

COMPACT C2 KT400 Flexible Robotic Palletiser

Brillopak
MADE IN BRITAIN 

The Compact KT400 is our smallest palletiser and is designed for cases, crates and bags.



SMALL AND FLEXIBLE:

**MULTIPLE
PRODUCTS**

**MULTIPLE
PATTERNS**

**EASY TO
PROGRAMME**

The system utilises motion control technology to ensure fast and accurate placement of trays and cases onto pallets. 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. The optional use of a servo drive in the specialised head delivers optimal speed without damaging the product. The system can be provided floor standing or over conveyor and is available in 3 layouts. Brillopak palletisers are made of the highest quality components and are designed for 24/7 heavy usage.

Additional Benefits:

- Compact: Smallest palletiser for crates.
- Specialist Brillopak robot heads. Run multiple products with no tooling changeover.
- Simple to operate by unskilled staff. Select the product and press start.
- Easy to maintain. Simple plug in, plug out of new parts.
- Enhanced safety features.

Modular design for ultimate flexibility

As with all Brillopak systems, the C2 KT400 is built to maximise return on investment. As well as handling multiple application with the same specialist head the C2KT400 allows the pallet to be stacked on the floor for tight spaces or, alternatively, over low profile conveyors.

Technical Data

Speed:	Up to 10 cycles per minute dependent on product.
Max. Pallet stack height:	1600mm
Minimum Ceiling Height:	3.2m
Head:	Adjustable force and closing speed, food grade materials. Servo head option.
Robot:	Brillopak 2-4 axis robot gantry mounted.
Frame:	Mild steel manufacture with plexiglass or mesh safety panels.
HMI:	Omron HMI touch screen control panel.
Motion Control System:	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 ensures excellent synchronisation with servo drives for high accuracy of product placement. 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

