

## Statement of Conformity

*Registered no.*

**TÜV CY 25 MD020633**

<b>Customer's name and address</b>	Sotefin Bharat Pvt. Ltd. 72 B Barakhola Road Kalikapur, Kolkata 700099, India
<b>Tested in accordance with</b>	EHSR Annex I, Machinery Directive 2006/42/EC EN 14010:2003+A1:2009 Safety of machinery - Equipment for power driven parking of motor vehicles - Safety and EMC requirements for design, manufacturing, erection and commissioning stages
<b>Description of product</b>	Automatic Parking System
<b>Type Description</b>	Machinery
<b>Serial-no.</b>	SC-064
<b>Order number</b>	020633
<b>Date of issue</b>	31.01.2025
<b>Validity</b>	From 31.01.2025 to 31.01.2030
<b>Remark</b>	The Statement of Conformity confirms that the machinery complies with Directive 2006/42/EC.

TÜV CYPRUS Ltd  
The head of competent body,

D. Demosthenous

The Inspector,



Accredited by CYS-CYSAB  
Certificate No. C 004-3



*This document is not valid when presented without the full attached schedule composed of 7 sections and 3 pages This certifies the result of the examination of the product sample submitted by the manufacturer. A general statement concerning the quality of the products from the series manufacture cannot be derived there from.*

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## 1. Product Technical Specifications

Puzzle parking systems are intelligent multi-storied parking solutions that enable independent parking of multiple cars. The selected parking space is moved to the desired position by means of an automatic control system and the parking spaces can be shifted vertically or horizontally.

These systems use specialized machinery to move vehicles between parking spots, allowing for efficient use of limited space. The storage units are designed to hold vehicles of various sizes and shapes.

The intended use of the automated car parking system is for parking of vehicles for private owners (non-public use). This project makes use of total 6 levels, 3 levels below ground and 3 levels above ground.

After the power is ON, system is ready to be operated by swiping the card. When system receives the instruction, the PLC system checks all the sensors and pallet positions, and it starts the pallet movement as required. Car parking and retrieving movement are finished by the lifting platform on pit and first floor and sliding of platform on ground and first floors. In the ground level, cars will be parked and retrieved directly. When parking /retrieving on pit or first floors, the car platform underneath this car will slide right or left to leave an empty space for shifting, so the car platform can reach the ground floor, then the car can be parked or retrieved.

### Type key:

Serial number: SC-064

### Technical data:

System Type: -3/+3LVL PIT Puzzle Parking System

Configuration: 4-4-4-3-3-3

ECS: 21 CARS

Rated car weight: 2500kg-f

Car:

- length: 5300mm
- width: 2000mm (1900mm in PIT)
- height: 2000mm (1650mm in -3,-2 and 3LVL)

Lifting drive:

- mechanism: geared motor with chain/rope
- motor: 3.7kW/ 5.5kW (PIT) X 4 POLE
- speed: 4-5m/min (1-2m/min in PIT)
- brake: DC magnetic

Sliding drive:

- mechanism: geared motor with chain/rope
- motor: 0.2kW X 4 POLE
- speed: 4-5m/min
- brake: DC magnetic

Control:

- system: PLC
- mode: RFID card/ manual

Power: 415V 3 $\phi$  + 220V 1 $\phi$  50Hz AC

## 2. Technical file reference

See Technical File CE/TCF/SC-064, rev: 00.

The complete listing is in the assessment report 25 MD 020633 dated 2025.01.27.

## 3. Test report no.

Test documents according to applied standards are reported in the test report No. 25 MD 020633 dated 2025.01.27.

## 4. Application and Limitation

The above mentioned equipment is tested according the standards on the first sheet.

## 5. Notes for the erection and operation:

Refer to the User's Instruction M-PP-0064 (rev 4) for safe and proper operation and service of Automatic Parking System.

## 6. Risks analysis

The risk analysis according to the applied standards is reported inside Technical File CE/TCF/SC-064, rev: 00.

## 7. Performance level evaluation

The Performance level evaluation according to the applied standards is reported inside SISTEMA report (Checksum: 81e00b50bc11fcac64c512bcc738a7b0).

**- End of certificate-**