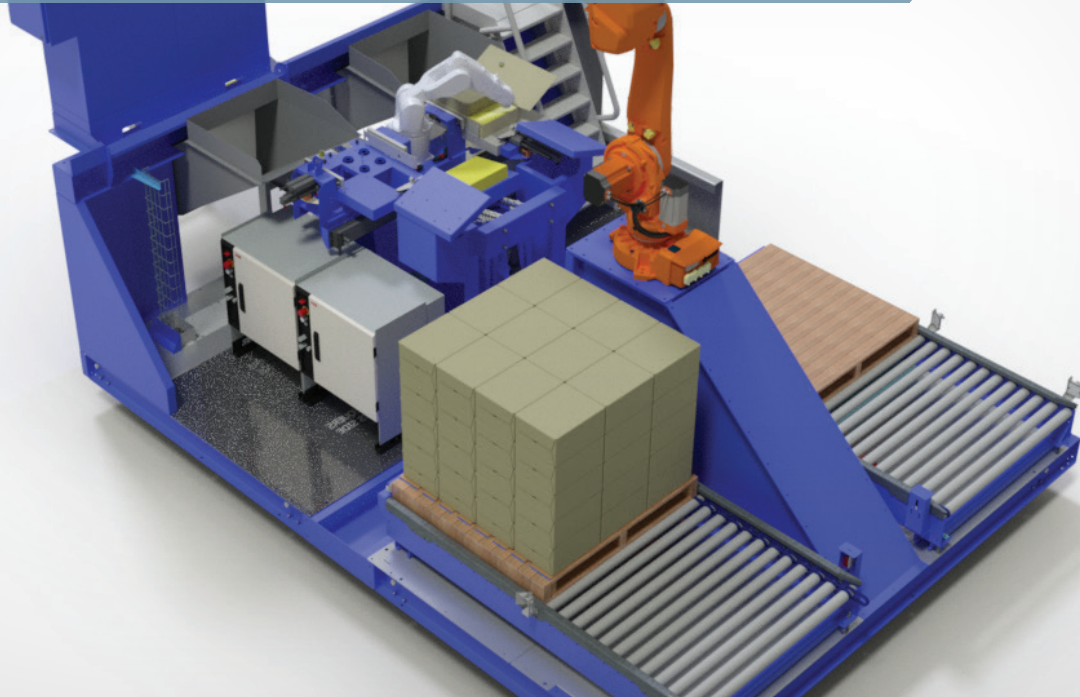


DDRP-MB

Robotic De-Cartoning Cell



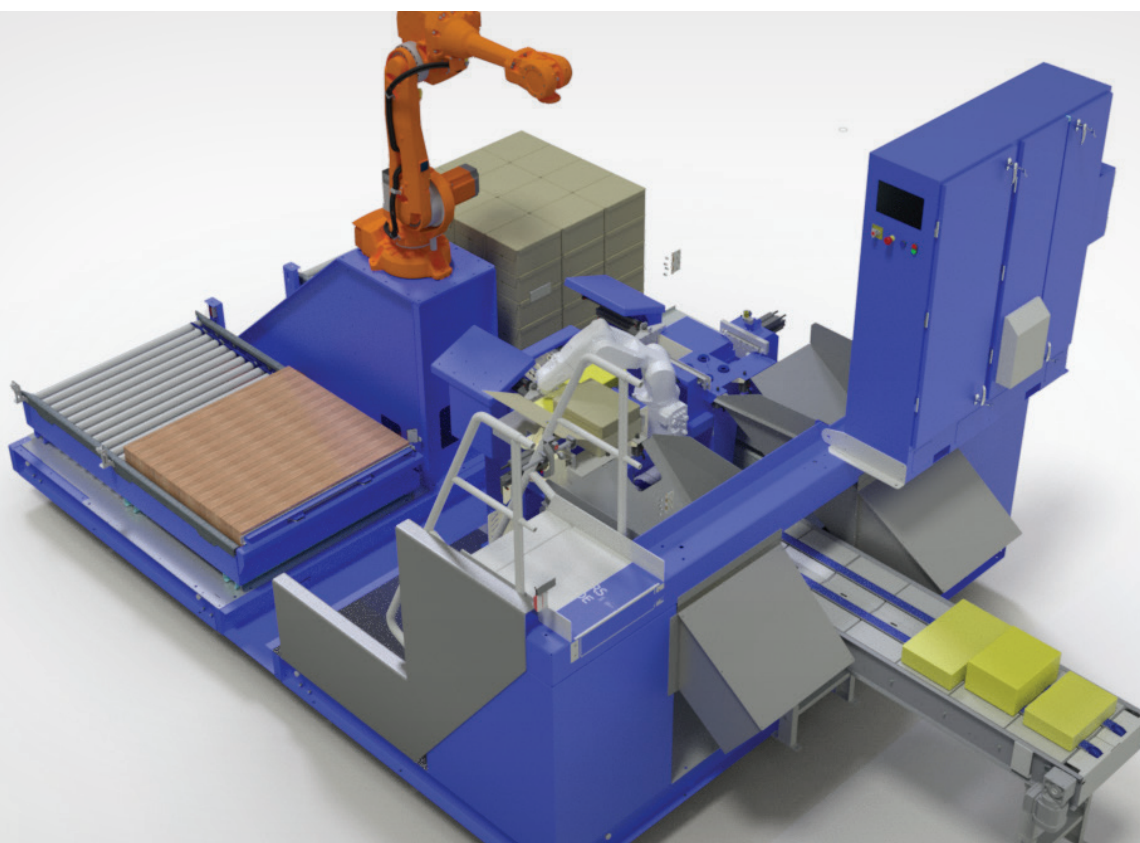
De-palletise, de-carton, re-palletise and process multiple blocks the efficient way with H&C's Robotic De-Cartoning Cell.

This modular multi format de-cartoning system (DDRP-MB™) unit uses H&C's proprietary knifeless carton removal technology and is designed to handle multiple carton types, both lined and unlined. The unit incorporates revolutionary innovations that give you unparalleled flexibility and system simplicity.

The Robotic De-Cartoning Cell will safely and reliably remove the outer packaging presenting an undamaged, wrapped block every time.

The benefits of automating the carton removal process are:

- ✓ Reduced labour – allows staff to be re-deployed to higher value work
- ✓ Elimination of manual handling, knives and the associated risk of injury to staff
- ✓ A single system able to handle multiple block and carton formats
- ✓ Removed risk of product contamination
- ✓ Reduced risk of accidentally cutting the bag
- ✓ Waste corrugate managed effectively
- ✓ Best in class footprint



FEATURES

Knifeless carton opening technology

Operates effectively with or without liners

Turnkey 24/7 operation

Low energy consumption

Meets ANSI/RIA R15.06, AS 3000, AS 4024 safety & NFPA 70 (NEC) standards

Fast easy access for maintenance

CAPACITY

Format Multiple block and carton formats

Rate Modular design allows for flexible rates

Flexibility Dynamic product processing

EQUIPMENT

Footprint L x W x H
21'8" x 12'6" x 12'2"
6600mm x 3800mm x 3700mm nominal

Robots 2 robots – 1 de-palletising/re-palletising and 1 de-cartoning
End of Arm Tool (EOAT) – hybrid vacuum and mechanical gripper and specialised H&C tooling for box opening

CONTROL

PLC Allen Bradley

Operator interface Allen Bradley PanelView

Communications Ethernet/IP

Alternative Client preferred hardware on request