



PALLETISING
END OF LINE AUTOMATION
An Mpac Group Company

c-Pal

collaborative palletising

- ✓ safe
- ✓ compact
- ✓ user friendly
- ✓ mobile
- ✓ plug & play
- ✓ easy and quick



c-Pal.

Easy + quick + simple

The c-Pal is designed to automate your end-of-line palletising with a low investment in time and money. With 8 strokes per minute, it rivals the palletising speed of manual palletising applications. The c-Pal offers the robustness of an industrial robot without sacrificing the benefits, friendly use, and flexibility of a conventional cobot.

Safe and compact

With safety scanners, the c-Pal is safe and does not require safety fencing. The floorspace for a cobot and two pallet positions is only 3 m². The safety scanners restrict motion if incidental contact occurs, and the c-Pal meets ISO/TS 15066 and PLc safety standards. Within the 3 m² floorspace, even greater efficiency can be achieved with the vacuum gripper, which allows for the pick-up of single or multiple boxes simultaneously, and optional combinations with automated transport of empty and full pallets.

Flexible and plug & play

The c-Pal is an easily operated system, with minimal training required for the operators. They can operate the c-Pal, program new stacking patterns with the user-friendly interface, and quickly relocate and re-install the plug & play c-Pal. The flexibility of the c-Pal setup allows for fast switching between SKU's, and can be used as part of a larger system or as stand alone palletiser. Change how and where you use your c-Pal, for continued and optimal efficiency and ROI.

c-Pal dimensions

L2300 × W1400 × H2800 mm

robot

Fanuc CRX robot

capacity

max. 8 strokes/min

stacking height

max. 2400 mm

gripper type

vacuum, for single or multiple boxes simultaneously

layer sheets

1200 x 1000 mm

1200 x 800 mm

product weight

max. 30 kg

product types

boxes, trays, bags & crates

pallet types

Euro, block, chep, GMA

pallet positions

2 pallets (on the floor)

Options

- Single or multi-pick
- Depalletising
- Fast exchangeable gripper options
- Layer sheets
- Label orientation
- WMS integration
- Movable with (handheld) pallet truck
- Fencing
- 2nd pick-point
- Automated empty and full pallets transport through AMR connection

Start saving money, go to CSiportal.com and lease or buy your own collaborative palletiser today.



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