

# Document Scanners

fi-6670 / fi-6770 and fi-6670A / fi-6770A



fi-6670 and  
fi-6670A



fi-6770 and  
fi-6770A



- 90 ppm / 180 ipm at 200 dpi in all colour modes (A4 Landscape)
- Designed to require minimal space with user friendly operability
- Ultrasonic double-feed detection
- 200 page ADF
- A8 – A3 scanning
- 'A' models come with pre-installed CGA board for hardware supported advanced image processing
- Loaded with intelligent automation functions



THE POSSIBILITIES ARE INFINITE

# fi-6670 / fi-6770 and fi-6670A / fi-6770A

<b>fi-6670 / fi-6670A</b>	200 Sheets	50 to 600 dpi	Simplex 90 ppm	Duplex 180 ipm	
					
	200 Sheets	50 to 600 dpi	Simplex 90 ppm	Duplex 180 ipm	<b>fi-6770 / fi-6770A</b>

## Suiting your every scanning need with the fi-6670 / fi-6770 and fi-6670A / fi-6770A scanners

Increase efficiencies in production environments with advanced scanning intelligence, high reliability and outstanding paper handling. Coming in an eye-catching design, the fi-6670 / fi-6770 and fi-6670A / fi-6770A scanners allow the user to experience exceptional performance with advanced scanner functionalities.

### Scan easily and at high speed

With the fi-6670 and fi-6770 series of scanners, multi-tasking and the capturing of high volumes of documents can be easily achieved. These scanners deliver the automation and dependability needed for mission critical production scanning applications by combining multi-functional usage and specialised assignments for efficient archiving and document management purposes. Efficient connectivity is enabled through a dual SCSI/USB 2.0 interface.

Capable of scanning at up to 180 images per minute in colour or monochrome these scanners are among the fastest in their class. The fi-6670 and fi-6670A scanners are ADF only whilst the fi-6770 and fi-6770A scanners additionally come with a flatbed. All four models can scan at 90 pages per minute or 180 images per minute (A4, landscape at 200 dpi). At 300 dpi these scan speeds are 80 ppm and 160 ipm. In portrait mode all models will scan at 70 ppm and 140 ipm at a resolution of 200 dpi whilst at 300 dpi the speeds are 60 ppm and 120 ipm.

Users wishing to scan at a higher resolution can do so up to a resolution of 600 dpi making the scanners perfectly suitable for print-on-demand solutions.

The impressively compact fi-6670 and fi-6670A scanners weigh just 17 kg with dimensions of 300 x 640 x 430 mm (H x W x D). To save space and be inobtrusive when not in use, both the input and output trays can be folded away which reduces greatly the width of the unit. The fi-6770 and fi-6770A weigh in at 35 kg with dimensions of 340 x 690 x 500 mm (H x W x D).

### Mixed document scanning

Both the fi-6670 and fi-6770 series of scanners come equipped with a 200 sheet automatic document feeder (ADF). This feeder can cope with a variety of mixed documents ranging in quality and size from A8 to A3 and in a variety of paper thickness from extremely thin paper (31 g/m<sup>2</sup>) to thick card (209 g/m<sup>2</sup>) (there is no limit to the paperweight when using the flatbed). With an exceptional feeding mechanism that allows for mixed batch processing the need for timely uniform batch processing is eliminated as well as scanning delays due to paper jams.



Additionally both the fi-6670 and fi-6770 models are able to scan paper that is up to 3 m long enabling them to digitise items such as electrocardiograms, instrumental data readings and other equally long documents.

### Space saving and user friendly

Both scanners are uniquely designed with both left and right hand users in mind. The fi-6670 series is equipped with user panels on both sides of the body, which makes positioning the scanner for the user's needs possible. Additionally its extremely compact design means it takes up very little space and can be positioned almost anywhere, even tight against a wall or tucked away in a corner will not affect performance or reduce operational comfort. The ADF of the fi-6770 series can be turned a full 180 degrees to allow for right or left handed feeding. In addition the operator can choose a side or middle placement of the ADF so enabling the adaptation of the scanner to suit both space and user requirements.

