



This diagram illustrates the mechanical configuration of the system. The main assembly consists of a vertical shaft supported by a base. A pulley is mounted on the shaft, and a belt is used to transmit motion from a motor to a secondary pulley. The inset provides a detailed view of the pulley and its interaction with the belt.

OPERATION



The operation of the system is controlled by a central unit. This unit receives input from a sensor and sends output to a motor. The motor drives the mechanical assembly, which in turn provides feedback to the sensor. The control unit is designed to maintain a specific operating point, as indicated by the '40 20' label.