S-Pro Scanning Solution

Include all components shown, plus SpeedFIRST capture software.

Dimensions
15" H x 26" W x 26" D

Weight
150 lbs.

Document Sizes
Manual Feed:	5 - 11.7" W x 2.5 - 26" L
	9 lb / Onion - 110 lb / .015"
ADF:	5 - 11.7" W x 2.5 - 18" L
	10 lb / Onion - 90 lb / .015"

Runtime Enhancements
Automatic Grayscale Deskew
Image Enhancement
Adaptive Thresholding
Edge Sharpening and Speckle Removal

Standard Features
Autofeeder - 500 Document Capacity	90°, 180°, 270° Rotation
Stacker - 500 Document Capacity	CCITT Group 3/4 Compression
Vacuum Doubles Detection	Index File Output To Network
Manual Bypass Feed	Border Dectection
Software Selectable Resolution - 200 or 300 dpi	SCSI-2 Scanner Interface
Barcode Support and Patch Code Detection	Automatic Illumination Control

Optional Features
Color Output	Outsort Pocket
Laser Barcode Reader	Red Dropout
Document Imprinter	400 dpi Resolution Upgrade
Multipocket Page Sorter Module	200 ppm Speed Upgrade

	Throughput*	Image Output	File Format**
Bitonal:	180 ppm (simplex) 360 ipm (duplex)	Bitonal	Tiff
Color:	180 ppm (simplex) 320 ipm (duplex)	Bitonal Grayscale Color	Tiff JPG JPG

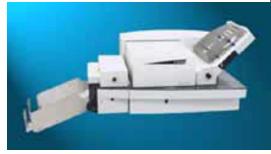*8 1/2" x 11 ", Landscape, 200 dpi   **PDF Available

BancTec

S–Series™ PRO 180 Document Scanning Solution

The S-PRO Scanning Solution is a complete image and index capture system comprised of BancTec's S-Series 180 ppm scanner and SpeedFIRST Capture Software developed by a single vendor.

Also included are network-ready PC and monitors. One call to BancTec is all you need for complete system installation and support.

About the S-Series

Built to withstand rugged production environments, BancTec's S-Series scanner is recommended for use in document imaging environments that handle 5,000 to more than 50,000 documents per day. Coupled with BancTec's SpeedFIRST™ capture software, the S-Series solution is a complete image and index capture system comprised of hardware and software that can evolve together to take advantage of new technology. Plus, with single-vendor support for all components, one call to BancTec is all you need to make for fast support.

Sraight Paper Path

Improved Throughput Performance:
The transport consists of a straight 14" paper path that greatly reduces jams and other complications resulting from scanners with curved or looped paper paths.

Double-Feed Detection: Patented Vacuum Technology

The S-PRO utilizes a patented vacuum chamber on both sides of the paper path. Each vacuum chamber has a sensor to detect the presence of paper. If paper is sensed at only one, there is no double feed; if paper is sensed at both, a double feed is instantly detected, the scanner is stopped and the operator is alerted prior to scanning the image. Any overlapped pages crossing the vacuum chambers are sensed, regardless of the mixture of paper size, paper thickness, and paper weight.

Run Time Enhancements

Improved Quality & Reduced Costs:
To eliminate the need for costly back-end workstations and extra labor, the S-Series completes image enhancement processes at scan time at full-rated throughput. Each S-Series page scanner includes advanced image processing functions that allow our scanners to accept virtually any combination of background colors and text with the same end result: enhanced image quality. Most of these functions can be customized for difficult-to-scan documents, making the S-Series perfectly adaptable to your image capture needs.

• **Adaptive Thresholding:** This automatically processes a whole stack of paper at one setting regardless of background color and text. For example, if you have a stack of paper with different color background and different color text, adaptive thresholding processes all backgrounds to appear white and all text appears black.

• **Deskew Using Grayscale Data:** The grayscale data from the camera is deskewed before it is converted to binary data. This provides an image that is free from "jaggies" and deformed characters, which binary (post-scan) deskewing creates. Most other scanner manufacturers deskew from compressed TIFF images--the image appears straight, but the text is distorted. In addition, the round characters are deformed and no longer round. This directly reduces the OCR read rate.

• **Image Processing Filters:** Customized settings provide optimal image processing for red dropout documents, carbon copy documents and normal documents.
Noise Filters: Adjustable noise filters remove extraneous black or white dots on the page due to dirty paper, paper grain, etc., to make a visually appealing image and to minimize stored file sizes.

You can also Index, Preview Images, and Endorse (imprint or tattoo) your images at Scan-Time

SpeedFIRST Capture Software

For total control of your feature-rich S-Series scanner.
SpeedFIRST was designed with you in mind. Its user-friendly, Windows-based operating package is a stand-alone program that gives you access to all the S-Series scanner capabilities. It runs on a PC attached to your scanner via a SCSI connection. With SpeedFIRST, no additional software or programming is required—you can be up and running in minutes!

With SpeedFIRST You Can:
• Specify paper size, rotation, resolution
• Select simplex, duplex, or auto-duplex (discards blank back sides)
• Enable skew detection/correction
• Control border detection
• Enable run time enhancements
• Customize endorsement string (text, sequential fields, time/date stamps)
• Crop, frame, specify forms dimensions
• Tailor windows seen at scan time
• Save multiple job profiles with specific parameters for each job

Plus Indexing Capabilities:
• Create new documents with barcodes, patch codes, or operator input
• Collect indexing data from barcodes, operator input, or system generated fields
• Enables three levels of indexing at scan time: document, folder, cabinet
• Automatically create sub-directories for each batch, for increased organization
• Setup and test patch codes and barcoded documents for use as index triggers
• Output images and index data to network, local hard disk, or other path
• Output in single or multi-page:

TIFF for bitonal
JPG for color/grayscale
PDF available

One-Stop Support

Service
BancTec is a one-stop vendor for both hardware and software. Whenever a problem occurs, you call just one number for complete resolution. The primary concern of our service department is to provide responsive and effective service to the customer. One umbrella to cover all your needs eliminates finger pointing between hardware versus software vendors. REMEMBER… when comparing BancTec with other vendors, consider all the components and serviceability included with this complete scanning solution.

Training
Learn quickly and completely how to use your software and hardware. BancTec's National Tech Support Engineer will install the S-Series scanning system and provide operator training at the time of installation.

Standard training includes:
• Document preparation
• Scanner operation and maintenance
• Basic SpeedFIRST Capture Software
• A SpeedFIRST User Guide is provided in conjunction with the training

Advanced training packages also available for further instruction during production