

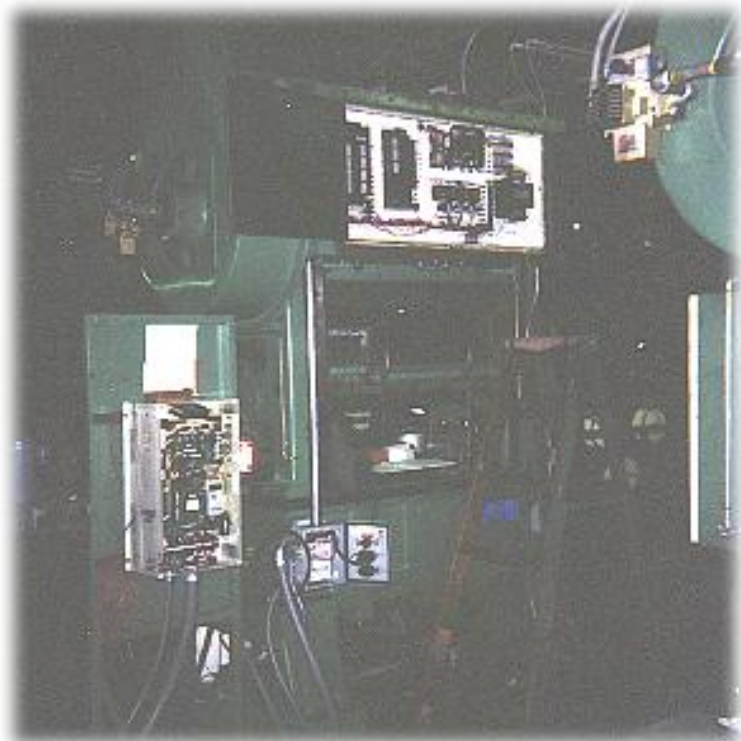


During my employment with Thomas Erie, Inc. we received eleven of these P2 Minsters in non-working condition from a company in Canada. I rebuilt these and put them into service to replace our old presses.



This shows me just putting the finishing touches on the new ATC Atcom control system, which replaced the old relay logic contact system with solid state control.

The first few rebuilds integrated with the old Eddy current control motor drive system.



This picture shows the integration of the new magna-tech solid state motor control system. It eliminated the old Eddy current control and specialized motors specifically built for Eddy current control systems.



These are the first six completed presses.



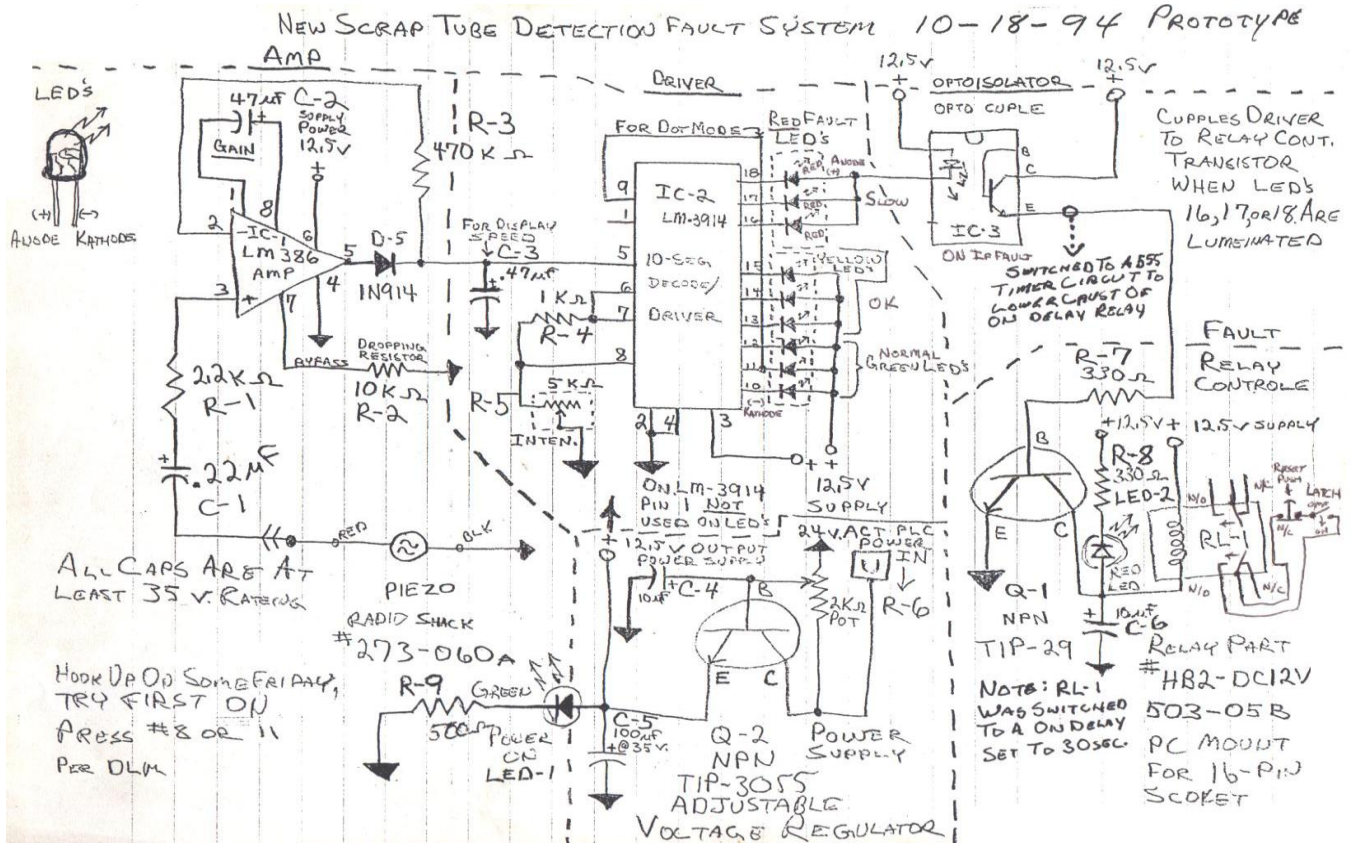
This shows the box conveyors that I designed and fabricated, which added 68% increase in production.



This is the white lube control system, for lubricating the steel with metered precision as it fed into the press at 350 spm. I designed, built and programmed this system.



# Scrap tube backup detection



This was a device that I built to monitor the ambient sound of the exhausting scrap bits coming out of each press. Ultrasonically measuring the sound levels of each 8" EMT Tube that ran across the length of the facility to a tractor truck sized dumpster. Occasionally we would get a backup inside the tubes and it would take an hour just to clear the scrap out of the tubes. After I build and install this device we could detect a change in the sound of the flow of the scrap. Than all we would have to do is clean out a small section of buildup in five minutes.