

FeederPro™ Solutions

Helping stampers improve uncoiling, straightening and feeding to make better parts.

Overview

As manufacturers demand higher quality components from their suppliers, handling of raw material feedstock becomes critical. In the stamping process, that means feeding the coil into the press has to be accomplished with greater emphasis on:

- Speed
- Flexibility of coil sizes
- Faster changeover
- Minimal impact to the material

Rockwell Automation has developed a pre-engineered automated press feed control system to help increase the productivity and reduce scrap in the stamping room.

Rockwell Automation's FeederPro is available as a range of solutions, from a pre-engineered bundle of hardware for small press feeds through turnkey systems for the largest flat metal line processing systems.

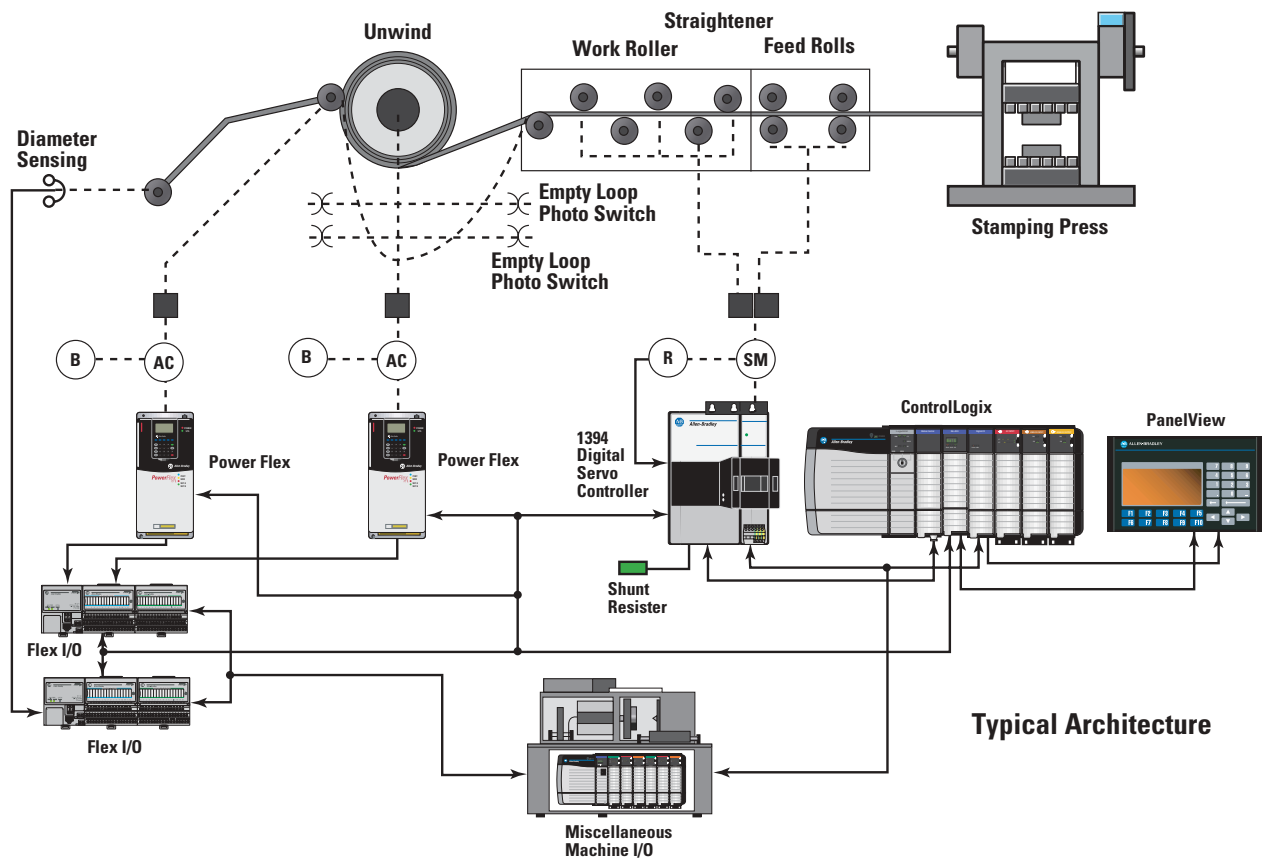
Reliability is Designed into the Solution

The Rockwell Automation FeederPro system provides a reliable solution for press feeders based upon standard, off-the-shelf Allen-Bradley components. The system provides a press feed controller that uses familiar configuration and troubleshooting tools on the ControlLogix family of controllers. Built-in set-up routines and diagnostics make the FeederPro easy for your press room operators and maintenance personnel to run and troubleshoot the system by themselves, maximizing their productivity and reducing the downtime of the feeder system. The STF Pro application software provides the commands to the drives; This enables the system to closely follow the motions of the press.



Results - A Smooth Operator

The FeederPro system uses the Rockwell Automation SmoothProfile™ press feed profile to smoothly accelerate and decelerate the feed rolls. This approach dramatically reduces roll slippage and virtually eliminates material marking. The FeederPro system is available as a pre-engineered bundle of engineering and components or as a completely assembled and tested control system.



Typical Architecture



For More Information

Contact the local Rockwell Automation sales representative or authorized Rockwell Automation distributor for a PressPro System Quotation Worksheet. Complete the worksheet and return it to the Rockwell Automation press control team using the telefax number or e-mail address listed on the worksheet. The worksheet will be used as the basis for a proposal for the configuration selected. Further information is also available on the Internet at www.rockwellautomation.com/metalfforming

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www.rockwellautomation.com

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