

# SIRIO

**ECOSPACE**  
SOLUZIONI DIMENSIONALI

"PERSON ON BOARD" option  
is now also available

## SIRIO - HIGH RISE TWO OPPOSITE COLUMN CAR PLATFORM LIFT

High rise vehicle or goods lifting platform with a capacity of 2500kgs. It is designed for the transport of vehicles or other loads to different levels and it is capable of reaching heights up to 12 metres.

It features two opposite bearing columns and hydraulic lifting cylinders for rise and descent.

The inner part of the lift slides on self-lubricating blocks assuring no vibrations, low noise and no need of lubricant.

Bearing structures are composed by S 275JR steel. Car or goods platform is anti-skid and is recessed into the ground. The columns need to be fixed to bearing walls.

The lifts requires a limited pit (30cm) thus making it possible to also install the product onto the floor with a little ramp.

The lift can be installed either indoors or outdoors: the whole structure can be zinc coated for outdoors installation in order to protect it from the elements.

The whole system is preset for connecting landing doors on the platform or at parking levels. Mesh plate side protections for platform and shaft are also available (200cm high, tailored to prevent from intrusion of any part of human body). Safety stop valves prevent any falls whereas on-floor actuators give the platform stability. On-floor button board controls make the platforms extremely easy to operate.

## SAFETIES

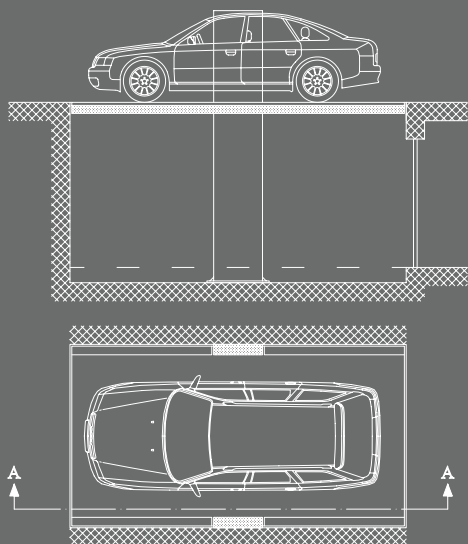
Slowdown switches

Platform electric mechanic actuators (Linak motors)

Overcenter stop valves (against falling)

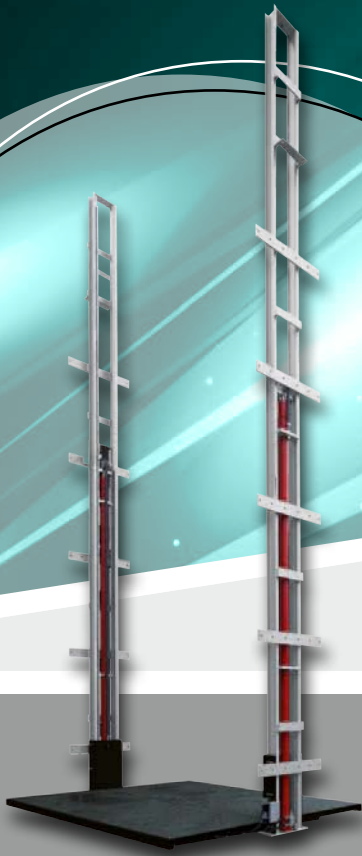
Low voltage controls with "Dead Man" push buttons and key

Emergency stop



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## SIRIO HIGH RISE TWO LATERAL COLUMN CAR LIFT SPECIFICATIONS

Shaft:	5400 x 2600 mm.
Platform:	5300 x 2500 mm.
Pit depth:	300 mm.
Travel:	3000 mm. – 12000 mm
Capacity:	3000kgs
Framework and platforms:	Epoxy powder coating (RAL grey colours 7016 e 9006).
Speed:	6 cms/sec.
Motor:	5.5kw
Tension:	400V triphase
Hydraulic unit:	400x600 H 1000 mm.(to be placed in the machine room)
Control panel:	200x400 H 500 mm. (preset for connecting safety devices and door locks)
Button boards:	100x100 H 200 mm. (with emergency button and extractable key)
Safeties:	Emergency Stop
Lift movements:	"Dead man" controls with extractable key
Floor switch:	Electric type, adjustable to fit floor level
When platform is in motion:	On floor flashing light
Warranty:	2 years on parts

## OPTIONS

Platform dimensions:	oversize dimensions available on request
Finish	Hot galvanic coating
Doors, gates and platform:	Automatic landing doors
	Fire resisting doors
	Anti-intrusion photocells barrier
	Goods or vehicle positioning control photocells
Flashing lights:	Underplatform safety edge (pneumatic type)
	For any extra floor
Auxiliary battery:	In case of power failure (black out)

## DOCUMENTS TO BE PROVIDED WITH THE LIFT

- EC conformity declaration
- Users manual
- Hydraulic and wiring diagram