

# SMT reel storage solution



- Automatically records the position of reels
- Real-time tracking of materials
- Seamless integration with MRP & MES
- Power failure robustness
- Increase Inventory accuracy
- Decreases Machine set up time
- Reduces space requirement for part storage
- FIFO
- Minimize the Partial Reels
- Substantially reduces Surprise shortages
- Reduces Part Handling time
- Reduces Kitting time
- Decreases Substantially loading wrong parts being loaded in to the Machine feeders
- Reduces SMT machine load time

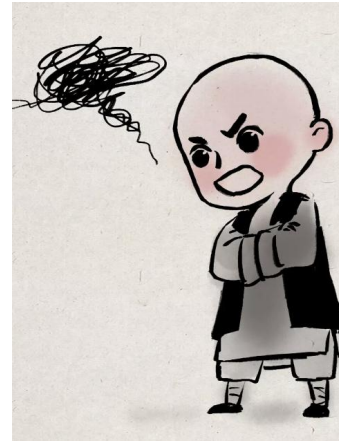
The Smart cart is a valuable tool for the SMT production floor as it quickly identifies reels and reduces costly operator errors. I highly recommend the Smart Cart to any company! Below are pictures of the old carts we utilized and the drastic difference this Smart Cart makes.



**Before**



**VS**



**After**

# Seamless integration with MRP & MES



Automatic  
docking  
ERP



Manual  
EXcel  
import



PDA

Position of  
shelf signal  
light

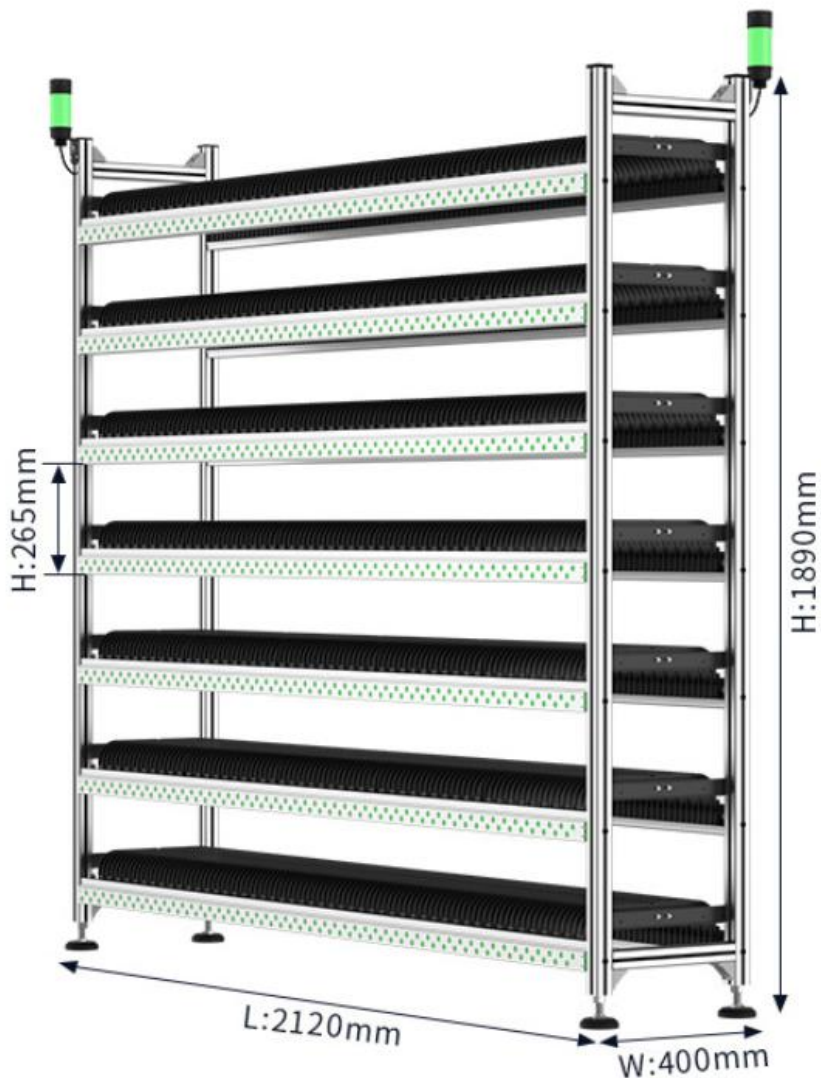


Pick up materials  
according to different  
color signals

The size of the cart is compact and mobile at less than 5 feet. The Smart Cart stores hundreds of reels ranging from 7" to 15" and comes in a variety of widths, which helps operators identify the parts required for the kit in seconds.

Before, we manually stored and replenished reels which would lead to possible errors and extended operator time searching for parts! By using the Smart Cart everything is in the system and saves so much time for us. The Smart Cart has been very dependable, as it is battery operated and lasts several hours.





## Features

- Stores 1200 seven-inch reels or 600 thirteen-inch reels
- Lights up to identify the parts required for the kit
- Small footprint
- Intelligent sensors detect where reels are placed
- Daisy-chain multiple units together for increased capacity
- Retrieve reels in less than 4 seconds
- Return reels in less than 8 seconds
- Reduces kitting time from hours to seconds
- Mobile, on wheels
- Accessible from both sides
- Available battery option
- ROI in 3 – 6 months, typically
- Flexible and easy to use
- Easily links to any MRP software
- Wi-Fi & Internet ready
- Available in 7, 10, 13, and 15 inch reels, widths of 8, 12, 16 and 24, 32, 44, and 56mm
- ESD compliant

## Product use cases



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