Production Parts Cart

Company Name:

Signify

The Problem: No cart to carry optimal number of parts through assembly.

The Solution: Reconstructed a cart that hold all 40 parts safely.

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Background

Signify, formerly known as Philips, is a major LED lights company located in San Marcos, TX. The company has been around for over 125 years and is responsible for providing lights for photographers, restaurants, and stadiums all around the world.

The Problem

Signify's assembly process includes parts being painted, loaded onto a cart, and transferred to production assembly. They didn't have a cart that could hold all 40 parts (optimal size order) so they were using multiple carts per order making it inefficient and unorganized. Their original cart could only hold 20 parts and they were using around 8 carts per order per day. The cart was heavy, expensive, and not user friendly.

The Solution

To solve this problem, the original cart was reconstructed. All of the Trilogic material was stripped and replaced with netting which is light and much cheaper. A u-shape basket was implented so different size parts can be carried. Overall, the new cart was cheaper, lighter, and user friendly. The cart also holds all 40 parts so we accomplished the scope.