



# RS-Series

The RS-Series from Wicks and Wilson is a range of high volume production scanners for digitising roll microfilm. The combination of speed, image quality and simple-to-use software interface provides a powerful scanning tool to meet the demands of production digital conversion.



RS-Series Roll Microfilm Scanning Systems  
the easier, simpler, better way to scan microfilm

# Key Features and Technical Specifications

## RS-Series Roll Microfilm Scanning Systems

- Graphical wizards provide a quick and easy way to configure detection and sizing parameters on the scanner.
- Automatic frame detection using image edge (leading/trailing, normal/inverse), blip code (up to four levels) or a combination of both.
- Automatic extraction of images using fixed page size or auto-cropping of variable sized documents.
- Job Setup creates a unique store of all batch scanning parameters, easily retrieved at a later date.
- 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 greyscale imaging.
- Fully-featured production tools provide automatic deskew (greyscale and bitonal), rotation, cropping and logging capabilities.
- Dual save increases productivity for poor quality film by simultaneously creating a high-quality greyscale duplicate of the bitonal data.
- Duplex film captured in a single pass with fully configurable detection, sizing and naming options. Imaging parameters set independently for upper and lower frames, giving the best results from varying quality film.
- Continuous data output produces contiguous files, with or without gaps, enabling uninterrupted data to be created for offline processing.

Model	RS100	RS150	RS200	RS325
Resolution	100 - 400 dpi	100 - 500 dpi	100 - 600 dpi	100 - 600 dpi
Speed (frames per minute) A4, 200dpi	65	120	180	325
Greyscale output (including dual-save)	n/a	<del>Optional</del> Included	<del>Optional</del> Included	Included
Check print capability	Yes			
Reduction ratio (fixed focus)	16mm 7.5 to 50x (variable) 35mm 7.5 to 36x (variable)			
Scaling accuracy	±1 %			
Film types	16/35mm spools, 16mm cartridge (M-type, C-clip), positive/negative, silver/vesicular/diazo, simplex/duplex, COM, portrait (cine)/landscape (comic)			
Spool size	30m (100ft), 64m (215ft) thin-base, 300m (1,000ft)*			
Bitonal output file format	TIFF (G3 or G4 single or multi-page), CALS, PDF** (single or multi-page)			
Greyscale output file format	n/a	JPEG, BMP, JPEG 2000, RAW TIFF, PDF** (single or multi-page)		
Agency approvals	CE, TÜV, UL, cUL			
RoHS compliance	Yes			
Size (WxDxH)	440mm x 593mm x 348mm (17.5" x 23.5" x 13.75")			
Weight	29kg (64lbs)			
Power requirements	120/230 Volts, 2/1 Amps			
PC connection	Dedicated PCI interface card supplied (full height slot required)			
Operating system	Windows XP Professional, SP2			
Controller PC specification	Please see WWL website for current PC requirements <a href="http://www.wwl.co.uk">www.wwl.co.uk</a>			

\* 1,000 foot large spool adaptors available as an option

\*\* PDF file output available as an option **Included**

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