Robotic packing and palletising

In addition to the range of automatic baggers and palletisers for the plastics industry, Apex Automation and Robotics offers custom-designed automation solutions for applications that require:

- Greater flexibility

- Complex packing and palletising configurations

- Variety of functions

- Complex movements

These are full turnkey systems, developed from concept incorporating mechanical and electrical design and software development by our engineers. They are then built, tested, installed and commissioned by our team of skilled technicians.

Below are typical custom-designed systems for the plastics industry._____

 ROBOTIC STACKING OF PLASTIC BOTTLES MAIN FEATURES AND BENEFITS   - Automatic stacking of plastic bottles

- Robot looking after 2 blow moulding machines

- Running 2 different products at the same time

- Up-side down packing configuration

- High production rate, 3000 bottles/hr

- No setup time for different products

- Easy to operate

- Low maintenance

- Guarding according to the relevant safety standards

- Cat 4 safety system_____

 ROBOTIC PACKING OF AEROSOL CAPS MAIN FEATURES AND BENEFITS   - Automatic packing of aerosol caps in cartons, layer by layer

- No need for cardboard sheets between layers

- Staggered caps eliminates nesting and distortion of caps

- Handling a wide variety of products

- High production rate, 5000 caps/hr

- Universal gripper that handles arrays of any size caps

- Easy to set up

- Easy to operate

- Low maintenance

- Guarding according to the relevant safety standards_____

 ROBOTIC PACKING AND PALLETISING OF PLASTIC BOTTLES MAIN FEATURES AND BENEFITS   - Automatic packing of plastic bottles

- Includes carton erector

- Automatic palletising of full cartons

- Automatic loading of layer pads

- Handles a wide variety of products including PET bottles

- High production rate, 3000 bottles/hr

- Easy to set up

- Easy to operate

- Low maintenance

- Guarding according to the relevant safety standards