

## 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 for assembling water heaters  
 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