRODUCT
<b>B-CL-V</b>	Liftop's transport bag
<b>A-C-H-80-001</b>	Mechanical bar Hook 80 (standard in Mechanic and Hybrid setups)
<b>A-RC-S12VK</b>	12 VK Keys (standard in Mechanic and Hybrid setups)
<b>A-C-S2G / A-C-S2GAX</b>	Rhino Slim Damped / <b>ATEX</b> (standard in Magnetic and Hybrid setups)

## OPTIONAL

### OPTIONAL LIFTOP

CODE	PRODUCT
<b>AG01</b>	Vacuum System GRABO
<b>AG03</b>	Vacuum System GRABO + second battery
<b>A-C-S2B</b>	TwinLift - Spreader beam for Valifter cover lifter trolleys
<b>A-ASGS-100</b>	Sliding Guide for wheels
<b>VAL-A-SI1</b>	Impact unblocking system
<b>A-C-S2RP</b>	Pneumatic wheels
<b>A-C-S2L</b>	Extended kit for Liftop
<b>A-C-S2P</b>	Hinge pedal
<b>A-C-H2</b>	Extreme arms for Hook
<b>VAL-A-AWO</b>	Open Ratchet - Ratchet spanner for key tightening
<b>A-C-S2H62</b>	PLUS attachment for TT bolt coupling - Hook accessory



OPTIONAL

#### Hinge pedal

Pedal extension to be used in combination with the Liftop trolley for safely closing manhole covers hinged to the frame with an anti-accidental closure lock.



OPTIONAL

#### Extended kit

The wheel extenders enhance comfort during manhole cover handling.



OPTIONAL

#### Pneumatic wheels

Pneumatic wheels enhance the trolley's maneuverability on uneven surfaces.

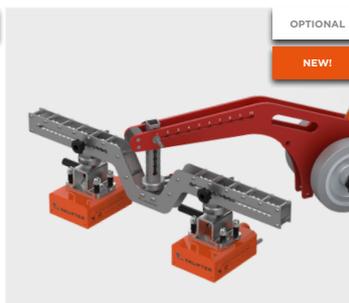
*Using pneumatic wheels means Liftop no longer complies with ATEX regulations.*



OPTIONAL

#### Extreme arms

Extensions to be used in combination with the Hook mechanical bar. They improve the functionality and performance of manhole cover lifters when lifting manhole covers with corner attachment points.

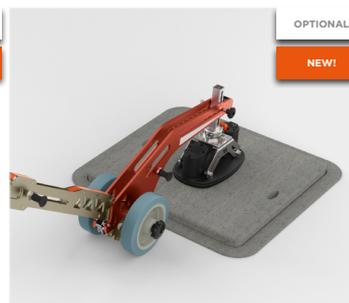


OPTIONAL

NEW!

#### TwinLift spreader beam

The spreader beams ensures better load distribution and is particularly suitable for manhole covers with uneven surfaces. It enables the use of two lifting accessories at the same time.



OPTIONAL

NEW!

#### Vacuum System GRABO

GRABO is the new vacuum lifting device for opening any type of manhole cover, without directional constraints for the operator.

## SETUPS

OPERATIVE CAPACITY*	WIDTH/ DIAMETER MAX	THICKNESS MAX	COVER SHAPE AND HOOKING POSITION
	80 cm	18 cm	

\* Operating capacities remain unchanged for the standard Lifting model and the Atex Lifting model.

SET UP**	LIFTOP	RHINO SLIM DAMPED MAGNET	HOOK 80
MAGNETIC	✓	✓	
MECHANIC	✓		✓
HYBRID	✓	✓	✓

\*\* Equipment and operational capabilities remain unchanged for the Lifting model and the Lifting Atex model.

	TYPE MANHOLE COVER					TYPE OF HOOKING		MANHOLE COVER MATERIAL	
	 Parallelly removable	 Hinged	 Hinged with lock	 Stabilo P.A.M.	 GTS*** with Impact accessory	 008 00	 NO ATTACHMENT POINTS	CAST IRON SHEET METAL	CEMENT STONE
MAGNETIC	✓	✓		✓	✓	✓	✓	✓	
MECHANIC	✓	✓		✓		✓		✓	✓
HYBRID	✓	✓		✓	✓	✓	✓	✓	✓
LIFTOP WITH HINGE PEDAL	✓	✓	✓	✓	✓	✓	✓	✓	✓

\*\*\* To open different manhole cover it is necessary to combine the closed opener with the indicated accessory.

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