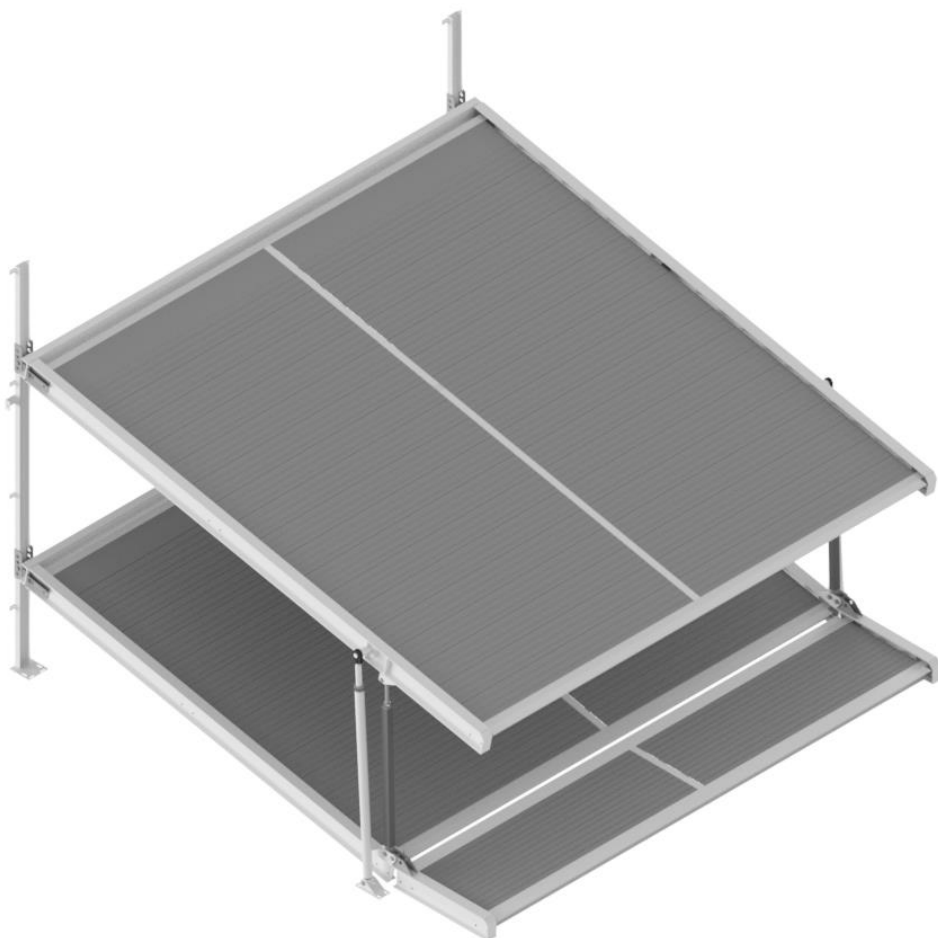




Version 3
2025



UN_861
(SP2 / SP4)

INCLINED INDEPENDENT PARKING SYSTEM

PLANNING DATA

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GENERAL INFORMATION

- ❖ Full legislation coverage.
- ❖ Urban planning folder.
- ❖ CE certificate.
- ❖ Two-year warranty.
- ❖ Electrical board and power unit.
- ❖ Control buttons continuous pressure.
- ❖ Sheet metal floor: Galvanized.

SAFETY SYSTEMS – HYDRAULIC

- ❖ Parachute valves at the bottom of the cylinder.
In case of elastic tube fracture, the machine stops.
- ❖ Overloading valve.
- ❖ Adjustment of the descent valve.
- ❖ Bypass valve.
- ❖ Manual descent in case of power failure.
- ❖ Terminal switches on the travel 24V rise-descent.

