

MORRAY



EC-201

ROBOT PALLETISER

EC-201

ROBOT PALLETISER

The Morray 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-201 robot is one of the most technologically advanced robotic palletisers on the market today. With three EC-201 models to choose from, offers a solution for High Speed (HS), Heavy Weight (HD) and Super Heavy Weight (W) applications. This new generation robot provides an ultra-quiet operation, improved efficiencies, and maximum flexibility that accompany "high speed" palletizing technology.

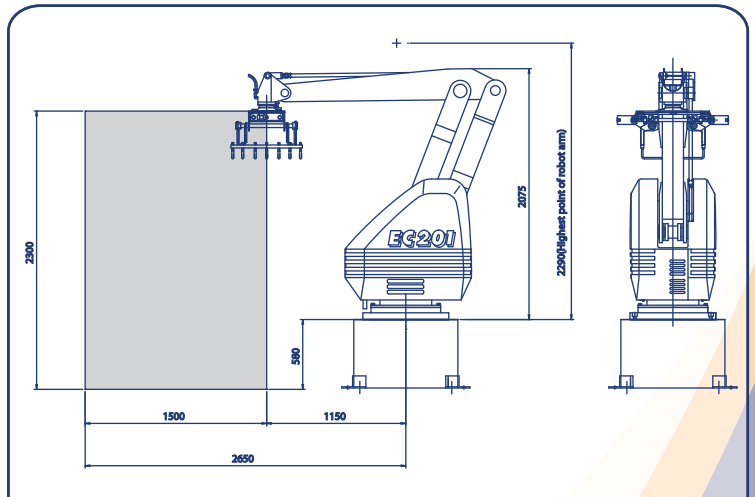
- Optimized - no compromise design for palletising
- Developed for high capacity production lines
- Simply integrated into existing plant layout
- System software can handle up to 4 varying product sizes onto 4 separate pallet positions - simultaneously.
- Speeds up to 1800 cycles per hour.
- Compact system footprint
- Depending on the product, the multi pick-up facility allows speeds up to 5000 units per hour.
- Up to 320kg 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
- **Slipsheet 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	EC201HS	EC201HD	EC201W
Capacity*	1800	1600	600
Payload	70kg	200kg	320kg
Power	415V, 3 Phase, 50/60Hz		
Power Usage	6.5KVA/17A	6.5KVA/17A	7KVA/18.4A
Operational Space			
Z axis (vertical)	2300mm	2300mm	2300mm
R axis (reach)	1500mm	1500mm	1500mm
θ axis (turn)	330°	330°	330°
α axis (wrist)	330°	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

Also, we can design and manufacture an end effector to suit almost any product.



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.



Morray Engineering
 Anglia Way, Braintree,
 Essex, CM7 3RG, UK.
 Tel: +44 (0)1376 322722
 Fax: +44 (0)1376 323277
 E-Mail: sales@morray.com
 www.morray.com