Creform flow rack “steps” up to the challenges of first in first out assembly operations.

Creform designed and built structure ideal for FIFO and ergonomic presentation

Greer, SC—Creform Corporation has introduced a new flow rack with stepped-up design that features three levels for product presentation in the ergonomic “strike zone.” The levels which are most conducive to ergonomic handling by an associate. Each level features two lanes, while one lane at the bottom level is an empty container return.

Each lane of the rack features physical separators on both sides so that the boxes are contained and separated as they flow down the lanes smoothly. Each supply lane features an extra angle at the picking position for enhanced view into the boxes and easier component selection and retrieval. With the stair-stepped design, each level can be raised or lowered without changing the length of the conveyor. Each of the cart’s levels can be repositioned or the entire flow rack can be customized with only simple tools. This greatly simplifies adjustment.

The flow rack features Creform’s wide Placon® Conveyor Rollers. In the pictured flow rack, the boxes feature a reinforced open grid bottom. The wide Placon Rollers span this grid and ensure smooth flow. Placon rollers work especially well with totes with soft bottoms or open cell designs. The 3 in. wide Placon rollers provide the extra support necessary to handle these flow rack challenges. Placon rollers are available in 1 5/8 in. and ¾ in. dia. as well as various pitch centers to accommodate many applications. Stainless steel covered rollers are available where extra roller wear is necessary.

The stepped flow rack is suitable for manufacturing plants or for use in warehouses as it can present production parts to a manufacturing cell or used for order picking or kitting. It features four heavy duty adjustable feet for structure leveling (wheels are an option). The flow rack featured measures 51” Tall x 36” Deep x 34” Wide
Creform flow rack “steps” up…2/ with photo and caption

*Embedded photo is for reference only. Hi-res photo is attached as separate file.*

and is designed to hold up to 750 lb. Higher capacity and custom rack sizes and configurations possible with Creform.

This particular rack is built with anodized aluminum pipe and nickel-plated metal joints. Racks can be built with plastic coated pipe and various colors are available. Further Creform flow racks can be configured for ESD(anti-static) applications and are available as a kit or an assembled structure or in the component form for a complete DIY solution.

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.

CRE-585 Caption: Creform stepped flow rack with wide Placon® conveyor rollers.