

COMPACT C2 KT1200 Integrated Robot Palletiser

Brillopak
DESIGNED AND BUILT IN BRITAIN 

Automatic palletising of cases, crates, cartons, trays and bags onto pallets



A complete integrated articulated robot palletising solution with pallet dispenser and loaded pallet accumulation position. Designed for 24/7 operation with flexibility to handle multiple product sizes with no tooling changes. The safety focus means that there is never a reason to enter the cell in normal operation. The attention to safety extends to its operation by hand truck rather than fork lift thanks to its placement of the loaded pallet onto the floor outside the cell. Can be on ground or over conveyor.

Benefits:

- Automatic pallet de-stacking into the robot.
No manual heavy lifting.
- Can be operated by hand trucks without need for a ramp.
- Loaded pallet accumulates outside the cell.
- Accurate, useful error messaging.
- Simple to operate by unskilled staff.
- Flexible: Multiple products, multiple patterns.
- Entire system built and fully tested in our factory.
Delivered in 2 pieces for very fast commissioning on site.

Brillopak specialist end effectors

Brillopak has been designing robot heads for end users and system integrators for over 10 years. This experience has led to the development of 3 specialist heads with the flexibility to handle multiple applications. The adjustable servo Clamp head will handle multiple box and tray sizes, the Gripperhead is adjustable to multiple bag sizes and the Vacuum head handles bags boxes and products.

Technical Data

Compressed air at 6 bar min.	Nachi SRA 100/160 4-6 axis
Head:	Adjustable force and closing speed, food grade materials.
Frame:	Mild steel manufacture with plexiglass or mesh safety panels.
HMI:	Omron HMI touch screen control panel. Nachi Pendant
Geared 3ph drives:	SEW Eurodrive
Servo Motors:	Nachi
Enclosure/Motor Specification:	Minimum IP55 dust, splash proof.
Electrical & Pneumatic Components:	ISO/DIN standard.
CE Marking:	Certificate of incorporation included.
Pneumatic supply:	Compressed air at 6 bar min.
Electrical:	3ph+N+E x 400/440 Vac, 50 Hz, 32amp supply
Control Circuit:	24v DC.
Speed	Up to 15 cycles per minute dependent on product
Dimensions:	4628mm x 3404mm including pallet dispenser and accumulation

Dimensions

