



Robotic packaging and handling systems are used to decrease the amount of operator interface required for managing the materials into, or product off, a production line. Automation also enables production systems to work with larger/heavier packages.

Automated packing and handling lines are highly customised to the client's production. Factors such as type of packing materials, range of size and weight of product, as well as the layout and configuration of the factory, are all considered as part of a bespoke solution.

For this type of system, materials can be:

- Retrieved, from a winding head
- Reloading of an empty tube or core on the winding head
- Labeled or RFID tagged for inventory control (information automatically retrieved from winders) and quality assurance
- Inspected, weighed, measured and sorted
- Wrapped, packed and palletised as product, or set aside as scrap

For more information, contact us:

## **CYGNET TEXKIMP**

Swan House, Kimpton Drive, Off Wincham Lane, Northwich, Cheshire. CW9 6GG

Tel: 01606 338748

Fax: 01606 338749

Email: [info@cygnet-texkimp.com](mailto:info@cygnet-texkimp.com)

Web: [www.cygnet-texkimp.com](http://www.cygnet-texkimp.com)

# ROBOTIC PACKING AND HANDLING

## Robotic Packing and Handling for Creel Loading and/or Winder Doffing

- FOD (Foreign Objects & Debris) free core gripper
- Core remover
- Weigh station
- Box constructor
- Palletiser and automated pallet dispenser
- Industrial robot and controls
- Floor or ceiling mounted 7th axis option
- Safety laser scanners
- Vision system for accuracy of alignment
- IP65 Rated for CF environment
- Bar code and RFID reading & label printing options
- Complete WMS (Warehouse Management System) integration for traceability
- Integration of data systems to client's ERP (Enterprise Resource Planning)