

COMPACT C1 11

Robot Pick and Place Packer

Brillopak
DESIGNED AND BUILT IN BRITAIN 

Automatic pick and place packing of products into crates, cases and cartons



The Compact C111 provides high speed packing of products into trays, BDUs and cases. Due to the vertical movement of the robotic arm, the packer is able to pack to a depth of 800mm providing the versatility to pack to multiple container types.

Benefits:

- **Fast:** Up to 140 packs per minute with 2 robot arms.
- **Flexible:** Multiple products.
- **Delicate handling:** Using soft flexible grippers or vacuum cups with independent vacuum generators, no damage to product in pick process at high speed.
- **Simple to operate, manage and maintain.**
- **Manual pack option:** Optional module to run manually for out of spec. product.
- **Easy to programme** new patterns in-house.

Technical Data

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|------------------------------------|---|
| Suitable for: | Packing into trays and cases. |
| Max. Pack weights:: | 30Kg |
| Build | Stainless steel frame. Touch points all stainless steel. |
| Robots | 1-2 high speed Cartesian robots with motion control |
| Robot end effectors | Brillopak specialist end effectors using multiple vacuum cups with independent generators or soft flexible grippers dependent on application. |
| Pneumatic supply | Compressed air at 6 bar min. |
| Speed | Max speed 15 cycles per min x no. packs picked per cycle at regular intervals, dependent on product type and robot configuration. |
| Geared drives: | Omron |
| Control System | Omron NJ Series with integrated motion control, PLC, HMI and separate safety circuit (conforms to IEC61131-3 standard programming) Omron colour touchscreen with recipe control |
| Electrical & Pneumatic Components: | Enclosure/Motor Specification: Minimum IP55 dust, splash proof. ISO/DIN standard. |
| Electrical: | 3ph+N+E x 400/440 Vac, 50 Hz, 16amp supply Control Circuit 24v DC |
| CE Marking | CE marked |

Dimensions

