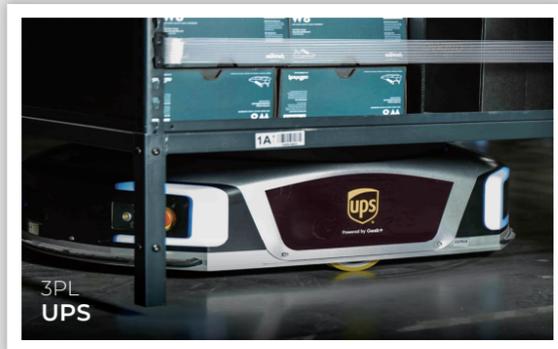


# Applicable to all industries and multiple scenarios

**Application scenarios:** B2B/B2C businesses, piece - picking / full - tote / full - carton / full - pallet picking

**Applicable industries:** Apparel, E-commerce, Retail, 3PL (Third-Party Logistics), Pharmaceuticals, 3C products, Beauty products, Manufacturing, Publishing, etc



UPS Supply Chain Solutions needed a scalable, flexible robotic order fulfillment solution that could be standardized and expanded across multiple facilities

- Increase in picked units per hour **400%**
- Peak unit throughput increase **97%**
- New training time reduced from one week to **2 hours**



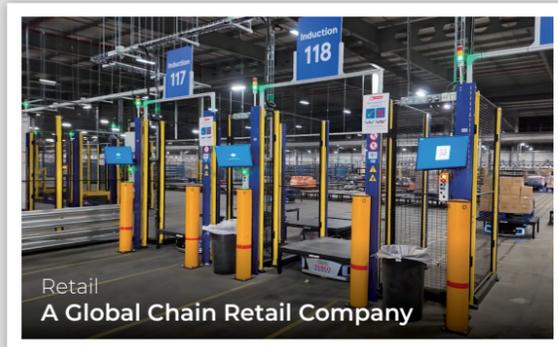
Askul is a Japanese 3PL and office supplies retailer, sources miscellaneous goods and daily necessities from different channels. Has made multiple purchases of the shelf-to-person solutions

- Stores **100,000 totes** and **1,000,000 items**, with full utilization of vertical space, fully accommodating fire doors
- Achieves a high picking efficiency of up to **400 lines/hour/workstation**, increasing productivity by **3.8 times**



S&S project near Chicago, USA. First phase of the project is 110,000 ft<sup>2</sup> and is expanded to a fifth site currently. The main scenario is B2C piece picking

- Full tote in & out, consolidation by each store
- B2B scenario, slotting by orders



This global chain retail company has grown from a a single location to one of the world's largest retailers. This chain is known for its supermarkets, diversification into non-food items, international expansion, pioneering use of retail technology, and commitment to sustainability and community initiatives

- Meet the same-day delivery needs for chilled goods
- **300+ cases/hour/person**, high picking throughput
- Suit cross-docking scenarios with quick turnover and daily inventory clearance

MOVING THE WORLD  
INTELLIGENTLY

CONVEYOR LOGISTICS

Geek+



# Geekplus Next-Generation PopPick Shelf-to-Person Picking Solution

**2~4x Higher Efficiency**  
Efficiency Improvement

**Mixed Storage**  
Higher Adaptability

**Implement within Weeks**  
Easier to Deploy

## Flexible and Scalable

- Easy to install and relocate
- Supports on-demand expansion, movable racks, flexible layout
- Mixed storage and picking, compatible with small, medium, and large items

## Efficient Picking

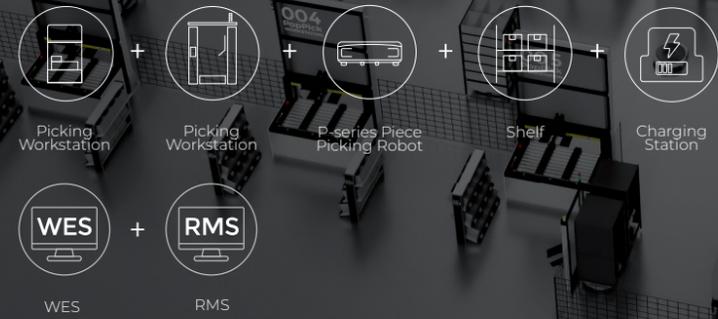
- Compared to manual warehousing, picking efficiency is increased by 2-4 times
- Automated tote retrieval and placement
- Unmanned automated dynamic sorting during night or downtime, high accuracy

## High ROI

- Modular solution with flexible investment
- Improved picking efficiency and accuracy, reduced operational costs
- Deployment quickly, saving time and costs

# Shelf-To-Person Solution

Geekplus new generation Shelf-to-Person (STP) solution uses P-series robots to transport movable shelves to workstations for a variety of tasks, including putaway, picking, replenishment, returns, inventory, and sorting. This solution is composed of multiple modules, including the P-800 and P-1200 robots, shelves, P-800 workstations, PopPick Lite workstations, PopPick workstations, put wall, safety modules, and systems. These modules can be flexibly combined to create a next-generation Shelf-to-Person solution that meets the needs of various scenarios.



## Geekplus PopPick

Geekplus Next-Generation PopPick Shelf-to-Person Picking Solution offers upgraded efficiency, high compatibility, rapid deployment, and ease of use, meeting the needs of various application scenarios.

### Key Features

Manual picking is slow and has a high error rate



**Efficiency and Human-Machine Interaction:** 10 seconds per tote, improved ergonomic collaboration



Handles Diverse SKU Requirements and Adapts to Frequent Business Changes



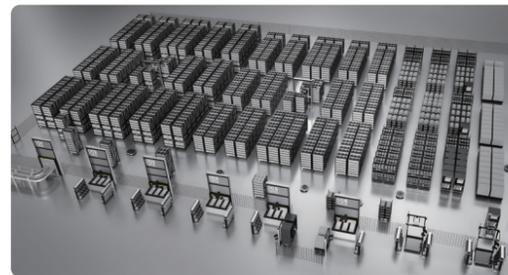
**Storage:** Various types of shelves accommodate large, medium, and small items, supporting multiple picking scenarios including full pallets, split cases, and totes



Requires Rapid Implementation



**Rapid Deployment:** PopPick can be deployed rapidly and PopPick Lite workstation can be set up in just 2 hours



## Robot

Model	P800R	P1200R
Dimensions (L*W*H)	1095*830*195 mm	1325*1020*275 mm
Ultra largeload weight	1000 kg	1200 kg
Load dimension (L*W)	1020*1020 mm - 1250*1250 mm	1250*1250 mm - 1600*1600 mm
Weight	142 kg	288 kg
Operating speed	Unload 2.3 m/s, Full-loaded 2 m/s	Unload 2.6 m/s, Full-loaded 2.0 m/s
Operating time	10-Minute Charge for 2 Hours of Operation	10-Minute Charge for 2 Hours of Operation
Certification	CE/ETL	

## Workstation



**P800 V3 Workstation**  
Safer, Simpler, and More User-Friendly



**PopPick Lite Workstation**  
10 seconds per tote, comfortable human-machine interaction



**PopPick Lite Docking Conveyor Line**  
Automated, unmanned entry and exit



**PopPick Lite Hub Dynamic Slotting Workstation**  
Dynamic slotting within the storage area

## Shelf

Multiple types of shelves accommodate storage for large, medium, and small items, supporting various picking scenarios such as full pallets, split cases, cartons, and totes, making it suitable for the picking needs of multiple industries.

