

# PALLETIZING AND ROBOTICS

Our attention to detail in production carries over into our robotic automation. We specialize in compact robots for delicate products such as a single muffin, cake or bottles into cartons or trays. Larger scale robots have payloads of over 300 lb, and can load up to 508 danishes from pans into the packaging style of your choice. These robots also support the automation of sizable products for both case loading and palletizing processes. Whether your products are small and fragile or large and bulky, we can create a system to handle your exact needs.

yeamanmachine.com

# BENEFITS



## CONSISTENCY AND RELIABILITY

Robots can work tirelessly for 24 hours a day, 7 days a week, 365 days a year, with minimal maintenance. Depending on the application automating with a robot can free up two to five, or even more, full time employees. Robotic automation removes human error as most robots are set up to run repetitive tasks with only the necessary movements to complete a given function.



## FLEXIBILITY AND ACCURACY

Once a robot is programmed and trained it will perform its functions accurately and consistently all the time. These robots can easily change over with the push of a button. Or when you have a large range of objects you need to handle, custom end of tool arms can be created to handle your products in the most efficient way without damage to your products.



## LABOR RESOURCES AND UTILIZATION

Utilizing robots frees up your skilled personal from mundane tasks so they can be placed in more valuable positions. Workflow can often be unpredictable, but there is no need to take on the added pressure of filling staffing needs. Scaling is easy. Robots can be added when demand is high, or they can be redeployed to handle different tasks.

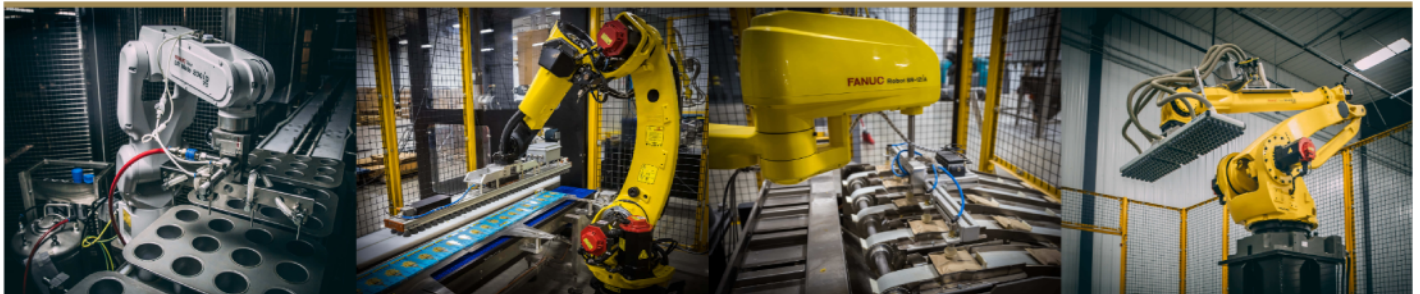


# — VISION GUIDED ROBOTICS —

Vision guided robotics (VGR) systems consist of multiple technologies working together to provide reference points for the robot. Using special-purpose lighting, one or more cameras and software, the robots can recognize, process and handle objects based on visual data. Depending on the application this data can be converted into two-dimensional (X and Y) or three-dimensional (X, Y, and Z) information to properly pick, orient, and place objects.



## — ROBOTIC APPLICATIONS —

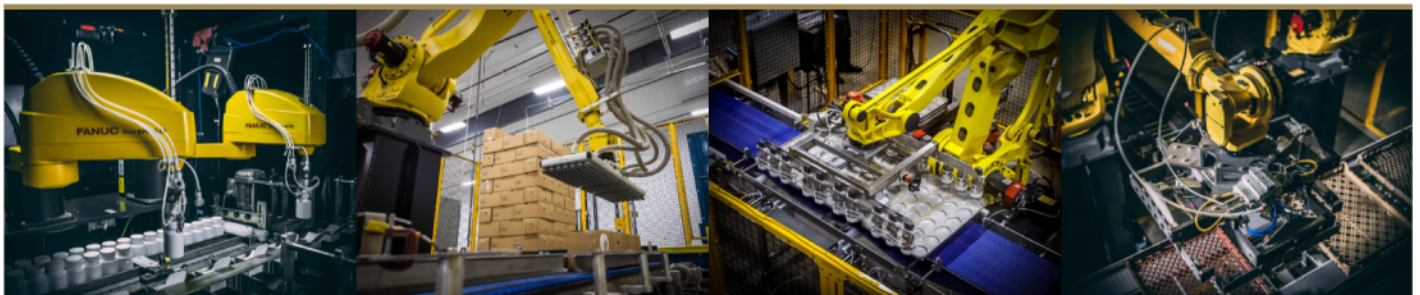


CHEESCAKE SWIRLING

CASE PACK CARTON  
STACKING

POUCH TRANSFER

ROBOTIC PALLETIZING



BOTTLE LOADING

CASE PALLETIZING

PAN UNSTACKING

BASKET HANDLING

# ABOUT US

Yeaman Packaging Systems have a clear and simple approach to creating the most suitable and economical automated equipment for your packaging needs. This vision yields machines that are more efficient, of a smaller footprint, and are easier to operate. This design culture we've carried from the beginning lets us meet the regulations and expectations required of manufacturing facilities today.

Peak performance coupled with our extensive knowledge of product handling creates optimal packaging equipment that can handle a large range of products. The construction principles we employ gives us the means to provide you with the systems that satisfy your needs today and can adapt for the opportunities of tomorrow.

## Service/Support/ Consultation

We offer 24/7 support and an in-house inventory of all critical spare parts, ensuring timely delivery for any part that isn't in our stock. We can evaluate plant practices and production flows, leveraging extensive experience to tailor plans for efficient resource utilization. Our service technicians provide seamless on-site installations, troubleshoot issues, and provide operator/maintenance training.

# MACHINE INTEGRATION

The modular design of our machines allows for multiple machine integration into one synchronized line, ensuring a smooth and efficient packaging process from start to finish, demonstrating the remarkable adaptability and versatility of our packaging solutions.

### VERTICAL CARTONERS

Convertible hand load or fully automated carton filling solutions that can give you endless capabilities from .5 oz to 50 lb cartons, at rates as high as 1,166/cpm.

### PRE-MADE POUCH FILL AND SEAL MACHINES

Five different models compatible with all of our product filling features from our arsenal to fill and seal pre-made pouches up to 24 lb at rates as high as 70/ppm.

### HORIZONTAL CARTONERS

These cartoning machines are built to withstand your fast-paced and tough manufacturing environments, while providing high volume outputs.

### PALLETIZERS

Advanced robotics with payloads exceeding 300 pounds - invaluable for case loading and palletizing tasks.

### CASE PACKERS

Full line of case packers, multipackers, erectors and sealers. All sized to integrate with our standard primary packaging equipment.

### FULL LINE INTEGRATION

Rest assured we can handle your custom packaging needs with the same finesse as our standard equipment. From robotics, to sleeves, to rigid container fillers, we got you and your products covered.



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