CHAPTER 1
PRODUCT DESCRIPTION

1.1 GENERAL DESCRIPTION

As the packing market has witnessed incredible growth, Taylor Products is proud to introduce the Taylor Products Model V1100 Vertical Form Fill Seal Machine. The Model V1100 is a light, versatile machine that incorporates a host of new features for the packing market.

1.2 MANUAL SCOPE

This manual will provide information on installation, operation, preventive maintenance, troubleshooting, and repair of the Model V1100.

The appendices will include engineering drawings, and spare parts information.

1.3 ELECTRICAL REQUIREMENTS

The Model V1100 is designed to operate using various voltages. The operating range can be from 208 VAC (single phase) to 460 VAC (three phase) at 50 or 60 Hz.

1.4 PNEUMATIC REQUIREMENTS

The Model V1100 uses approximately 20-30 cubic feet per minute (cfm) (@ 120 psi) of compressed air. Taylor Products recommends that the air supply line be equipped with a refrigerated air dryer, or at the very least a water separator.

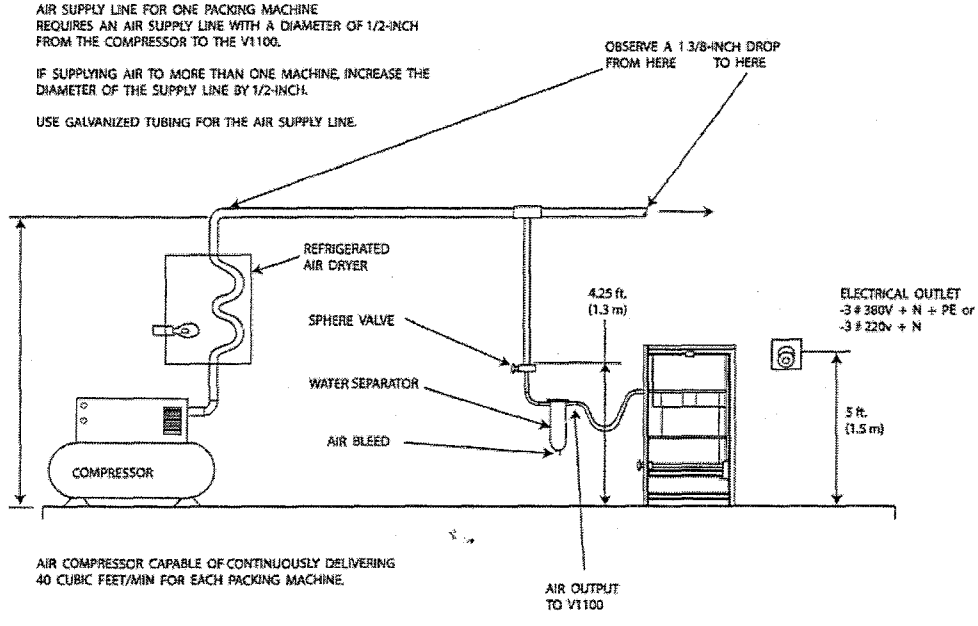

Figure 1-1. Air Supply Requirements

1.5 MAJOR SYSTEMS AND COMPONENTS

When working with the Model V1100, it is important to understand the major systems and components of the unit. The breakdown is as follows:

