

## KRAKEN Depalletizer Retrofit Services



One of Kraken Automation Inc. (KAI) automation solutions is our very successful depalletizer controls retrofit package. KAI has completely automated depalletizers which were originally designed for manual operation, some of which are more than forty years old. All depalletizer retrofits have provided our customers with improvements to functionality and throughput. Some of our automated depalletizers operate on the fastest food filling lines in the world running at 1,600 cans per minute.

KAI can adapt your existing manual depalletizer machines for automatic operation by adding sensors and our control system. After similar conversions, our clients have seen an increase in production throughput, reduced costs in labor, and had a reduction in wastage.

### The OI upgrade package includes:

- Allen Bradley PanelView Plus 600
- Main menu screen
- Alarms screen
- Security screen
- Automatic control screen
- Manual control screen
- Can size setup and selection screen
- Animated graphical overview screen

### The sensor upgrade package includes:

- Allen-Bradley bulletin 802 limit switches
- Banner bulletin Q45 retro-reflective photoeyes
- Banner bulletin SM2A minibeam photoeyes

### The controls upgrade package includes:

- Allen Bradley L35E Comapctlogix or L61 Controllogix processor
- Contactors and overloads for each motor
- Cutler-Hammer line filter
- Allen-Bradley Powerflex 70 variable frequency drive
- Status beacons and an alarm horn
- E-STOPS and a master control relay circuit
- Main disconnect, miscellaneous fuse blocks and supplementary protectors
- Computer receptacle
- All connections are made with terminal blocks and labels

Alternate configurations are available. KAI can customize components and design to your plant specifications. Customized OI screens are also available.

For every configuration you are provided with a complete documentation package consisting of the OI database to PLC data table map, screen dumps with full indicator and control descriptions, drawings of the control panel in AutoCAD format, an operations manual, and copy of the configuration on diskette.

[Contact us today for more information on how Kraken Automation Inc. can assist you in your depalletizer upgrade.](#)

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