ADVANTAGES

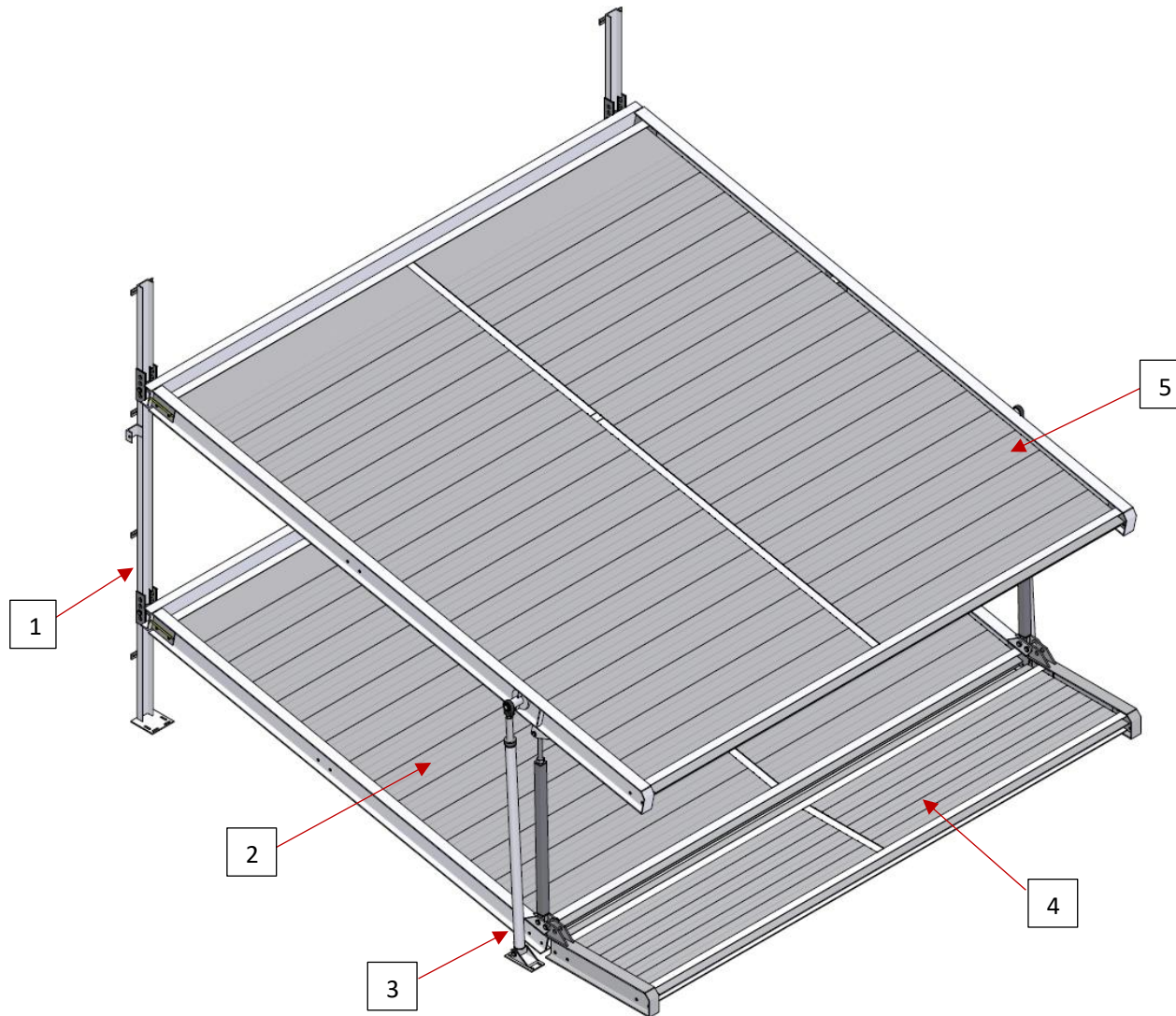
- ❖ Independent parking spaces.
- ❖ They are easy to use in basements and parking lots.
- ❖ They can be installed indoors or outdoors.
- ❖ They are suitable for spaces with limited headroom.
- ❖ Their operation is simple.

The driver presses the button to get the platform to the parking lot at ground level and then parks the car.

The driver gets out of the cars and presses the corresponding button to bring the platform down.

In order to get the car out, the driver does the opposite.

