

# Total solution to all position measurement and control



## Vertical Blind Machine

### Providing solutions to application ideas

This Company is a manufacturer of **vertical blind slitting machines** to the domestic and commercial textile industry with over 40 years and exporting worldwide.

This was a new contact for us as this was an industry we had not dealt with previously. The customer had designed and manufactured a vertical blind length slitting machine. The machine consists of a blade to cut the material, using a manual adjusting stop to measure the required length. The process involves the stop being positioned to the correct distance using a tape measure. The material is then position against the stop and material is then cut. Simple and low cost but not easy to read or achieve the level of accuracy now required by the customers clients. **The machine builder needed a solution that improved accuracy and could reduce the axis setup time.**

It was agreed that we should supply one of our unique application programmable **electronic shaft mounted position indicator, the DE10P**. The client liked this solution as the device is internally powered so there was no need for external power or extra wires, this was important as the axis travel could be in excess of three metres. If power was needed then there would be the additional cost and space associated with fitting some form of energy chain to house the power cables. The LCD display device is also **entirely application programmable via the integrated keypad**, so that even though it is fitted to a 300mm circumference wheel the integrated sensor is able to achieve the an accuracy to 0.1mm.

The **operators of the machines can quickly and more accurately read the position measurement**. This means is less wastage due to cutting the wrong lengths and the production levels have increased, achieving overall cost savings and gives our customer the competitive edge to his machines in the marketplace.



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Our Application Engineers welcome the opportunity to discuss your situation to help achieve the results you need.