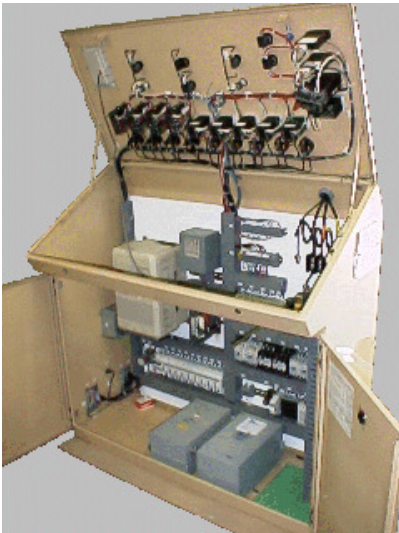


I custom designed and built this panel for an older Sterling extruder. The cabinet is a [Hoffman](#) Concept double door panel.



The drive system is a [Safronics](#) 20 HP VG5 series A.C. Vector drive. The motor is a [Marathon](#) electric **Blue Max** 20 HP unit with a 1024 p.p.r. [Dynapar](#) encoder and mount.

The Temperature controllers are [Fuji](#) PYX4 and PYX5 type controllers with fuzzy logic control and RS485 communication options.

Power switching is accomplished by using 40 Amp solid state relays by [Continental](#) relay.

Drive speed and load indicators are [Newport](#) meters. Terminal blocks, Indicators, Selector switches and Motor contactors are from [Automation Direct](#).

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