GOODS TO PERSON SOLUTIONS

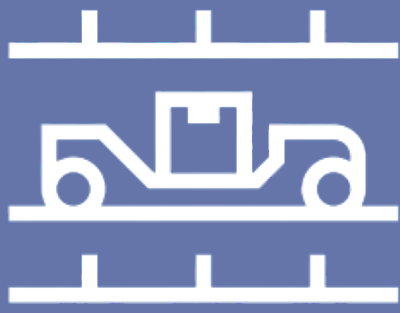**ABCO SYSTEMS**

GTP or goods to person are a modernized method or style of order fulfillment that stores and retrieves merchandise and/or assists in the picking process and delivery to a staging area for packing and dispatch

GRID BASED STORAGE

- High density cube design
- Ideal for tight spaces
- Bins, robots, pick interfaces
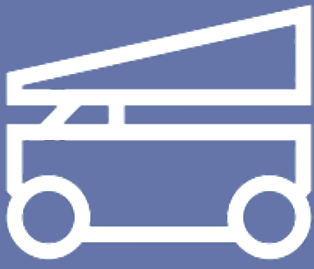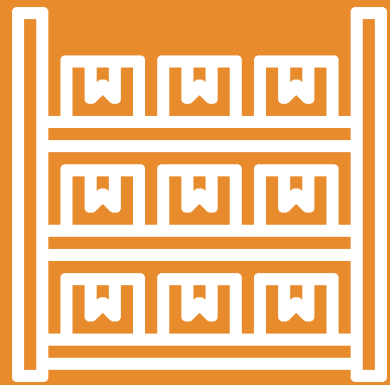- Easily adapts to changing environments

SHUTTLE & RACKING

- Can move across levels, aisles
- Shuttles, racking
- Totes, trays, cartons
- Manufacturing, buffering, delivery products
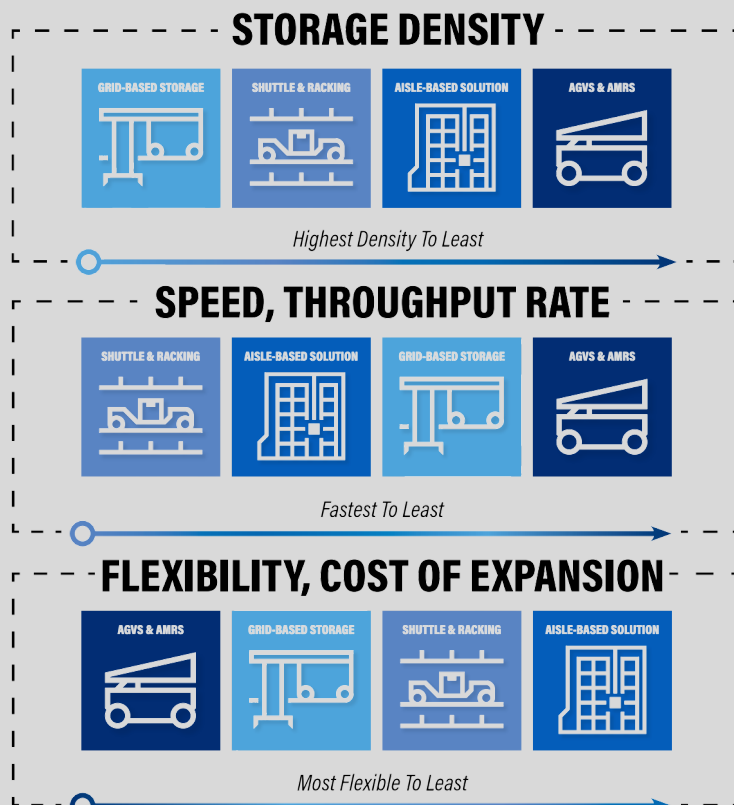
AISLE-BASED SOLUTION

- Maximize overhead space, narrow footprints, secure enclosure
- Aisle-based equipment, static racks or shelves, various load handling devices
- Totes or bins
- SKUs with mid-range activity

AGVS & AMRS

- Dynamic storage integrates with existing infrastructure
- Shelving, AMRS
- Cartons, boxes or bins
- Inbound receiving, storage, outbound order picking

RATINGS

STORAGE DENSITY

GRID-BASED STORAGE	SHUTTLE & RACKING	AISLE-BASED SOLUTION	AGVS & AMRS

Highest Density To Least

SPEED, THROUGHPUT RATE

SHUTTLE & RACKING	AISLE-BASED SOLUTION	GRID-BASED STORAGE	AGVS & AMRS

Fastest To Least

FLEXIBILITY, COST OF EXPANSION

AGVS & AMRS	GRID-BASED STORAGE	SHUTTLE & RACKING	AISLE-BASED SOLUTION

Most Flexible To Least

PONDER POINTS

How much automation is just enough?

As a general rule, automation should simplify and maximize optimal processes.

BENEFITS

- Dynamic solution that keeps up with market changes
- Physical space constraints
- Scalable with no operation interruption
- Energy efficient
- Lights out solutions
- Ergonomic work stations

INTEGRATED PICKING SYSTEMS

Pick to Light & Software

- Create productive, ergonomic and accurate workstations24/7 lights out operation

AI-Powered Piece Picking Robots

- 24/7 lights out operation
- Accelerate new SKU integration
- Scalable and flexible for future operations

IMPACT

- Adjust to labor capability
- Increase efficiency and accuracy
- Improve labor economics and safety
- Eliminate travel time
- Faster ROI

FUN FACT

The global warehouse automation market was valued at **$29.6 billion in 2020**. By **2025**, it's expected to grow to **$69 billion**, with **CAGR** (compound annual growth rate) of **18%**.

Warehouse Automation 2” Analysis

IMPORTANT CONSIDERATIONS

Facility slab thickness Facility configuration and available space

Product velocity; speed of picking, fast-moving SKUs, kitting storage

Find out more:

ABCOSystems.net

ABCO SYSTEMS