The proper production sequences. The proper parts. The proper cart. Creform delivers.

Cart developed by Creform for an automotive supplier provides the coordinated effort needed for line side assembly.

Greer, SC—Creform Corporation has developed a cart for an automotive assembler that allows the company to hold exhaust parts for line-side presentation. The parts are oriented and sequenced for upcoming production. Creform and its customer collaborated on the cart’s design to address material handling efficiency, operator ergonomics and protection of the product being moved.

The cart consists of four shelves, with four openings per level. The open design allows for visible inventory management of all four shelves. Each of the slots is open at both ends for easy load/unload and each level features a ½ in. plastic shelf that is divided into four distinct compartments to ensure proper separation of parts, protection and easy removal. Creform 28mm plastic-coated pipe provides the necessary support and structural rigidity.

Parts are handled directly on the cart, eliminating the need for boxes or totes, which helps reduce waste and makes the production associate more efficient in both time and ergonomics.

The cart shown has overall dimensions of 48” L x 28” W x 56” T and has a load capacity of up to 500 lb. It comes with four large diameter swivel casters with 8 in. wheels for easy rolling and positioning, while each end of the cart features a push/pull handle for ergonomic height and comfort. This particular cart is configured for ESD (anti-static) application, but non-ESD configuration is available.
Creform carts are custom configurable with flexible length, width and height dimension as they are built with 28 mm plastic-coated pipe and metal joints. They are available as a kit or an assembled structure or in the basic component form for a complete DIY solution.

A wide variety of pipe color options are available, as are load-bearing capacities. Multiple colors are a benefit particularly if they are used for different departments or product identification. To customize a cart other options that are available include hooks, label holders for shelf levels or shelf positions, writing surface with clip boards, to name a few. Creform carts can be outfitted with a hitch for towing or a user can add a Creform Bolt-On AGC unit and turn the cart into an AGV.

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-589: Creform Corporation sequencing parts cart.