

ERGOPAKPAL

ROBOTIC CASE PACKER AND PALLETIZER



Downsize your case packing and palletizing areas with a compact Combi ErgoPakPal robotic case packer and palletizing system. Our robots are equipped with an endless array of custom end effectors to safely handle just about any product that goes into a corrugated shipping case. Complete your end of line packaging cell with a second FANUC robot to palletize your filled cases. Our engineers are experienced integrating other OEM equipment into our case packing/palletizing lines like pamphlet inserters, weigh stations, and case labelers, making this packaging cell even more efficient.

The versatile ErgoPakPal is fully customized to fit available floorspace and includes:

- Automatic Case Erector
- Product Accumulation
- Case Packing Station
- Product Infeed Conveyor
- Case Sealer with adhesive tape or hot melt glue
- Case Transfer Conveyor
- Case Stacking Station

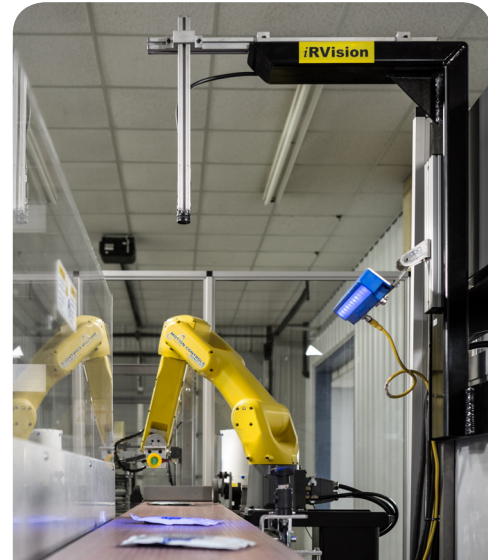
For short runs of product or product seldom produced, the case packing station allows for optional manual case packing, giving you additional flexibility on your packaging line.



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ROBOTIC ERGOPAKPAL SYSTEM INCLUDES:

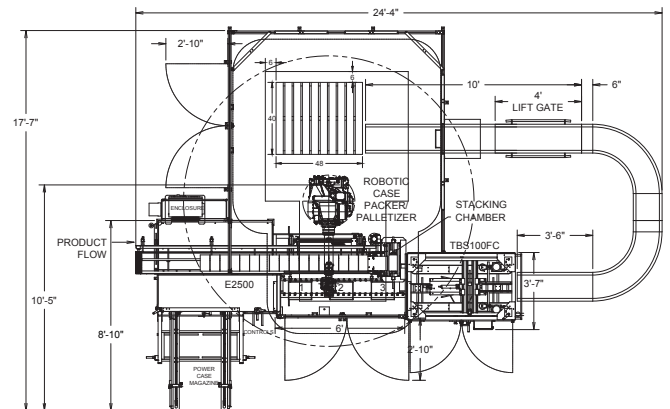
- 6 axis FANUC Robot spec'd to the application including design/detail, fabrication, assembly and electrical software
- Fixed robot base that will be anchored to the floor
- Custom, adjustable end of arm tooling for a wide range of product sizes, pick positions and pallet stacking
- Integrated iRVision system/2D tracking software, optional per application
- System wiring and controls
- Operator pendant for recipe management
- Interlocking perimeter guarding
- Robot programming which may include PLC/PMC; HMI; and vision programming
- On-site training and support
- Safety risk assessment
- Mechanical and electrical engineering including layout of cell system, design and detail
- Electric panel build
- Setup / runoff / testing / debugging
- Project management and documentation



Advances in vision sensor technology has led to the development of a variety of end-of-arm tooling that has evolved into more nimble product handling for case packing.

MODEL	CASE SIZE MIN (LXWXH)	CASE SIZE MAX (LXWXH)
ErgoPakPal	8½ x 5 x 5" (216x127x127mm)	20 x 13½ x 16" (508x343x406mm)

DISTRIBUTED BY:



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