

Paper Tray 1 & 2 – Paper Handling Module

Tray 1 and 2 Elevators

When the Stack Height Sensor is unblocked, a signal is sent to the control logic which deactuates the Nudger Roll Solenoid and signals the Paper Feed/Lift Motor to change direction and rotate Clockwise. When the motor rotates clockwise it drives the Paper Tray Elevator Shaft up. This action lifts the Paper Plate, paper stack, and the sensor actuator on the Nudger Roll Assembly. When the actuator flag blocks the Stack Height Sensor, the control logic will signal the Paper Feed Motor to rotate Counter-Clockwise providing drive back to the Feed Rolls and Nudger Roll. One-way clutches prevent the Feed Rollers or Tray lift mechanism from operating in reverse.

