CS-Series
MICROFILM APERTURE CARD SCAN SYSTEMS

THE LATEST DIGITAL IMAGING TECHNOLOGY

The CS-Series from Wicks and Wilson is a range of high-volume production scanners for digitizing microfilm aperture cards. These scanners are designed to meet the demands of large-scale scanning projects with maximum productivity and a minimum of operator intervention.

Wicks and Wilson
A Crowley Company

CROWLEY

The easier, simpler, better way to scan microfilm

Key Features and Technical Specifications
CS-Series Aperture Card Scanners

- Automated 500 card horizontal input hopper for simple loading and reliable card feed

- Smartscan, the Wicks and Wilson designed 12-bit image processing system for microfilm, provides real-time control of on-board advanced imaging tools for both bitonal and 256-level grayscale imaging

- Hollerith (punch data) automatically read and used to select drawing sizes and create file names if required

- Robust and proven mechanical design for reliable operation during extended production runs

- Production tools include manual rotation, imaging, cropping and deskew as well as automatic log file generation

- Optional production tools maximize the efficiency and productivity of the scanner:
    - Auto deskew and centering* straightens and repositions the drawing prior to saving
    - Multi-scan enables a single card to be automatically rescanned using up to five different imaging templates
    - Grayscale** provides a 256 level output, giving the best results from poor quality cards
    - DMP (Digital Microfilm Printing) offers a simplified user screen featuring digital zoom and review before printing: interfaces to any printer or plotter with a Windows certified driver

Model	CS500	CS750
Resolution	100-400dpi	100-600dpi
Speed (A2/C Size, 200dpi)	500 cards per hour	750 cards per hour
Speed (A2/C Size 400dpi)	300 cards per hour	620 cards per hour
Hopper-feed	500 card automated batch feed	500 card automated batch feed
Output hoppers	Optional	150 card Review 150 card Reject
Reduction ratio (fixed locus)	7.5x to 36x (variable)	
Film types	Silver and diazo	
Drawing sizes	User-defined, with limits of tape window	
Scaling accuracy	±0.5%	
Bitonal output file format	TIFF (G3 or G4) and CALS	
Grayscale output file format**	N/A	JPEG, BMP, RAW TIFF
Agency approvals	CE, UL, cUL	
RoHS compliance	YES	
Size (WxDxH)	890mm x 400mm x 430mm (35 x 16 x 17")	
Weight	40kg (88 lbs)	
Power requirements	120/230 Volts, 2.3/1.2 Amps	
PC connection	Dedicated PCI interface card supplied (full height slot required)	
Operating system	Windows 7 Professional, Windows XP Professional SP3 (all 32-bit OS only)	
Controller PC specification	Please see WWL website for current PC requirements www.wwl.co.uk	

* Bitonal only
**Grayscale output available as an option on the CS750 model only

Rev 11/14