

Mechanical Press Clutch/Brake Control Systems

Increasing production while enhancing safety are two of the most important challenges facing any metalforming shop. Girard Engineering provides custom-designed control systems incorporating state-of-the-art technology for optimum clutch/brake control and operator safety. We integrate all controls into one operator friendly package that allows for unlimited flexibility and customization to keep you competitive with the added benefit of containing facility costs.

Basic Clutch/Brake Control Package:

- Meets all OSHA safety requirements.
- System controlled utilizing dual Compact Logix processors.
- Press crank has dual resolvers to monitor ram position.
- Scalable system to grow as your requirements grow.

Custom Press Control Package:

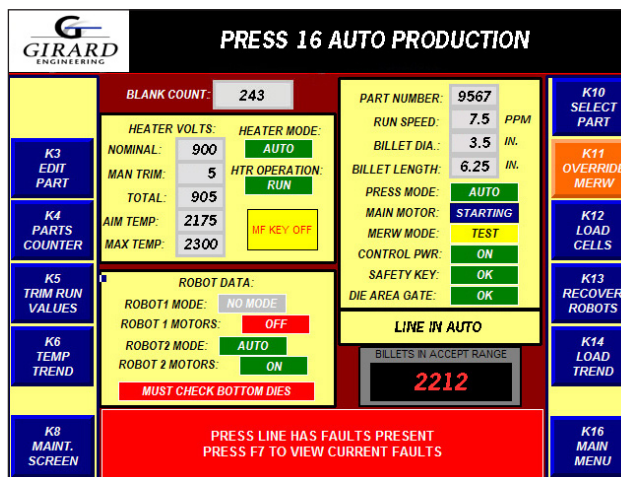
- Meets all OSHA safety requirements.
- System can be easily integrated with plant control architecture.
- Complete operator panel.
- Panel View Plus installed in Operator panel for versatile graphical user interface.
- Press main motor control disconnect, as well as power distribution and safety hardware integrated into one package.
- Easily integrated into a cell via robotic loading and unloading of press.
- Custom package expands to control auxiliary line functions; tonnage monitoring, thermal monitoring, conveyors, heaters, knockout systems, and much more...

Service:

- Unmatched technical support and training.



Custom clutch/brake control cabinet



Custom clutch/brake control backage line HMI screen detail

Girard Engineering is a proud integrator of the following companies:



Project System Integrator for robot based automation



Want to learn more?

Call 440.243.2212 or e-mail us at sales@girardengineering.com