



# ROBOTIC STORAGE PODS



*Robotic Parking Systems, Inc.*

ALWAYS AHEAD



LARGEST AUTOMATED  
PARKING FACILITY



# ROBOTIC STORAGE PODS

## OVERVIEW

Fully automated parking systems offer a flexible opportunity to repurpose unused parking spaces for alternative uses such as the storage of household goods and office records. By utilizing storage containers designed to Robotic Parking Systems (RPS) specifications, these systems can seamlessly transition between vehicle parking and containerized storage without modification to the core infrastructure.

## SYSTEM COMPATIBILITY AND MODULARITY

The storage containers are built on top of standard robotic pallet. The automated machinery handles vehicles and containers identically, ensuring full operational compatibility.

- **Container footprint:** 139 sq. ft., identical to vehicle pallets
- **Container dimensions:** width: 7 ft 4 in, length: 19 ft, height: 6 ft 8 in
- **Weight limit:** 6,600 lbs

This modular approach allows parking and storage functions to coexist and additional storage needs can be met in the future.

## CONTAINER CUSTOMIZATION AND FLEXIBILITY

Containers can be custom-built to meet a wide range of storage requirements, offering exceptional flexibility for both large and small users.

Customization options include:

- Adjustable compartment sizes (min length: 5 ft)
- Multiple access points and doors
- Integrated shelving systems





## USER CONVENIENCE AND EFFICIENCY

The system is designed to significantly improve the user experience compared to conventional storage facilities.

- Containers are delivered directly to the terminal area
- Users can load goods directly from their vehicle into the container
- No carts, long aisles, or elevators are required

Once loaded, containers are automatically transported and stored by the robotic system, then retrieved on demand for unloading.

## REPURPOSING UNUSED PARKING AREAS

Underutilized parking capacity can be rapidly converted into high-value storage space without structural changes. The automated system transports containers to and from terminal areas, enabling efficient loading and unloading while maximizing space utilization.

## TERMINAL CONFIGURATION OPTIONS

Two terminal configurations are available to support robotic storage pod operations:

1. **Shared terminals:** Use existing parking terminals for both vehicle and storage container loading/unloading
2. **Dedicated terminals:** Construct terminals specifically designed for robotic storage pod loading and unloading. This option allows for an uninterrupted functionality of the automated parking garage permitting flexibility for the storage load/unload times.

Both options allow seamless integration of storage functionality into existing or new automated parking facilities.



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