

# COMPACT C211 KT800 Dual Cell Robot Palletiser

**Brillopak**  
INNOVATIVE AUTOMATION

Continuous palletising without the need for product accumulation.



## CONTINUOUS PALLETISING:

**MULTIPLE  
PRODUCTS**

**MULTIPLE LAYER  
PATTERNS**

**ADDITIONAL  
SAFETY GATE  
BETWEEN CELLS**

Similar to the smaller KT400, the dual cell machine has a small footprint and is designed for cases, boxes, trays, and bags. Brillopak specialist end effectors will handle multiple case or bag sizes, as well as all current supermarket rigid/collapsible tray types without the need for tooling changeovers.

### Additional Benefits:

- Compact size.
- Specialist Brillopak robot heads. Run multiple products with no tooling changeover.
- Simple to operate by unskilled staff.
- Easy to programme new patterns in-house.
- Enhanced safety features.

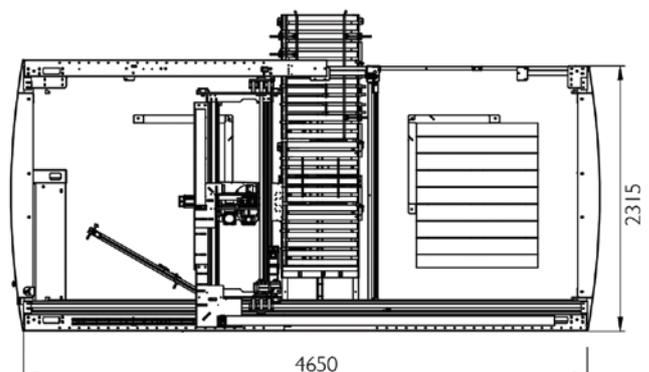
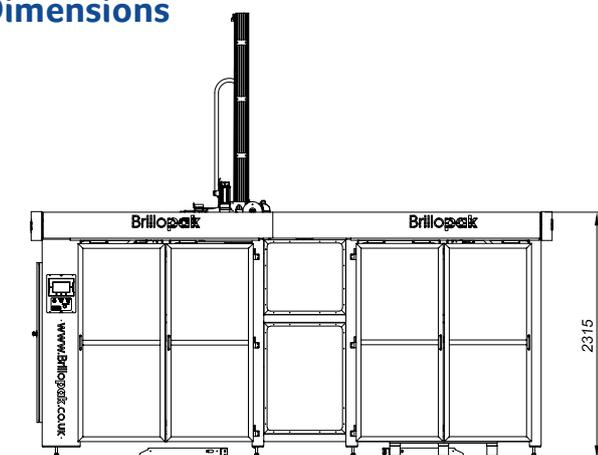
### Flexibility of performance

As with all Brillopak systems, the C2 KT800 is built to maximise return on investment. As well as handling multiple application with the same specialist head the use of EtherCAT allows for superior synchronising of the servo drives which means faster and more accurate placement without damage to product dispensing.

## Technical Data

Speed	Up to 10 cycles per minute dependent on product.
Dimensions:	4650mm x 2150mm x 2315mm (excl. mast)
Max. Pallet stack height:	1600mm
Minimum Ceiling Height:	3.2m
Head:	Adjustable force and closing speed, food grade materials. Servo head option. Specialist clamp, gripper and vacuum heads.
Robot:	Brillopak 2-4 axis robot gantry mounted.
Frame:	Mild steel manufacture with plexi-glass or mesh safety panels.
HMI:	Omron HMI touch screen control panel.
Motion Controls:	Omron NJ Series.
Servo drives:	Omron 400w-2000w dependent on axis. Z axis braked motor. Absolute encoders used for fast start-up.
Communications fieldbus system:	EtherCAT communication structure. Simple plug in, plug out of new parts.
Status beacon:	4 colours
Enclosure/Motor Specification:	Minimum IP55 dust, splash proof.
Electrical & Pneumatic Components:	ISO/DIN standard.
Pneumatic supply:	Compressed air at 6 bar min.
Electrical:	3ph+N+E x 400/440 Vac, 50 Hz, 16amp.
Control Circuit:	24v DC
CE Marking:	Certificate of incorporation included.

## Dimensions



MADE IN BRITAIN 