



## **The Space Launch Industry Relies on Hänel to Store Rocket and Satellite Parts**

### **Features and Benefits**

1. Store more inventory in less space
2. Take advantage of full ceiling height
3. Accommodate many sizes of inventory items
4. Integrates seamlessly with existing WMS

**Industry Group:** MHI AR/RS INDUSTRY GROUP



*The Hänel Rotomat® can be outfitted with a variety of shelves, dividers, drawers, bins and totes to accommodate inventory items of many sizes.*

**Formed in December 2006, United Launch Alliance (ULA) is a 50–50 joint venture owned by Lockheed Martin and The Boeing Company. ULA brings together two of the launch industry’s most experienced and successful teams – Atlas and Delta – to provide reliable, cost-efficient space launch services for the U.S. government.**

**Atlas and Delta expendable launch vehicles have supported America’s presence in space for more than 50 years, carrying a variety of payloads including weather, telecommunications and national security satellites that protect and improve life on Earth, as well as deep space and interplanetary exploration missions that further our knowledge of the universe.**

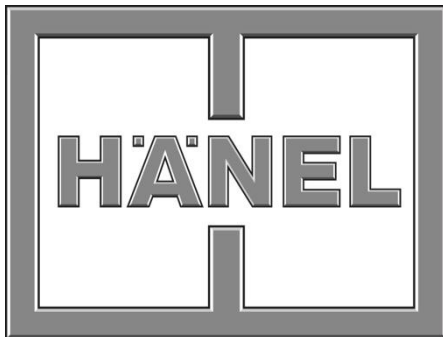
**Manufacturing, assembly and integration operations are carried out at their state-of-the-art production facility in Decatur, AL. In addition to the main facility where the massive rockets are assembled, ULA has nearby warehouse facilities that feed parts and supplies to the assembly process.**

**United Launch Alliance was storing all of their inventory on standard pallet racks, which were not**

ideal for the thousands of smaller components kept in inventory. ULA contacted Hänel Storage Systems to help them get more organized, save space and be more productive when processing larger orders. Hänel recommended the Rotomat® Vertical Carousel, which would allow ULA to take advantage of their full ceiling height, storing more inventory in a much smaller footprint. Since the inventory was consistent over time and most items were of a uniform size and shape, it was an ideal application for a vertical carousel.

Rotomats® could also be equipped with a variety of shelves, drawers, bins and dividers to accommodate a wide range of inventory items. Some items would be stored in their original packaging, while others would be placed into bins for easier access.

United Launch Alliance began with a bank of four Rotomat® Vertical Carousels. Using Hänel's advanced, microprocessor-based controllers allowed the units to be seamlessly integrated into their existing warehouse management system (WMS). Orders can be efficiently processed across multiple machines for maximum productivity and time savings. The success of the initial units convinced ULA to later expand with two additional Rotomat® units.



**Hänel Storage Systems**

121 Industry Drive, Pittsburgh, PA 15275

412-787-3444

info@hanel.us

www.hanel.us