PLATFORM DESCRIPTION



No	Type
1.	Back wall support
2.	Bottom platform
3.	Hydraulic cylinder
4.	Inclined part
5.	Top platform

TECHNICAL INFORMATION

Type	UN_861 – SP2 (Single Parking)
Number of cars	2
Lift capacity	5000 kg

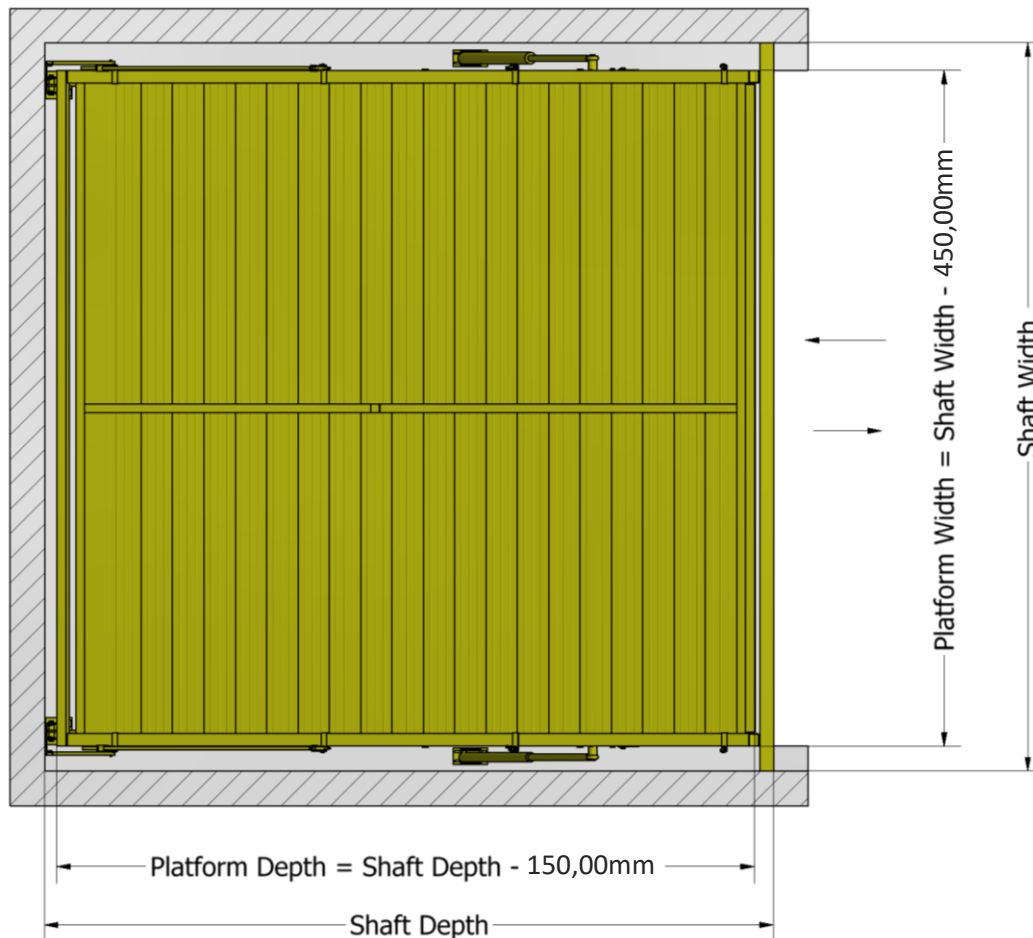
Type	UN_861 - SP4 (Double Parking)
Number of cars	4
Lift capacity	10000 kg

General Information	
Motor	4 Hp / 380V
Power Supply	380V (3-phase), 3kW
Current Operation	16A
Main Required Fuse	3 x fuse 16 A (slow) or circuit breaker 3 x 16 A (trigger characteristic K or C)
Diameter of the hydraulic cylinders	Φ 75-85 / Φ 60-70, Φ45
Travel Speed	0.04 - 0.06 m/s
Rubber hose length	3m
Floor Type	Galvanized
Machine Color	RAL 7040 (Indoor Use) *
Legislation and standards	European directive on machinery 2006 / 42 / EC

* Upon request, the entire system can undergo hot-dip galvanizing to provide robust corrosion protection for outdoor use

