

Small Parts Storage for an Aerospace Manufacturer

An Olpin Group Installation Case Study

The Challenge:

A leading aerospace manufacturer in Los Angeles was facing a growing problem in their manufacturing operation: *inefficient storage and retrieval of small parts*. As production demands increased, their existing storage system was creating bottlenecks, leading to:

- **Wasted Floor Space:** Traditional shelving took up valuable square footage in their facility, limiting operational efficiency.
- **Slow Retrieval Times:** Workers spent too much time retrieving small parts, causing production delays.
- **Inventory Control Issues:** Without an organized system, parts were misplaced, leading to over-ordering and extra costs.

Precision is critical in aerospace manufacturing, so the company needed a **more efficient, space-saving** solution.

The Solution:

Olpin Group assessed the company's storage challenges and implemented a **Vidir Vertical Lift Module (VLM) solution**, designed to streamline storage and retrieval while maximizing facility space.

This **automated vertical storage system** provided:

- **High-Density Storage:** The VLM condensed the footprint of small parts storage, **freeing up valuable floor space** for production activities.
- **Improved Picking Efficiency:** The system delivered requested parts **directly to the operator** at an ergonomic height, significantly **reducing retrieval time** and increasing productivity.
- **Enhanced Inventory Control:** Integrated software improved tracking, ensuring that parts were stored in designated locations and reducing the risk of loss or over-ordering.



The Result:

After installing the VLM, the aerospace manufacturer saw immediate operational improvements:

- **Critical Reduction in Storage Footprint:** Freed up valuable workspace for manufacturing and assembly.
- **Up to 30% Faster Retrieval Times:** Workers spent less time searching for parts, accelerating production.
- **Improved Inventory Accuracy:** Enhanced tracking led to reduced waste and better inventory control.

By implementing Olpin Group's **Vidir Vertical Lift Module solution**, the aerospace manufacturer transformed their small parts storage from a bottleneck into a streamlined, efficient system. The investment not only **optimized space and improved productivity** but also reinforced **precision and reliability**, key factors in aerospace manufacturing.

