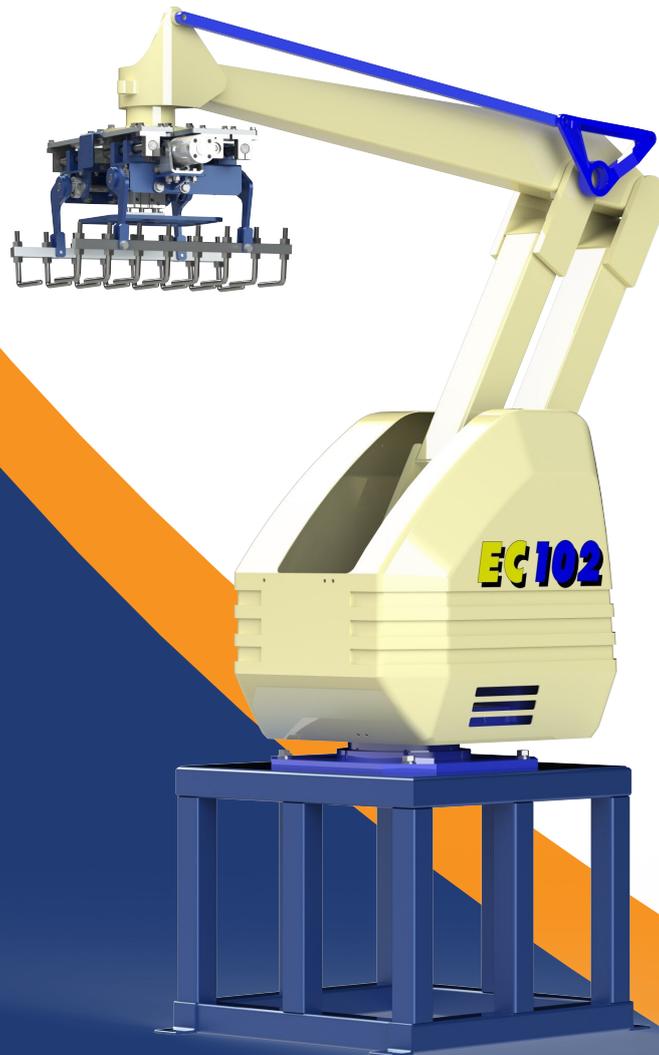




THE SACK FILLING &  
ROBOT PALLETISING  
COMPANY

LIMITED



# EC-102

## ROBOT PALLETISER

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## ROBOT PALLETISER

The Sack Filling Company's range of robots provides one of the most flexible methods automated product handling currently available. Each system is designed to exceed customer expectations.

The EC-102 robot palletiser is ideally suited for packing lines with moderate production rates. With ultra-quiet operation, improved efficiency of operation and by utilizing only 2.5KVA, it is extraordinarily economical to own. The EC-102 is available in two models, a high speed solution, the EC-102HS and the EC-102HD for heavy weight applications.

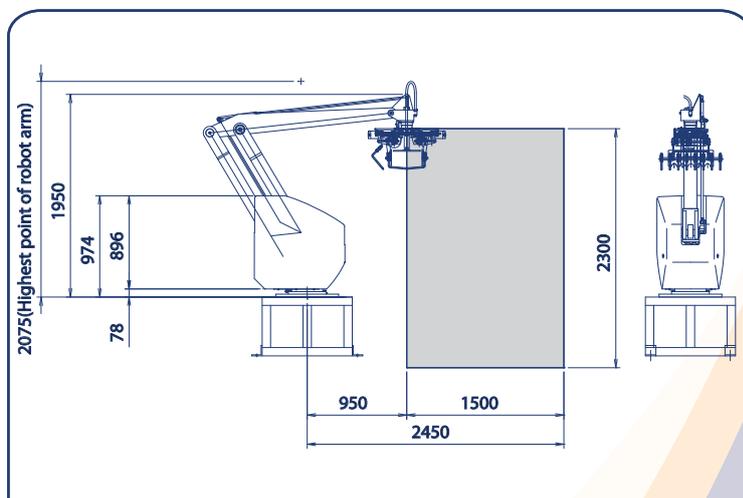
- Optimized - no compromise design for palletising
- Developed for high capacity production lines
- Simply integrated into existing plant layout
- System software can handle up to 4 varying product sizes onto 4 separate pallet positions - simultaneously.
- Speeds up to 1300 cycles per hour.
- Compact system footprint
- Depending on the product, the multi pick-up facility allows speeds up to 4000 units per hour.
- Up to 160kg lifting capacity.
- Touch screen programming panel.
- Ultra-quiet operation

### Optional Extras

- Cold Environment Upgrade
- Harsh Environment Upgrade
- Memory Program Expansion
- Auto Reject Function
- Simultaneous Multi-Size Product Handling

### Ancillary Equipment

- **Pallet Magazines-** To supply empty pallets one at a time to pallet line. Can also be used to stack empty in a de-palletising system. Maximum stack - 900kg.
- **Pick-up conveyors-** Powered rollers allowing the robot hand to gently pick up product.
- **Pallet Conveyors-** Bespoke manufacture to suit customers plant layout and special requirements
- **Slip-sheet and Tray Applicators-** Automatically place plastic slip sheets from a roll, cardboard slip sheets from a stack and place then erect trays from a stack.



### TECHNICAL SPECIFICATIONS

MODEL	EC102HS	EC102HD
Capacity*	1300	800
Payload	70kg	160kg
Power	415V, 3 Phase, 50/60Hz	
Power Usage	2.5KVA/6.5A	2.5KVA/6.5A
<b>Operational Space</b>		
Z axis (vertical)	2300mm	2300mm
R axis (reach)	1500mm	1500mm
θ axis (turn)	330°	330°
α axis (wrist)	330°	330°
* Max cycles per hour under ideal conditions.		

### End Effectors

We offer a range of end effectors (hands) to handle a wide range of products. Such as:

- Bags
  - Boxes
  - Kegs
  - Cans
  - Tubs
  - Bales
- We can design and manufacture an end effector to suit almost any product or item.



### After Sales Service

Fast on site service by factory trained engineers coupled with extensive stocks of competitively priced spare parts guarantees maximum productivity and protects the customer's investment.

**The Sack Filling & Robot Palletising Company Ltd.**  
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