Creform kitting cart protects high-value aircraft replacement and repair parts.

Greer, SC—Creform Corporation, a manufacturer of unique products for material handling and commercial use has designed and built a kitting cart for an aircraft customer that puts a premium on protecting high-value parts that are associated with the industry.

The customer focuses on inspection and repair of aircrafts and their engines. Parts are typically those that not only are critical in terms of their cost but also the potential negative effect on the overall schedule if damaged or lost. Since many of these parts cannot be quickly or economically replaced, they need to be handled carefully. The Creform cart keeps all the parts necessary to complete a task together on a single structure that can be positioned at the point-of-use which help keeps their skilled mechanics on task. The organized layout and dedicated compartments of the cart ensure damage free handling and supports easy visual inventory management.

The five-level kitting shelf cart features a solid surface and a lip around the perimeter of each shelf to ensure that the product stays on the shelf during transit. It features 12 drawers on one end with eight extending out one side and four on the other. Drawers make it easier to retrieve parts in a compact area since no extra space is needed above them for loading and unloading.

The cart features six large 6 in. diameter casters for easy, stable and safe movement. Wheels easily move the structure during transport but also are ideal for housekeeping and/or repositioning, while its open design makes it easy for the user to visually survey the parts stored and to quickly retrieve the desired parts. The cart is also ideal for temporary storage of all the parts needed for a job. Two fixed casters are at the
Creform kitting cart protects…2/ with photo and caption.
Embedded photo is for reference only. Hi-res photo is attached as separate file.

center of the cart and serve as the pivot point. These make the cart easier to maneuver and offers the ability to spin within its own length. The cart’s dimensions are 83" L x 45" W x 63" T and is designed to hold up to 600 lb.

As with all Creform carts, higher capacity and custom cart sizes and configurations are possible with the Creform system of 28 mm, 32 mm and 42 mm plastic-coated steel pipes and metal joints. They can be configured for ESD (anti-static) applications. Cart’s design suitable for either manufacturing or warehouse use. Commercial or military.

The color of the pictured cart shown is high visibility “apple green” but a wide variety of pipe color options are available and upgrade hitches are available for AGV or tugger delivery. Accessories include hooks, label holders for shelf levels or even shelf positions, pockets for paperwork, writing surface with clip boards just to name a few. Creform carts are available as a kit, assembled structure or in component form for a complete DIY solution. Built with clamp together metal joints for easy changes or repairs.

The Creform System is used to create an array of material handling and efficiency enhancing devices and is a proven component in continuous improvement and Lean Manufacturing programs. The company partners with customers in developing and implementing these programs.

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Online at creform.com for additional information regarding Creform Corporation and its products.

Caption CRE-656: Creform kitting cart helps protect high-value aircraft parts.