



Positioning ? Problems !

As a manufacturer there are occasions when the automatic positioning of products within your process is vitally important examples include;

- **Feed and Cut to length**
- **Pick and Place**
- **Product Pushers**
- **Packaging**
- **Product spacing**
- **Brake Clutch Systems**

These applications are often critical to the productivity of your plant or machine and if they are not performing as well as they should be then there is an impact on the bottom line profits.



Problems can include

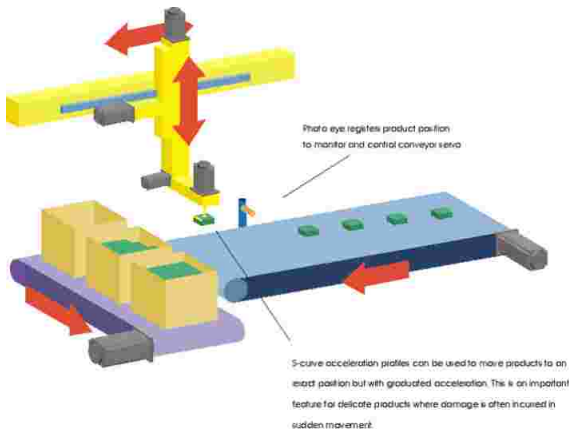
- **Not fast enough**
- **Not accurate enough**
- **Unreliable**
- **No reports**
- Positioning system becomes a bottleneck
- Product lengths are inaccurate, problems caused by mis-positioning
- Older technologies, often breaking down and difficult to maintain
- Few diagnostics, difficult to fault find

Typical systems may use:

SERVOS, STEPPERS, PNEUMATICS OR HYDRAULICS



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SysCom Motion Solutions Ltd (SMS) are a systems integrator of motion control and general automation systems. We have installed systems across a wide range of industries across the UK and our customers include blue chip companies. Our services include

Fault Finding

- Troubleshooting/ Maintenance of positioning and automation systems.
- Sourcing of spare components

Design and Build

- General design of motion control and automation systems including PLC'S, Servos, steppers, pneumatics and AC drives .
- Project Engineering – SMS has integrated many

systems including machine control refurbishment

- Shop floor data collection using PLC's to generate data, which can be used for general diagnostics or efficiency calculations (OEE), typical data can be parts produced, parts scrapped, uptime etc. Using modern components with decreasing costs and lower risk, this technology is now within the reach of all sizes of manufacturer

Palletisers

- Design and Build of Palletisers and De-Palletisers
- Pick and Place Machines
- Conveyor Systems and Control

Training Courses

- SMS has provided training courses for
- Basic PLC programming and maintenance
- Basic Drives and Motion Control training
- These courses are aimed at technician level and above and are designed to give your staff the confidence to diagnose basic machine problems.

If you are interested in any of our services or require further information please contact us:

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