### Superior feeding

The fi-6670 series and fi-6770 series offer exceptional feeding capabilities. All models offer straight paper paths. This means that continuous scanning of a range of mixed size and weight documents is achievable and as the scanning mechanism picks the paper from the bottom of the paperstack, the operator can continuously feed paper whilst the scanner is operating, thereby optimising the scanners productivity.





## ADOBE® ACROBAT® 8 STANDARD

Ultrasonic double feed detection comes as standard with the fi-6670 series and fi-6770 series scanners. This impressive functionality ensures that should double feeds occur due to stuck or stapled paper in the batch, the sensors identify and interrupt the scanning process to prevent possible damage to the document and also thereby ensuring that all documents in the batch are scanned. Additionally, advanced intelligence allows for drastically improved batch scanning by allowing the ultrasonic double-feed detection sensor to ignore intentional overlapping documents such as a receipt taped to an expense report, post-it note on an invoice or documents with photos attached.

### Image enhancement

Image enhancement functionalities come as standard with all four of these scanners. One such functionality ensures that even trapezoid shaped documents (4 sided shape with two parallel sides) are scanned in their entirety as well as index tab and sticky note attached documents. Additionally the models support a function that removes circular and angular punch hole representations that are created from scanning loose-leaf sheets, courier service forms and other similar documents.

### Software bundling

The fi-6670 and fi-6770 series scanners come bundled with an assortment of valuable software tools and applications such as full versions of Adobe Acrobat Standard, ScandAll PRO with Microsoft Sharepoint connectivity as well as VRS Professional.

VRS enables utmost capturing simplicity and streamlined business process automation allowing information workers to focus on their productive tasks whilst at the same time supporting them by capturing information from paper documents at the click of a button. VRS will dynamically adjust scanner settings for each document allowing for next to perfect image quality every time you scan.

The most important part of scanning and capturing images is the ability afterwards of the user to easily find, retrieve and use this information. VRS Professional allows users to create images that are easier to read and index and with its advanced technology

literally cleans up scanned images which in turn makes for a huge improvement in the accuracy of your OCR and ICR software. Productivity is increased as well as efficiency and in time seeing a greater return for your scanning investment.

ScandAll PRO enables all these scanner models to seamlessly link with Microsoft Office Share Point Server for easy digitised document sharing and viewing administration resulting in even easier document management. ScandAll Pro also allows for automatic job separation to help improve digitising efficiency, the bundled barcode and patch code reading functionality enables the ability to separate different jobs. This is additionally supported by ScandAll Pro triggering zonal OCR processes.

### Enhanced image processing on the 'A' series'

The fi-6670A and fi-6770A come with a pre-installed VRS CGA board that offers hardware supported, accelerated image processing, functionality and performance. These models are the first in their class to offer hardware assisted VRS CGA and this sees the fi-6670A and fi-6770A performing at greater speed when utilising combinations of advanced VRS imaging features. Sharper images are created from documents that may be stained or darkly coloured in less time, compared to the software version of VRS. This guarantees for highly efficient scanning.

**fi-6670  
and fi-6670A  
with Imprinter**



### Options

The fi-6670 and fi-6670A can be operated with an imprinter that prints up to 40 user-defined alpha-numeric characters on the documents reverse sides such as the date and other relevant information, thus clearly marking them as scanned and making them easier to retrieve, especially when combining this with a virtual imprint on the digital image.

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# fi-6670 / fi-6770 and fi-6670A / fi-6770A Specifications

