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# PICK2LIGHT

Order-Specific Picking  
Kitting Cart Picking

## ALREADY CONVINCED CUSTOMERS



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# EFFICIENT MATERIAL SUPPLY

WITH OUR PICK AND PUT-BY-LIGHT SOLUTION FOR KITTING CART PICKING



## INTELLIGENT KITTING CART PICKING

To optimally supply production lines with components, we rely on an intelligent kitting cart picking system. Using our Pick-by-Light solution at the picking compartments and the Put-to-Light system on the kitting cart, components are specifically distributed onto the cart and linked to the respective orders in the system. This minimizes search times and optimizes material flow. Optionally, instead of permanently installed Pick-by-Light modules on the carts, flexible frame solutions can be used. The frames can then be connected to the cart via a scan or RFID tag, providing a more efficient and cost-effective use of our solution.

## HOW DOES IT WORK??

The order picker starts one or more orders simultaneously and stocks a designated kitting cart. Each cart is equipped with LED modules to precisely and efficiently guide the process.

- ✓ **STEP 1: Start of Picking**
  - + The employee selects the order(s) to be processed at the terminal.
  - + The positions within the kitting cart are linked to the respective orders and materials via the system—each cart receives a unique assignment.
  - + The system calculates an optimal route to minimize walking distances.
- ✓ **STEP 2: Picking the Items**
  - + The order picker follows the predefined route through the warehouse.
  - + An LED module lights up at the respective storage location, indicating which part should be picked.
  - + At the same time, the LED module on the kitting cart shows where the picked parts should be placed (in which box or compartment).
  - + The picking at the storage location and assignment to the cart are confirmed by scanning or touch.
- ✓ **STEP 3: Completion & Handover**
  - + Once all parts for the orders are picked, the kitting carts are forwarded to the production line or assembly area.
  - + The clear visual guidance ensures that each kitting cart is stocked with the correct components.
- ✓ **STEP 4: VERIFICATION & PROCESSING**
  - + The assignment of materials and orders is stored in the system.
  - + The picking confirmation is displayed to the employee at the production line.
  - + It is possible to verify the kitting carts at the production line using scan or RFID to ensure the correct cart is in the right place.

## YOUR ADVANTAGES

- ✓ **Time Savings** - Parallel picking of multiple orders in one go.
- ✓ **Error Reduction** - Clear visual guidance through Pick-by-Light and Put-to-Light.
- ✓ **Efficiency Increase** - Reduced walking distances and optimized route planning.
- ✓ **Modularity** - Scalable for different order volumes and production requirements.
- ✓ **Cost Savings** - Less rework and lower error costs in production.