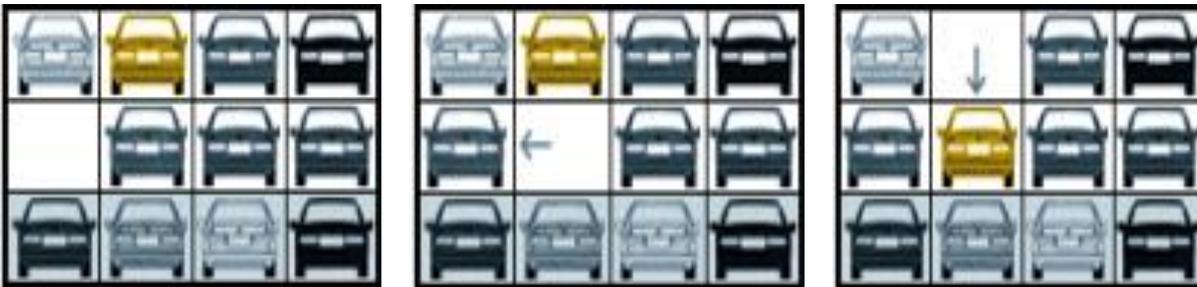


TWO STEP AUTOMATIC PARKING

Two Step Automatic Car Parking System for independent parking of cars above and aside each other. The entrance parking level always has one parking space less than the upper and lower level. This empty space is used for manoeuvring the cars horizontally, so that an upper or lower level place can be moved independently to entrance/exit level.

This car parking system has minimum two parking spaces on the upper level (UL). There is always one parking space less on the entrance level (EL) than on the upper level (UL). This empty space is needed for shifting the EL-parking spaces in order to be able to lower a UL-parking space to the EL. The smallest grid is two for three cars and we recommend not to exceed ten for 19 cars. Depending on the building structure and the number of parking spaces needed several grids can be added to each other.

For dimensions please ask our data sheet :



Design and description :

It consists of a steel structure, lifting and shifting (or slide) installations and upper and lower platforms.

The upper platforms are mounted on hoisting slides. They are lowered and lifted by hydraulic cylinders, which are located at the rear pillars.

The upper platforms are mechanically locked in the upper end position and it is electro-mechanically unlocked before lowering. The front and rear pillars of the steel structure are fixed to the floor on entrance level. The upper platforms are moved along them.

On each side of the upper platforms there is a carrying chain which is deviated by chain wheels at the platform ends. The carrying chain is mounted at the pillars.

The EL-platforms run on rails and are shifted by a travelling gear motor. The gear motor mounted at the rear cross bar drives the EL-platforms by means of a gearwheel and a gear cutting at the rear rail. The electric power supply is ensured by a trailing cable.

Products

Our main products in this category are termed as **Credible Automatic Parking (CAP)**. In this system car access location (Entry/Exit Location) can be provided at any row or at any level. The various models are as follows :

1. **CAP22 - for 3 parking in 2 spaces of 2 levels**
2. **CAP23 - for 5 parking in 2 spaces of 3 levels**
3. **CAP32 - for 5 parking in 3 spaces of 2 levels**
4. **CAP33 - for 8 parking in 3 spaces of 3 levels**
5. **CAP42 - for 7 parking in 4 spaces of 2 levels**
6. **CAP43 - for 11 parking in 4 spaces of 3 levels**

We also undertake special customized need in this system to meet the customer requirements such as private domestic installations, hidden underground parking & special interior or exterior design considerations. Contact us for any further clarification.