



JUPITER

Main features

In-ground parking lift system designed for an independent parking of up to three vehicles: two of them are hidden and secured underground whilst an optional third vehicle is parked on the surface above.

This parking systems suits best downtown houses courtyards in a view to easy multiply parking spaces.

The electric hydraulic lifting system features a sturdy self supporting double scissors structure powered by lifting cylinders, which fits a reinforced concrete deep shaft. Platforms are anti-skid type. The upper deck can be prepared for special finishes to match the existing driveway (maximum 70kg m², 5cm thick). A galvanised pit frame to be placed around the shaft for collecting water is provided with for any outdoor use. Frame dimensions vary according to tiles thickness. A number of these car parking lifts can be easily installed side by side in order to gain a considerable amount of parking spaces.

Safeties

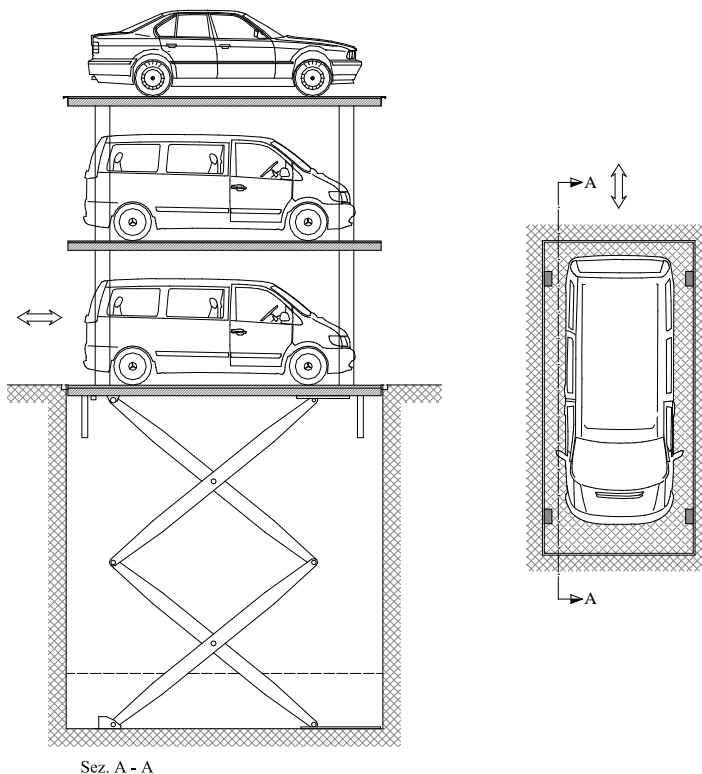
Overcenter stop valves (against falling) fitted on the dual cylinders

Low tension control with "Dead Man" push buttons and key

Emergency stop

(Optional) Vehicle positioning control photocells

(Optional) Auxiliary battery in case of power failure



Jupiter Parking lift system. (2 + 1 vehicles)

JUPITER DOUBLE SCISSORS PARKING PLATFORMS SPECIFICATION	
Shaft:	5400 x 2600 mm.
Platform:	5340 x 2540 mm.
Basement required depth:	5900 mm.
Basement car mad headroom	2000 mm
Max weight allowed on each car place	2500 kgs
Framework and platforms:	Epoxy powder coating (RAL grey colours 7016 e 9006) Anti-skid checker plate platforms.
Speed:	3 cm/sec.
Motor:	5.5 – 7.5kw
Tension:	400V triphase
Mass:	6500 kgs
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” control 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:	To suit client's requirement (Max 6000x3000 mm);
Upper deck:	Suitable for tiles (<80kgs m2)
Pit frame for collecting water:	Hot galvanised metal plates
Finish	Hot galvanic coating
Doors, gates and platforms:	Automatic landing doors
	Fire resisting doors
	Anti-intrusion photocells barrier
	Vehicle positioning control photocells
	Underplatform safety edge (pneumatic type)
Flashing lights:	For any eventual extra floor
Auxiliary battery:	In case of power failure (black out)

DOCUMENTS TO BE PROVIDED WITH THE LIFT	
EC conformità declaration	
Users manual	
Hydraulic diagram and wiring diagram	