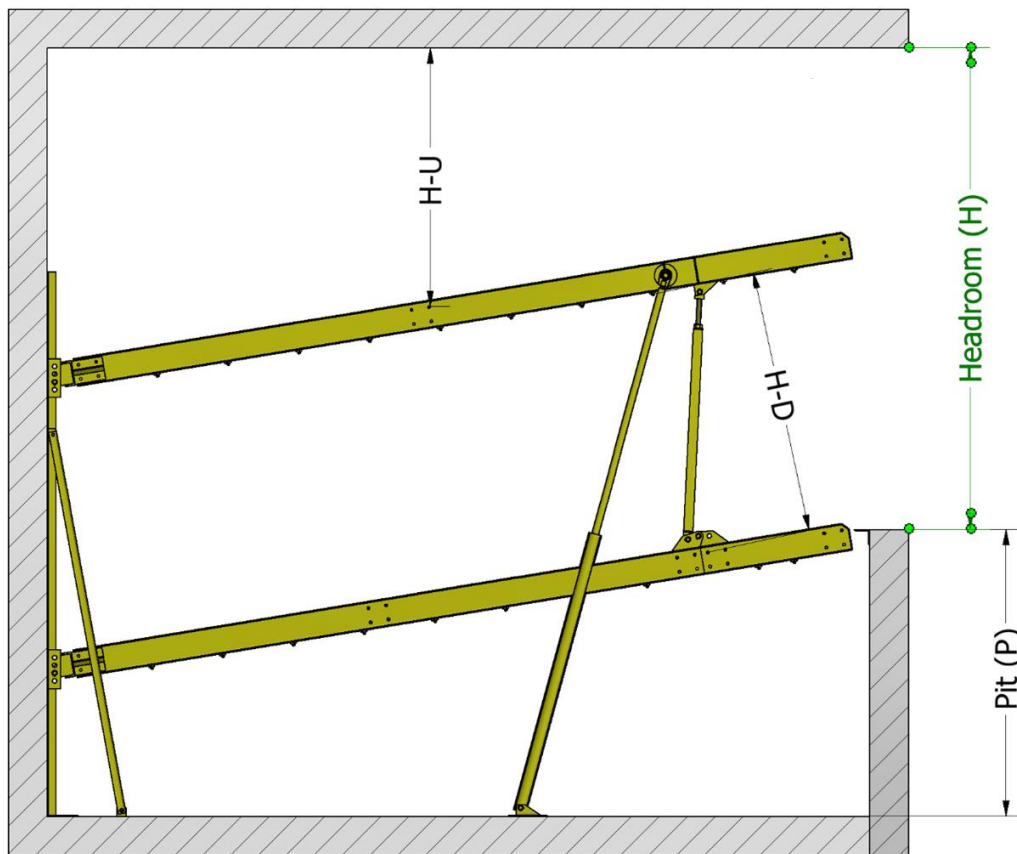
TOP VIEW

Using the drawing below, you can estimate the platform dimensions based on your shaft.



	Shaft Width (mm)	Shaft Depth (mm)
Minimum	2600	4500
Maximum	6000	5500

SIDE VIEW



H (mm)	P (mm)	H-D (mm)	H-U (mm)
2900	1700	1530	1570
2900	1800	1620	1510
3000	1850	1650	1550
3100	1800	1700	1640
3200	1850	1695	1765
3200	1900	1740	1720

* More combinations are possible if required.

CONTROL SYSTEM – LOP



- **Safety Key** – Provided with a specific key to activate or deactivate the system, ensuring restricted access.
- **On-Off Switch** – Toggles between two states: "On" (closed circuit) and "Off" (open circuit).
- **Up and Down Buttons** – Activates downward and upward movement of the platform (Requires continuous pressing to stay activated; releases to turn off).
- **Emergency Stop (Red Mushroom Button)** – Immediately interrupts all the operations. Must be rotated to reactivate the system.
- **Labels** – Clear and easy-to-read labels, using numbers or names in an international

CONTROL PANEL & HYDRAULIC UNIT



The oil tank has a capacity of 30L
The max pressure is up to 80 - 120 bar.

CABINET – OPTIONAL

The control panel and the hydraulic unit can be installed into a cabinet **upon request**.

Space - Saving Design: Measuring at 900mm in height, 450mm in width and 550mm in depth, this cabinet fits seamlessly into tight spaces, making it ideal for installations with limited room.

Durable Construction: Built with galvanized sheet metal panels and painted in RAL 7040, the cabinet offers corrosion and water resistance (IP54), ensuring long-term durability.

