

# ROBOT PALLETISER

## PALLET ON CONVEYOR



### Packweigh Robot Palletiser - Pallet on conveyor

This Packweigh Robot Palletiser configuration will achieve continuous flow allowing time for a forklift to remove the previous pallet without interrupting the work flow

This makes the process faster and more efficient. The perfect combination of ABB robotic technology with the custom-engineered unique adjustable bag gripper, pick up station and bag conditioner that is designed and manufactured by Packweigh creates a highly efficient and precise solution

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#### Step-by-Step Process:

##### 1 Bag Entry & Conditioning

- Filled bags travel bottom-first, label-up from the bagging equipment through bag conditioning, to the pickup station ensuring optimal shaping for stacking.

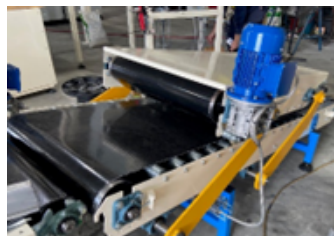
##### 2 Bag Pick-Up & Positioning

A forklift operator places an empty pallet onto the conveyor. When the previous pallet is completed, the empty pallet will be automatically fed into the stacking position

- The robot's adjustable gripper, securely picks up bags and places them on the pallet in the pattern the operator has selected on the easy to use HMI touch screen.

##### 3 Completion & Pallet Removal

- Once stacking is finished, the full pallet automatically exits via the muted light curtain. This allows the forklift to pick up at any stage during stacking of the next pallet. This optimises efficiently and allows for upgrades in the future if required.



Packweigh Equipment

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