

Changeover Pro

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Overview:

Changeover Pro is a production line adjustment system. The purpose of this system is to do the following:

- Reduce Defect Rates – The defect rates are reduced by accurately positioning changeover points on machinery with repeatable results.
- Reduce inventory costs – with a decrease in changeover time this allows for reducing the number of batches and sizes on demand thus recovering operating expenses and space
- Increase production flexibility – a decrease in change over time increases your capabilities in relation to throughput which then make response time to customers more timely

Changeover Pro is a system designed with the following core components in mind: Format Drives/Motors, Controller and Changeover PRO Software.

The format drives are meant to take the place of hand cranks and are also adaptable to other spindle and linear applications. The drives could possibly need mechanical design in order to adapt to the changeover point, however this is not uncommon. The drives in this case are specifically designed as changeover point actuators.

The controller and software are of mutual involvement in the system. The controller and Software are designed and programmed to specifically work with the drives/motors pertaining to the Changeover PRO System. The controller communicates to the drives giving them parameters and positional data and can also talk to larger control systems in several ways to exchange recipes and other applicable data. The software is meant to take the large number of effort hours a company would need to put in place to have such a system as Changeover PRO.