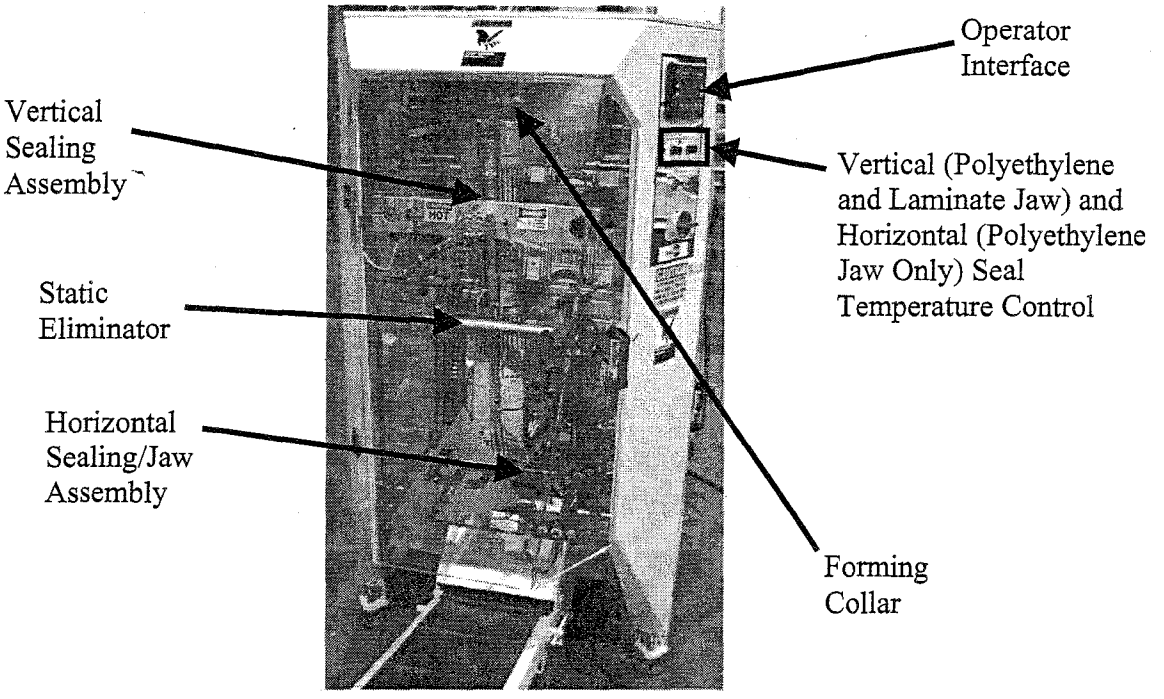

Figure 1-2. Major Components (Front View)

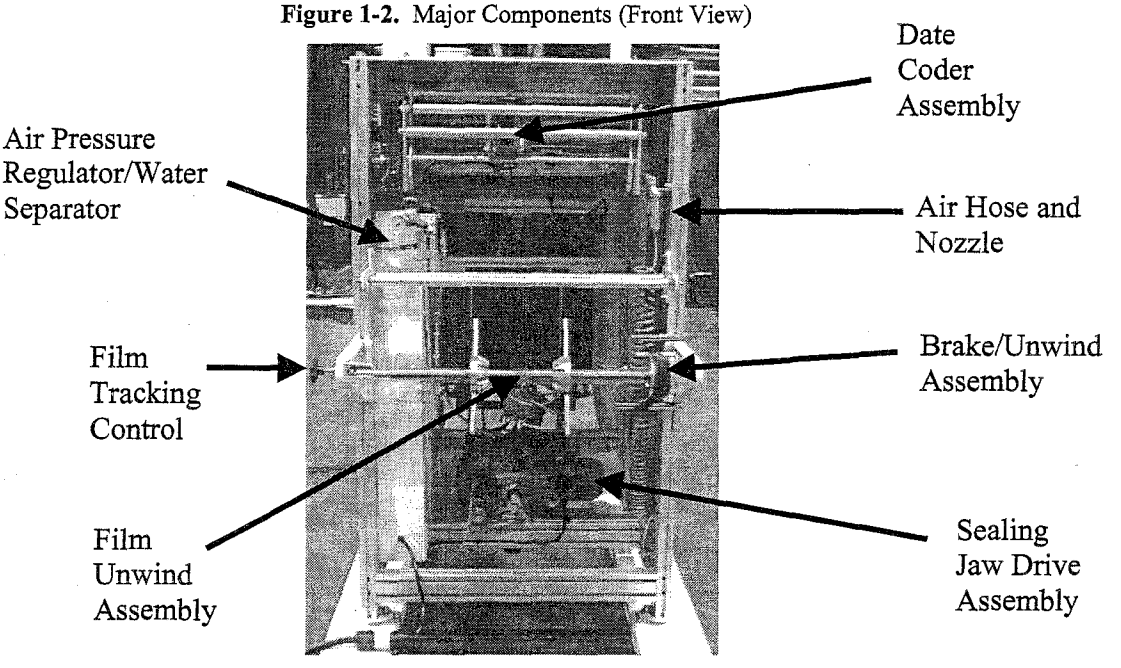

Figure 1-3. Major Components (Rear View)

The following graphic illustrates components found inside the right side door of the V1100. The arrangement of these components will vary based on the filler and other options that are ordered with the V1100.

