

## Vision systems and Laser scanning

Our engineers are constantly in touch with the latest developments in state-of-the-art technologies. Vision systems and laser scanning have come a long way in the last 10 years: they have more on-board tools and filters and are easier to interface. We have used them reliably in projects for:

- Quality Control
- Real time non-contact measurements

Some examples of these projects were:

- Inspection of missing or misaligned parts in a production line
- Inspection of plastic bottle dimensions
- Measuring the rotation of a product for re-orientation
- Detection of printing defects on labels
- Measurement of size and position of boxes on a conveyor for pick up by robot
- Measurement of extrusions / checking tolerances

CASE STUDIES 3D Vision for inspecting food jars