Advanced Productivity Input
Continuous Form with Cutter (API-50C)

Description:
The API-50C is the first in a series of high-speed input devices that will continue to improve the speed, paper handling and productivity of our input subsystems. The cycling speed of the API-50C is 25,000 cycles per hour for an 11” form and when processing 2-up continuous form documents, the inputs will provide up to a maximum of 50,000 sheets per hour. A web input control device provides positive control of the paper as it is being unwound from the roll or fan-folded stacks and fed into the cutter. The cutter functions with a “soft-start” module to enable an even flow of paper as the velocity increases and/or decreases.

Standard Features
- **Processing Speed** – The processing speed of the API-50C is 25,000 cycles per hour, or 50,000 sheets per hour in a 2-up continuous form mode.
- **Paper Inputs** – The API-50C will accept either 1-up or continuous form materials and can be fed from an unwinder, fan-folded stacks, cart or splicing table. The sheets can range from a minimum of 7” x 7” to a maximum of 8.5” x 14”.
- **Web Control Module** – The web control module prevents web breakage that may be caused due to the high web acceleration rate requirements of the cutter module.
- **Cutter Module** – The high-speed guillotine cutter module will take the continuous form fed material and cut it into a specified sheet length at a rate of 25,000 cuts per hour, producing 50,000 sheets per hour. The blade life of the cutter has been extended to handle the increased cutting speed.
- **Soft-Start Function** – When the cutter receives a “start” command from the system, the operating speed will ramp up from a preset cycle speed to the preset maximum speed.
- **Cutter Scanning** – The cutter can read either OMR or bar code symbologies.
- **Widebody Split Drive Feeder Input Module (FIM)** – The widebody FIM allows for the appropriate spacing of the sheets, thereby adjusting for the increased speed as the cut sheets are fed from the cutter. Increasing the sheet overlap provides a reliable accumulating.
- **High Speed Transfer Module (TM1)** – The high-speed TM1 will have increased paper path velocities to increase module/system throughput and provide stability as the speed increases.
- **High Speed Dual Accumulator** – The high-speed accumulator will have increased paper path velocities to increase module/system throughput while ensuring that control of the document is maintained.
• Settable Job Mode Parameters – All settable job mode parameters are automatically set and maintained during job changeovers, significantly reducing the time period for job changeovers.

• Operating System – The API-50C is only compatible with Pitney Bowes’ Direct Connect™ operating platform.

Optional Features

• Low Capacity Divert Outsort – This outsort provides for the outsourcing of collations before insertion based on certain predefined criteria; i.e., overweight, International mail, mis-scanned materials, etc.

• Right Angle Transfer Module (RATM) – Available in east port or west port configuration, the RATM module provides the ability to merge 2-up continuous form input into a single paper stream.

• Merging Inputs – The API-50C inputs will allow for the merging of multiple printstreams, either continuous form or cut sheet, into a single collation.

• Reverse Accumulation – This provides flexibility in handling various printstream configurations by accumulating the documents from top down, should the printstream require this.

• Giro Forms Capability – The API-50C will have the flexibility to handle giro forms, which are 4” in length, and commonly used in Europe.

Configurations

• The API-50C can be integrated to the Pitney Bowes 8 Series, 9 Series, 10F Series, 11 Series, 12 Series, 14FX Series and the APS inserting system.

System Parameters

• Air Requirements – N/A

• Power Requirements – 4.0 Kw

Service and Warranty

• Service – Service for the API-50C is available on a worldwide basis from Pitney Bowes service and support personnel. Spare parts are available through Pitney Bowes’ offices.

• Warranty – Standard warranty is 1 year computer, 90 day limited parts and service.