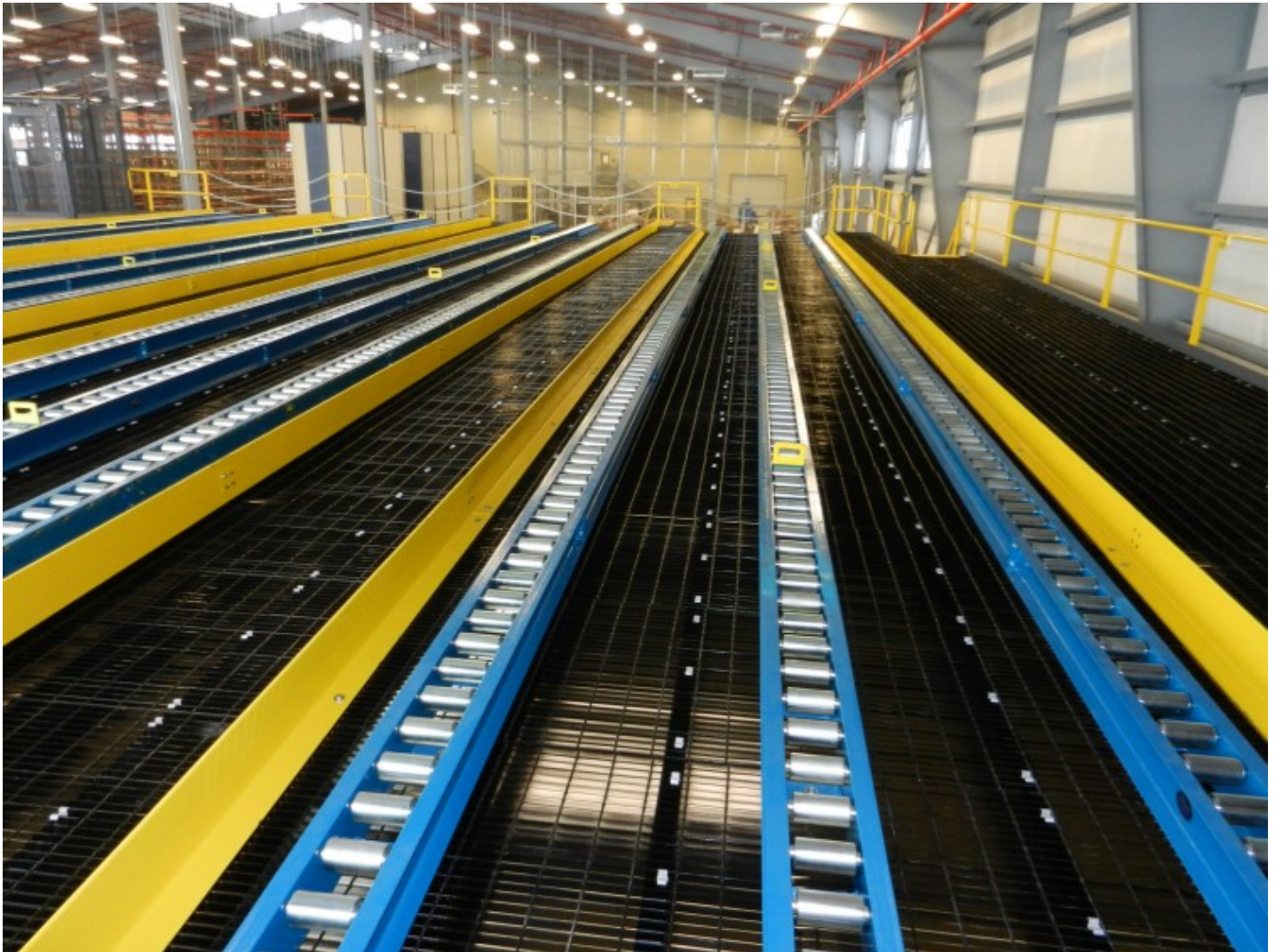


U.S. Air Force



The scope of this military project included a very rigid deadline along with coordinating the delivery and installation of over half a dozen different systems.

Project Objective

The U.S. Air Force 366th Logistics Readiness Squadron provides worldwide logistics support for F-15E aircraft and Expeditionary Combat Support Units. This includes \$800 million of supplies, a 688 vehicle fleet and deployments of more than 50 C-17 equivalent loads of cargo.

The squadron needed a new Receiving, Storage and Distribution System to consolidate four scattered warehouses and add efficiency to their mission of staging material for deployment around the world. Using 463L master pallets as the primary distribution tool, they required the ability to quickly and easily move these pallets which can weigh up to 10,000 pounds apiece.

Project Scope

The Steele Solutions mezzanine supports the Alba conveyor and is designed to support as many as 40 463L pallets. Shown in the gallery below, the Pflow Vertical Reciprocating Conveyor is part of this system as well.

Guide rail in front of the Interlake rack as shown below works in conjunction with the Crown Order Picker vehicles. The Hänel Vertical Storage Columns on the right support up to 500 pounds per shelf.

Project Data

Receiving, Storage and Distribution System

Building Square Feet: 53,000

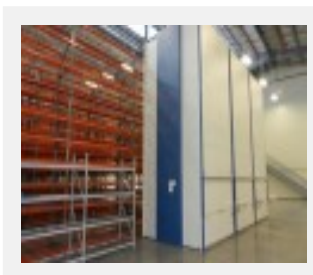
Mezzanine Square Feet: 5,300

Solutions Used:

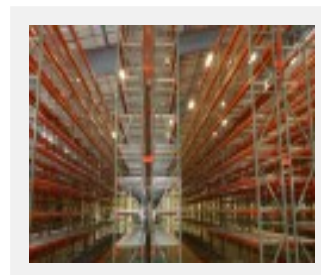
- Pflow Vertical Reciprocating Conveyor
- Crown Rider Reach Trucks
- Crown Rail-Guided Order Pickers
- Hänel Lean-Lift® Vertical Storage Columns
- Steele Solutions Mezzanine
- Alba 463L Conveyor
- Interlake Pallet and Cantilever Rack
- Ridg-U-Rak Wide-Span Shelving
- Omni Metalcraft Gravity Conveyor



Mezzanine and Vertical
Reciprocating Conveyor



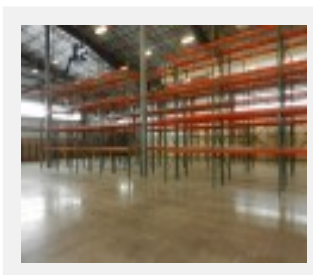
Vertical Storage Columns



Rail Guide Rack



Order Pickers



Wide Span Rack



Cantilever Rack