

# Smart Feeder/Folder

**Economical and Versatile, Assembles,  
Accumulates and Folds Personalized Mail**



Smart Feeder Folder

# 420T

- High folding capacity, up to five pages for a letter fold, seven pages for a half fold
- Advanced touch screen for BCR multiple job set-up and recall
- Up to 30,000 documents per hour
- Runs on-line with conventional, non-intelligent inserters
- Up to twelve intelligent station selection
- Intelligent read systems (OMR, 3 of 9, 128 and 2 of 5 interleaved barcodes)
- Envelope suppression and sequential start-up and shut down
- Dual metering with postal weight calculation and divert
- Operates off-line with conveyor option
- Cut-sheet or optional continuous form feed

**GBR**  
SYSTEMS CORPORATION

Managing the World's Paper Flow™



## 420T Specifications

The GBR 420T Smart Feeder/Folder, the premier folder of the mail industry, with installations worldwide, offers an economical and versatile solution to personalizing and inserting mail.

At a speed of up to 30,000 documents per hour, the 420T reads a wide variety of optical codes to accurately assemble documents into address-matched sets, up to five for a letter fold and seven pages for a half fold. The address matched sets are then folded for inserting directly into the gripper arm or open feed station of an inserter. With the added features of up to twelve stations of intelligent selection, dual metering with postal weight calculation and divert, envelope suppression and sequential start-up and shut down, it is easy to see why the 420T is the premier intelligent folder for the mailing industry.

The 420T can also operate off-line by simply purchasing the off-line conveyor option.



420T Advanced Touch Screen

### BASIC SPECIFICATIONS:

**SPEED:** Up to 30,000 Documents Per Hour

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### PAPER SUPPLY:

**Paper Sizes:** 7" x 7" (minimum) 8 1/2" x 11"  
8 1/2" x 14" 11" x 8 1/2" (optional)

**Paper Weight:** 20-24 lb. Bond. Inquire for heavier weights

**Fold Types:** "C", "Z", "V", and Double "V"

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### POWER SOURCE:

110 Volts, single phase, 60 Hz, 15 amp.

220 Volts, single phase, 50 or 60 Hz, 10 amp. (optional)

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### SYSTEM DIMENSIONS:

120"L X 26"W x 52"H

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### SYSTEM WEIGHT:

Approximately 400 lbs.

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### READ SYSTEMS:

Line Code Read System (OMR)

Industry Standard Barcodes: 3 of 9, 128, and 2 of 5 Interleaved

2-D Barcode – DataMatrix; OCR/2-D Barcode

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### OTHER FEATURES:

Large capacity top-loading, bottom feeder (approximately 1,500 sheets) and optional BSA 5000 Bulk Loader increases loading capacity to approximately 6,500 sheets

Four plate folder with accumulation station for up to five pages for a letter fold or seven pages for a half fold

Ultrasonic double detect and non-read fixed count operation

Intelligent error display including misfeed and jam detection

Counter modes: total count, batch count, resettable count

Output conveyor options include: shingling output conveyor/stacker, or intelligent transfer conveyor interface to gripper arm or open feed station of inserter

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