

Robots - Flexible Automation

Apex Automation and Robotics has gained a reputation of using the most suitable technology for each application. Under "flexible automation"; we have projects that use industrial robots. These are systems that required:

- Greater flexibility
- Diversity of products
- Complexity of movements
- Variety of functions
- Speed and accuracy

Typical projects are:

- Single and multi-line robotic palletising
- High speed robotic pickers
- Robotic packing
- Robotic loading to a paint line and to machining centres
- 3D cameras and laser scanners communicating with robots to offer leading edge eye-hand co-ordination

CASE STUDIES Press tending robot Robot for assembling water heaters

Robotic palletiser for a leading food manufacturer Robot for packing plastic bottles Largest robot in Australia Robot with vision system for probes in a steel injection station Robot cell for strapping and palletising metal studs Robot with vision system New robot for packing plastic bottles