ROBO SCAN RANGE

The Future of Book Digitization is here !
Discover how robotic scanning transform mass digitization

SMA proudly presents **ROBO SCAN** - the first large format book scanner with automatic page turning function. So far all existing robotic scanners can only handle small books (below A2). The new ROBO SCAN range can handle books up to A1 without a problem. Our robotic scanners are based on the well known book scanners of the Master Series, SCAN MASTER with all their benefits.

Quality Made in Germany!

All ROBO SCAN models are equipped with unique scan engines. They provide high quality images based on state of the art technology. Bitonal, grey scale or color images can be produced at a resolution of up to 1200 dpi!

Robotic Scanning Increases Performance

The ROBO SCAN option definitely increases your throughput. Not only will your productivity go up but with ROBO SCAN it is also possible that one operator handles multiple scanning stations. In addition, this operator can do other tasks like entering meta data or indexing.

Operation Independent from Ambient Light

Special LED light illuminators without any ultraviolet and infrared radiation guarantee harmless and uniform illumination. As the illuminators are located inside the scan head and are simply moved across the original it doesn't matter where the scanner is being placed. Bright sunlight or intensive ceiling light does not interfere in the scanning process. Further there is no external light source irritating the operator.

Please note that ambient light is way more harmful to the original than the illuminator utilized in the ROBO SCAN range.

Networking Made Easy

All members of the ROBO SCAN family are true network scanner. Communication with the PC takes place via network card. Remote service and training can be effected via IP address so regardless where in the world a SMA scanner is located, it can be accessed and maintained if necessary.

Two in One

Since every ROBO SCAN is a SCAN MASTER in the first place a ROBO SCAN is not only a robotic book scanner but also a manual book scanner. The robotic scan option can be activated or deactivated simply via touch screen panel.

	ROBO SCAN 2	ROBO SCAN 1	ROBO SCAN 0
Scanning Range	635 x 508 mm (25 x 20 inch)	915 x 635 mm (36 x 25 inch)	1219 x 965 mm (48 x 38 inch)
Maximum Resolution	1200 dpi	1200 dpi	1200 dpi
Scan Modes	Color 48/24 bit, color 48/8 bit, Greyscale, Bitonal	Color 48/24 bit, color 48/8 bit, Greyscale, Bitonal	Color 48/24 bit, color 48/8 bit, Greyscale, Bitonal
Scan Speed (full range)	Manual Scanning: 300 dpi color: 3 seconds 600 dpi color: 3 seconds Robotic Scanning: Up to 240 pages/h at max. format Smaller books increase productivity	Manual Scanning: 300 dpi color: 4 seconds 600 dpi color: 4 seconds Robotic Scanning: Up to 180 pages/h at max. format Smaller books increase productivity	Manual Scanning: 300 dpi color: 6 seconds 600 dpi color: 6 seconds Robotic Scanning (up to A1): Up to 180 pages/h at max. format Smaller books increase productivity
Camera System	Sealed and fully dust-proof	Sealed and fully dust-proof	Sealed and fully dust-proof
Light Source	White LEDs, classified IEC 60825-1: class 1 free of IR and UV emission	White LEDs, classified IEC 60825-1: class 1 free of IR and UV emission	White LEDs, classified IEC 60825-1: class 1 free of IR and UV emission
Color Depth	Internally 48 Bit Externally 24 Bit (Color) 8 bit (Grey Scale)	Internally 48 Bit Externally 24 Bit (Color) 8 bit (Grey Scale)	Internally 48 Bit Externally 24 Bit (Color) 8 bit (Grey Scale)
Interface	GBit Network	GBit Network	GBit Network
Operating Systems	Windows 7 / 8 / 10	Windows 7 / 8 / 10	Windows 7 / 8 / 10
Included Software	Batch Scan Wizard Other Software optional available	Batch Scan Wizard Other Software optional available	Batch Scan Wizard Other Software optional available
Standard Book Cradle	Motorized, pull out, 35 cm	Motorized, pull out, 35 cm	Motorized, pull out, 35 cm
Optional Book Cradle	Motorized, pull out, 50 cm	Motorized, pull out, 50 cm	Motorized, pull out, 50 cm
Other Options	TV stand for large monitor Attachment for v-scanning	TV stand for large monitor Attachment for v-scanning	TV stand for large monitor Attachment for v-scanning
Ambient Conditions	Temperature +5 to +40C Humidity 20 to 80% (non-condensed)	Temperature +5 to +40C Humidity 20 to 80% (non-condensed)	Temperature +5 to +40C Humidity 20 to 80% (non-condensed)
Dimensions & Weight	W: 83cm D: 83 cm H: 104 cm 85 kg (without PC and Monitor)	W: 118 cm D: 104 cm H: 104 cm 123 kg (without PC and Monitor)	W: 168 cm D: 120 cm H: 104 cm 185 kg (without PC and Monitor)

BSW - BATCH SCAN WIZARD

Simplify High Volume Scanning

Batch Scan Wizard is a fast and easy to use software solution from Image Access for professional management of large scanning volumes and jobs. The software increases data throughput and reduces operational tasks substantially. Batch Scan Wizard is ideal for processing large volume scanning jobs but is just as useful for smaller volumes in which more advanced operations like page splitting or extracting specific areas on a document is required.

The operator creates a job and configures a template for the job. Then, all images scanned are collected in the job until the job is closed by the operator. In addition to the standard scan parameters like brightness, contrast, color mode or file format Batch Scan Wizard lets operators predefine specific areas of a document to extract, scan and save as separate images. Nothing is lost, because you can reopen a stored scan job and change it with the features cut, delete, insert and replace for any selected image in the job. You can also change the filename or directory location of the job.

Batch Scan Wizard supports all Scan2Net® scanners and their functions. Using Batch Scan Wizard's rescan function, a previously scanned image is held in memory. Color mode, file format, rotation, mirror and camera settings can be modified without having to rescan. The new settings will affect the image immediately, without having to physically rescan the document. When you have optimized your scan parameters, you can save the new images or replace an image in your batch.

The new, freely configurable workflow tracking in Batch Scan Wizard supports you with information about your files in each scanning job. This record includes date and time for each image scanned, the scanning parameters used, the PC used and the location of your images.

Batch Scan wizard scan job indexing will help with the compilation of individual variables and/or combinations of variables for the automatic creation of file and directory names and their directory structures.

Batch Scan Wizard Functions:

- Create custom templates for specific scanning parameters, file naming conventions and directory locations
- Automatic generation of file and directory names and directory structures using individual or combinations of variables
- Freely configurable file, directory, and scan template names (via manual input, barcode or using variables)
- Configurable keyboard shortcuts to optimize processing speed
- Supports all Scan2Net® functions as well as page splitting, page region extractions, zoom, rotate, invert and mirror
- Interface allows operators to select a variable number of image windows
- Individual image scaling horizontally, vertically or adapted to the window size
- Cut, delete, replace and insert a selected image into a previously generated job
- Multiprocessor and hyperthreading support
- Indexing scan jobs
- Create multipage PDF files
- Create multipage TIFF files
- Keyboard shortcuts, file menu and mouse context menus
- Integrated full-screen display

Perfect Stitch - The Easiest Way to Make One Out of Two!

The PerfectStitch software is the easiest, most intuitive solution for fast and accurate stitching of two JPEG or TIFF images.

Using the high quality images generated by SMA scanners, you can achieve a perfect stitching result in three simple steps. Double the scan area of your scanner with PerfectStitch!

SMA

BLACK & YELLOW

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