

Robotic Layer Packer

Brillopak
INNOVATIVE AUTOMATION

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



SMALL, FAST, FLEXIBLE AND GENTLE:

**MULTIPLE
PRODUCTS**

**MULTIPLE
PATTERNS**

**DELICATE
PRODUCT
PLACEMENT**

The Compact C111 provides high speed packing of products into trays 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.

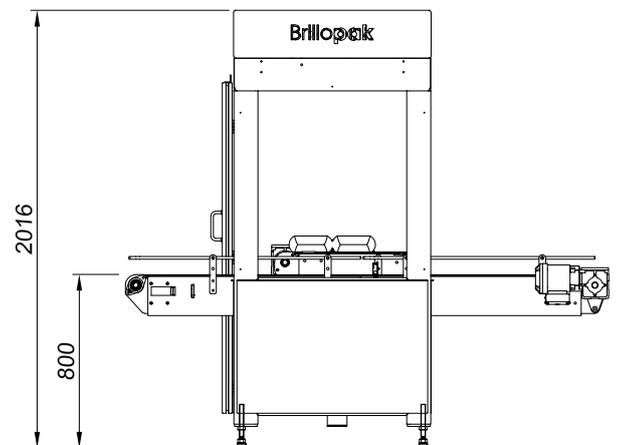
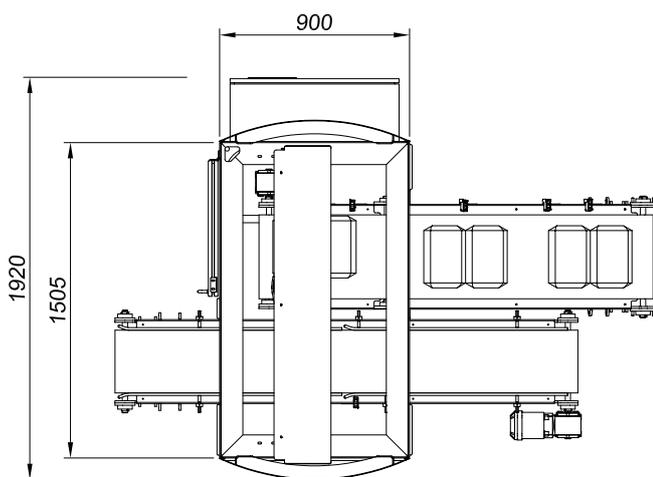
Additional Benefits:

- Line speeds up to 150 packs a minute dependent on product.
- Multiple products with no tooling changeover.
- 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 by unskilled staff.

Technical Data

Suitable for:	Packing into trays and cases.
Speed	Max speed 15 cycles per min x number packs picked per cycle at regular intervals, dependent on product type and robot configuration.
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.
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



MADE IN BRITAIN 