

# Shuttle AS/RS

## 2D Pallet Shuttle System

### Automated Storage

The **2D Pallet Shuttle** is a **state-of-the-art AS/RS system**. At the heart of the system is a **robot shuttle capable of moving in any of the shift lanes** without the intervention of an operator or other transport device. This **highly efficient storage system** can be applied in both semi-automated and fully automated warehouses.



Maximum load carried  
**1,500 kg**



Maximum height  
**50 meters**



Minimum temperature  
down to **-25°C**



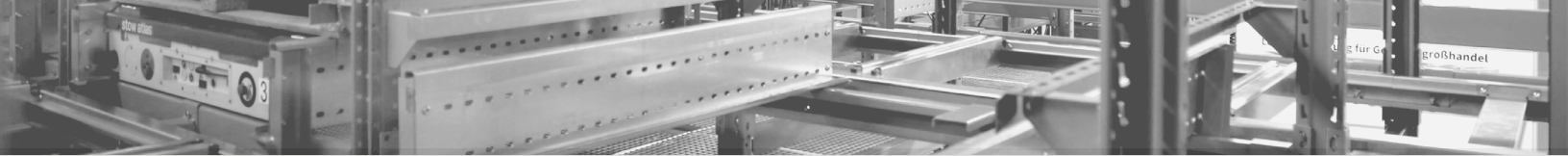
Storage scalability  
**without stopping operation**



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More information



Storage System

2D Shuttle Robot

Central aisle

Lifting System

### 1. Storage system

Higher storage density up to **30 pallets deep and up to 50 meters high.**

### 2. Automatic lifting system

**Multi-level elevator system** for shuttle or pallet transport.

### 3. 2D Shuttle Robot

The shuttles move around the warehouse in **2 directions** and can **carry pallets weighing up to 1,500 kg.**

### 4. Central aisle

**Maximizing pallet storage space** by minimizing the number and width of driving aisles.

Video



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