

Duplex Parking System

The system is perfectly installed both inside (garage) and outside (garage or outdoor areas) with conditions of the minimum height.

The Duplex, the perfect combination of **elegance and functionality**, can be installed simply with a maximum time of 3 hours without requiring masonry works or changes to existing premises.

Energy consumption of the lift is extremely low and its structural composition of qualified materials ensures long life to the system, requiring only accuracy in use and a simple annual maintenance.

In the busiest cities with high density of vehicles, the Duplex is configured as a practical, intelligent and economical solution to various problems of parking.



PARKTECH



TECHNOLOGY
FOR LIFTING SYSTEMS



PARKING SOLUTIONS Srl
Via Armando Caldora, 4
65129 Pescara (PE)

 **ITALY** 
info@parktech.it

Duplex Parking System

- ITALIAN DESIGN AND RAL COLOUR ACCORDING TO CUSTOMER NEEDS
- CAPACITY: UP TO 3000 KG.
- STANDARD HEIGHT OF LIFTING: 2.000 MM
- USEFUL STANDARD PLATFORM WIDTH: 2.000 MM .
- HYDRAULIC SAFETY SYSTEM WITH PARACHUTE VALVE
- AUTOMATIC INSERTION MECHANICAL SAFETY SYSTEM
- ELECTRICAL AND ELECTRO-HYDRAULIC SYSTEM BOX
- 2500 W PER HOUR CONSUMPTION
- 24 V LOW TENSION CONTROLS, "MAN PRESENT" , 2,5 KW
- WALL PUSH-BUTTONS
- MAXIMUM CAPACITY VALVE
- GOING DOWN MANUAL VALVE IN CASE OF POWER FAILURE
- ANTISLIDING EMBOSSED SHEET PLATFORM AGAINST WATER AND OIL SPILLING
- MILLIMETRICAL ADJUSTABLE HEIGHT OF LIFTING
- ONLY THREE HOURS TO ASSEMBLE, WE PRE-ASSEMBLE THE UNIT IN OUR FACTORY



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HOESCH PROFILES: used to realize the guides of lift where flows the carriage with relatives bearings. The carriage is the main part of the lift that ensure all movements of the lift.



STEEL FE510: acquired by European and certified company

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The lift is equipped of a chain of lifting with a capacity of 20 ton.



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The **power unit** include electrical and hydraulical components: motor, pump and electrical panel. All is closed inside a box for security reason and to avoid tampering by third persons.

Our competitors don't use the protective box for economical reasons.

The **power unit** include also two valve:

- ◆ A maximum capacity valve that stops the movement of lift in case of overload.
- ◆ A going down manual valve that in case of power failure allow the descent of lift in every case.



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ASSEMBLING PHASE:

The Duplex parking system can be **assembled** in a **very easy way**. It require only three hours effected by two technical operators or two persons with a good dexterity.

The easy operation of installion are make possible by the **preassembling** realization of components of the lift.

In this way the components to be assembled are simply four:
platform/column/base/fork

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SECURITY SYSTEMS OF THE LIFT

MECHANICAL SECURITY:

Is composed by a rack inside the guides that guarantees the operations of stationing and elevation of the lift. This system place inside prevents tampering with third operators.

HYDRAULICAL SECURITY:

This security is composed by a parachute valve inserted inside the piston. In case of breaking of hydraulic hose this security stop immediately the lift.

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WARRANTY

Guarantee: all technical materials, plants and equipment, except for business components, supplied with by PARKING SOLUTIONS Srls, have **24 months guarantee** against original faults of construction.

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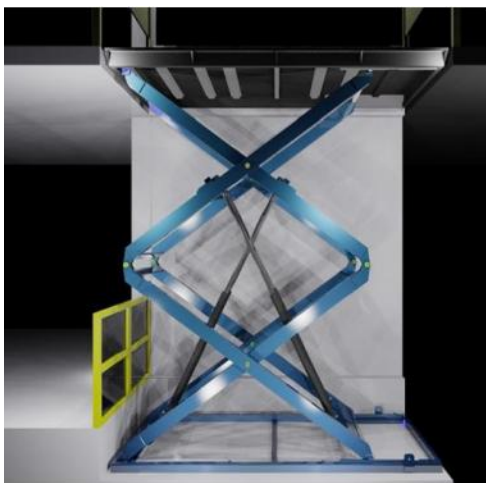
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PARKING SOLUTIONS Srls – Technology for global lifting solutions



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