

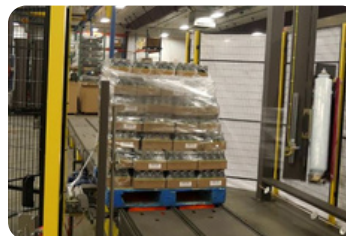
## AGVs

Automated guided vehicles can be cost-effective replacements for people performing repetitive transportation and/or lifting tasks. Some are unmanned pallet trucks that can automatically engage/disengage pallets and follow unlimited routes while others perform the same task tugging a train behind it and others simply transport product to its destination once its deck has been loaded by conveyor or other devices. Their cost runs the full gambit, depending on the payload, application and throughput requirements. With the dearth of reliable labor and drudgery of people driving back and forth all day for multiple shifts, AGVs are becoming a popular alternative.



## AMRs

AMRs are unmanned mobile robots that facilitate order picking. With their "air traffic control" software overseeing their activities, AMRs scoot around the picking area dramatically reducing how much your pickers must walk- sometimes 7-10 miles per day. They increase throughput, reduce labor and become your pickers' new best friends. As a result, the growth of AMRs has been exponential and there are programs where you can pay on a SaaS basis and add/reduce your fleet of AMRs based on seasonality.



## Automated Packaging, Labeling & Stretch Wrapping

We'll find the best solution for your packaging needs that increases accuracy and productivity while saving you money. Whether you need a complete turnkey, automated systems or a single piece of equipment, we can design and integrate a flexible and scalable solution for most customer applications.



## Get A Competitive Advantage AUTOMATION FOR TODAY'S OPERATIONS

The demand for automation and robotics is gaining traction across many industries due to rising costs, labor shortages, harsh work environments and faster delivery times. Processing lines, manufacturing sites and distribution centers are being impacted. Companies realize they must automate in order to stay competitive. Abel Womack helps you optimize, connect and automate your operations with a variety of tools and services.

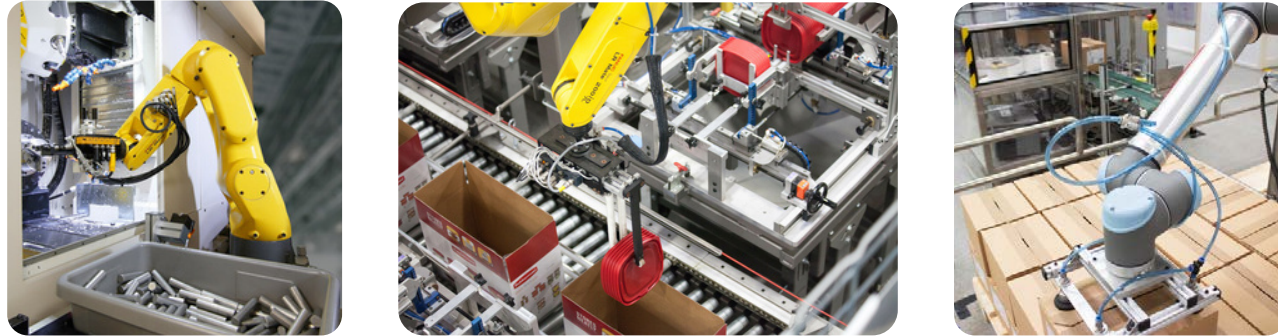
**ABEL WOMACK**

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## Robots & Cobots



As an authorized systems integrator for FANUC America and Universal Robots, Abel Womack works to develop and install turnkey robotic solutions that create a more efficient, productive, and cost-effective way to automate processes faster for our manufacturing and distribution clients. Applications include:

›Picking ›Packing ›Palletizing ›Depalletizing ›Machine Tending ›Assembly

## Mini Loads, Pallet Loads, Goods-to-Person



Automated storage and retrieval (ASRS) solutions maximize efficiency for your system. With a huge array of products and solutions, Abel Womack can meet your requirements for ASRS that are both application and industry-specific.

- › **Mini Loads** - minimize the footprint and maximize the use of vertical space to store and retrieve small loads like totes, trays and cartons in less space, quickly and efficiently.
- › **Pallet Loads** - extremely efficient, can reach heights of over 100 feet, and can be installed in rack widths as narrow as 56 inches, depending on pallet size.
- › **Goods-to-person** - reduce labor and increase throughput and accuracy by delivering product directly to a worker or robot; a flexible, scalable and cost effective system.

## Conveyor & Sortation Systems

Move and sort individual products or complete pallets with a stand alone, portable, or customized conveyor system designed around your specific needs, applications and facilities. Increase throughput by removing bottlenecks and enhance the productivity of your operation. Conveyor and sortation systems are scalable and can integrate with your current system. Abel Womack offers a wide range of conveyor products and sortation systems, superior design capabilities, simulation, project management, systems installation and support services.



## High Density Storage System

Utilize the full height of your existing building with a versatile, semi or fully automated Radioshuttle system designed according to your facility's requirements. It works in all temperature zones and can be installed in virtually any facility, it maintains selectivity for each lane and dramatically increases operational efficiency and storage density.



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