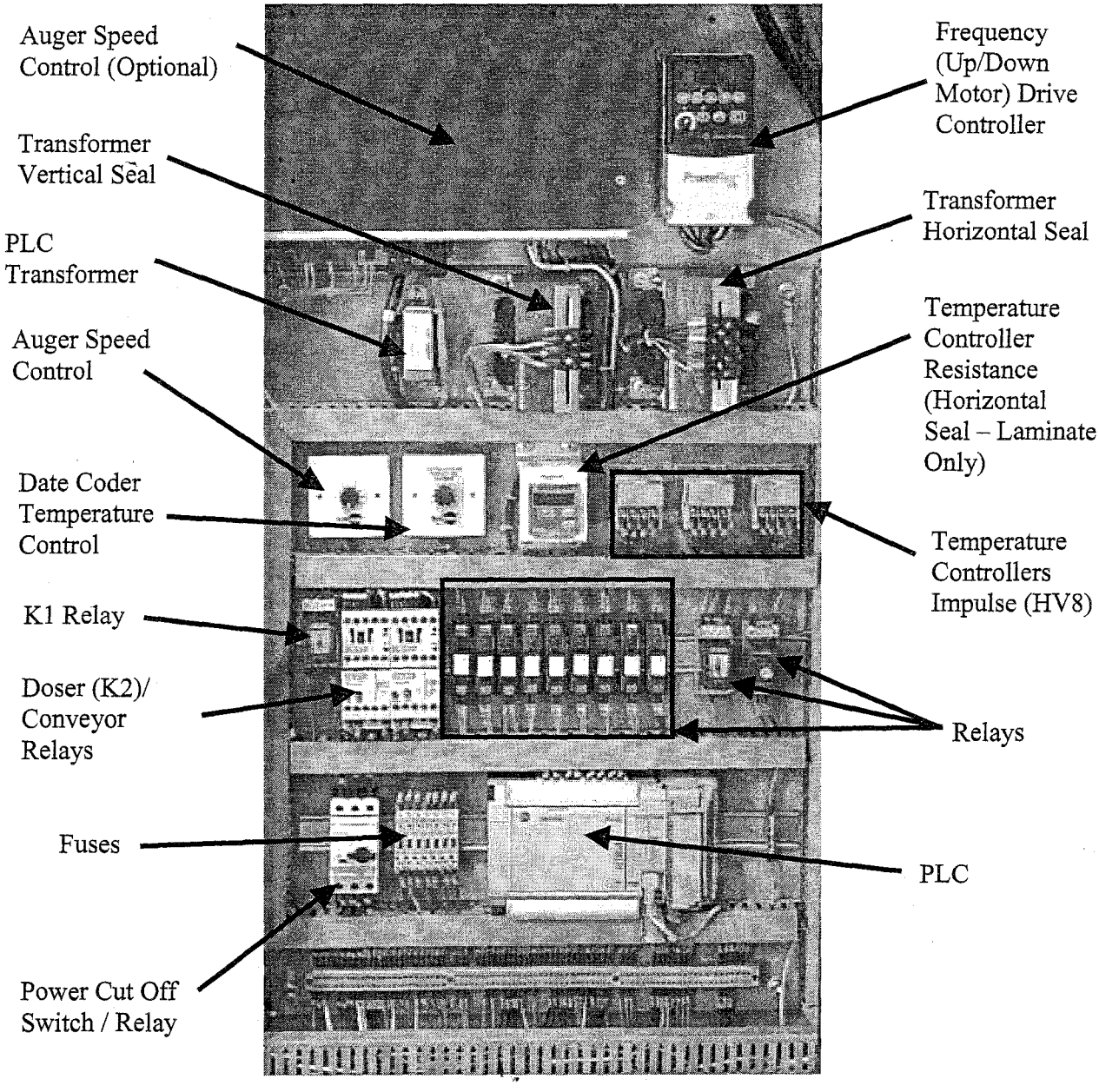

Figure 1-4. Electrical Control Panel