fi-6670  
and fi-6670A



fi-6770 and fi-6770A

Model	fi-6670	fi-6670A	fi-6770	fi-6770A
<b>Scanner type</b>	ADF (automatic document feeder)		ADF (automatic document feeder) + flatbed	
<b>Scanning modes</b>	Simplex / Duplex, Colour / Grayscale / Monochrome			
<b>Image sensor type</b>	Colour CCD (charge-coupled device) image sensor x 2		Colour CCD (charge-coupled device) image sensor x 3	
<b>Light source</b>	White cold cathode discharge lamp			
<b>Scanning range</b>	Maximum: A3 (297 x 420 mm) Minimum (portrait): A8 (52 x 74 mm)			
	-		Flatbed: Maximum: A3 (297 x 420 mm)	
<b>Paper weight (no limitation for flatbed)</b>	A4 or smaller: 31 to 209 g/m <sup>2</sup> ; Over A4: 52 to 209 g/m <sup>2</sup> ; A8 size: 127 to 209 g/m <sup>2</sup> Card feedability (ADF) <sup>1</sup>			
<b>Scanning speed (JPEG comp. values / A4 Landscape)<sup>2</sup></b>	Simplex: 80 ppm (300 dpi), Duplex: 160 ipm (300 dpi) Simplex: 90 ppm (200 dpi), Duplex: 180 ipm (200 dpi)			
	Colour <sup>3</sup> / Grayscale <sup>3</sup> / Mono <sup>3</sup>			
<b>Paper chute capacity<sup>4</sup></b>	200 sheets (A4: 80 g/m <sup>2</sup> ) (active loadability)			
<b>Background colours</b>	White or Black (switchable)		ADF: White or Black (switchable) / Flatbed: White (Black is optional)	
<b>Optical resolution</b>	600 dpi			
<b>Output resolution</b>	50 to 600 dpi (adjust by 1 dpi increments)			
<b>Output format</b>	Colour: 24 bit / 8 bit, Grayscale: 8 bit, Monochrome: 1 bit			
<b>AD converter</b>	1024 levels (10 bit)			
<b>Interface<sup>5,6</sup></b>	Ultra SCSI / USB 2.0 / USB 1.1	Ultra SCSI / USB 2.0 / USB 1.1	Ultra SCSI / USB 2.0 / USB 1.1	Ultra SCSI / USB 2.0 / USB 1.1
<b>Connector shape</b>	USB: B type			
<b>Output mode (half-tone)</b>	Dither / error diffusion			
<b>Voltage range</b>	AC 100 to 240 V, ±10%			
<b>Power</b>	Operating: 216W or less (Sleep mode: fi-6670A less than 9.1W / fi-6670 less than 6W)			
<b>Operational environment</b>	Temperature: 5 to 35°C (42 to 95°F); Relative humidity: 20 to 80% (Non-condensing)			
<b>Dimensions (W x D x H base unit)<sup>7</sup></b>	641 x 432 x 300 mm		690 x 500 x 342 mm	
<b>Weight</b>	17 kg		35 kg	
<b>Included drivers</b>	TWAIN, ISIS™			
<b>Bundled software</b>	VRS Professional, Adobe® Acrobat®, Quicksan Pro Demo, Image Processing Software			
<b>Environmental compliance</b>	ENERGY STAR® and RoHS			
<b>Others</b>	Multi-feed detection Long paper scanning	Ultrasonic Multi Feed Detection / Paper length 3048 mm		



ENERGY STAR®  
compliant

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Options	Part number	fi-6670	fi-6670A	fi-6770	fi-6770A
<b>Post Imprinter (fi-667PR)</b>	PA03576-D101	Assists document management by printing numbers, Roman characters and codes on original documents after they have been scanned		-	
<b>Black Document Pad (fi-575BK)</b>	PA03338-D960	-		Black flatbed background pads which can be easily replaced by users	

Consumables	Part number	fi-6670	fi-6670A	fi-6770	fi-6770A
<b>Print Cartridge</b>	CA03540	Lifetime: 200,000 sheets or one year. These rollers feed documents in the scanner			
<b>Desktop Scanner Cleaning Kit</b>	SC-CLE-KIT2	Includes F1 + F2 pump spray cleaner fluid, cleaning sheets with adhesive surface and cleaning paper			
<b>Consumable kit</b>	CON-3576-012A	Includes 2 x pick roller and 2 x brake rollers to support scanning of up to 500,000 sheets			

<sup>1</sup> The fi-6670A and the fi-6670 support ISO 7810 card scannability, but cannot scan embossed cards.  
<sup>2</sup> Actual scanning speeds are affected by data transmission and software processing times.  
<sup>3</sup> JPEG compressed figures.  
<sup>4</sup> Maximum capacity varies, depending upon paper weight.  
<sup>5</sup> You cannot use both SCSI and USB 2.0/1.1 interfaces at the same time.  
<sup>6</sup> You cannot connect multiple computers to the scanner using each type of interface cables at the same time.  
<sup>7</sup> Excluding the ADF paper chute and stacker.

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