

Large-format colour scan system and colour copy system - up to A0

SMA 1 6650

SMA 0 6650

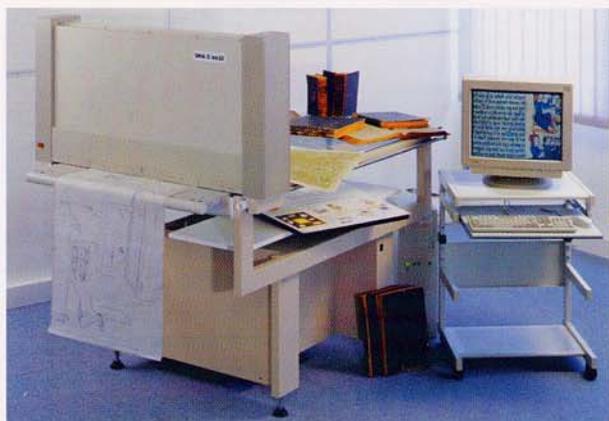


Large-format colour scan system SMA 0 6650



Colour scan – and copy system configuration consisting of:

- **TrAS_{oc}** = Flat bed scanner + book scanner + document feeder
- Power work station
- Pro View scan software
- Postershop professional (as Rip)
- The Repro (reproduction software)
- Large-format colour copier



Features of the SMA Large-format scan system

SMA Pro View Software:

The perfect scanner software (scan to file and scan to print solution), for colour, black and white and greyscale. Ten user formats and five DIN formats. With edge enhancement and dark enhancement. Easy-to-use editing and image improvement functions, multiple zoom and print function, with print all and print frequently, create print list and print margin text. Scanning head speed control, forwards and backwards. Easy viewing of all images in a directory. Different file formats, TIFF, G4, CALS, WPF, JPEG etc.

MDI-Interface (Multi-Document). Open and look at several pictures at the same time. Transfer a part of a scan from one format to another file format. Other functions: cropping, despeckle, rotation, 45 different raster formats, cut vertical scale X-axis and Y-axis also X & Y with reference, erase and draw and all zoom functions. Show on the screen in overview, full raster and greyscale, rotate functions 90, 180 and 270 degrees. Additional functions such as pan-window with magnify and birdseye view functions.

Scanning system advantages:

- No distortion of the bent pages because of the binding cover.
 - The operator is unaffected by the light source.
 - Documents will not suffer any degradation by the exposure light.
 - The book cradle pressure can be set individually.
 - True optical resolution of 400 dpi (3 CCD Cameras with 5000 pixels each) on documents up to 900 x 1200 mm.
- Superior quality with the 3-Camera Technology: the reduction rate is always 1:10, whereas with the 1-Camera Technology the rate is 1:20 for DIN A1 size and 1:30 for DIN A0 size documents. The sharp edges of scanned letters easily enable OCR reading.

Fast and uncomplicated:

These are the words to describe the scanning of books and



Intelligent scanner corrects page curvature

bound volumes of newspapers with the special book cradle. There is an option to adjust the book pressure and speed.

Book curve correction:

The scanning head itself corrects page curvature and line skewing and removes shadowing so that even the material closest to the binding can be read easily. An edge setting masks out borders and areas behind the page.



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Scanning head TruScan TITAN Colour

Vivid Colour and Photo-Realistic Black and White Images from the same Scanner

True Color Fidelity and Maximum Image Quality

Whether you're scanning paper or mylar maps, colour-coded or redlined engineering drawings, photographs or large commercial graphics, the TruScan TITAN captures all the brilliant colour and detail of the original. The TITAN maximizes colour precision by capturing 36-bits of data, removing the background noise, and sending the best 24-bits to the host computer. Its superior imaging system holds colour fidelity. In addition:

Precise First-Time Scanning of Monochrome Images

The TITAN provides advanced digitizing tools that ensure the highest quality monochrome performance of any large-format colour scanner. It features Advanced Copy Logic™ (ACL) – TITAN's unique error diffusion algorithm, Dual Point Thresholding, and TITAN's proprietary 2D Edge Sharpening to pick up fine lines in both the scan and feed direction. The result: you can scan even the most demanding monochrome or greyscale originals, like aerial photographs and the most difficult of sepias, with complete reliability.

Host Platforms: Windows 95/NT

Upgradable Models:

Models	Speed at 400 dpi	Resolution Range	Colour Mode	ACL
TITAN Plus	0.8 ips	100–800 dpi	24-bit	AAT
TITAN Pro	0.8 ips	100–800 dpi	24-bit	AAT, ACL

TruScan TITAN includes Adaptive Area Thresholding

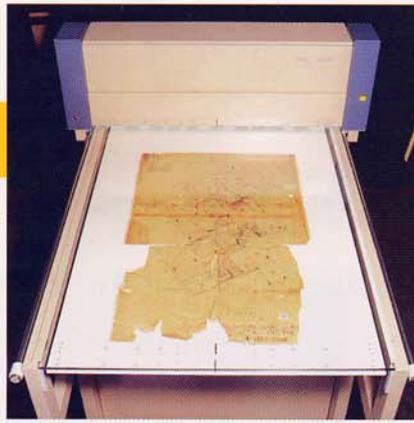


TruScan TITAN scans in full 24-bit color or selects layers of colour (option).

SMA



Wet, wavy old damaged original documents



Damaged original documents put together under glass

Three Top Quality Scanners for High Volume Applications and Reprographic Solutions for SMA 1 6650 and SMA 0 6650

Scanning head Titan colour

Imaging System:	Three CCD cameras, each 3 x 5000 pixels
Optical Resolution:	400 dpi
Derived Resolution:	800, 600, 400, 300, 200, 100 dpi
File Formats:	GPEG, TIFF, GIF, BMP, PCX, RLC, TGA, RLE, etc.
Scanning Modus:	Full colour 24-bit RGB; out of 36-bit RGB Monochrome 8-bit greyscale and bi-level (black/white)
Scanning Speed:	0,8 ips or 20,3 mm/sec at 400 dpi
Interface:	SCSI interface board (SCSI-2 protocol)
Colour precision:	Capturing 36-bits of data and sending the best 24-bits

Scanning head Flash

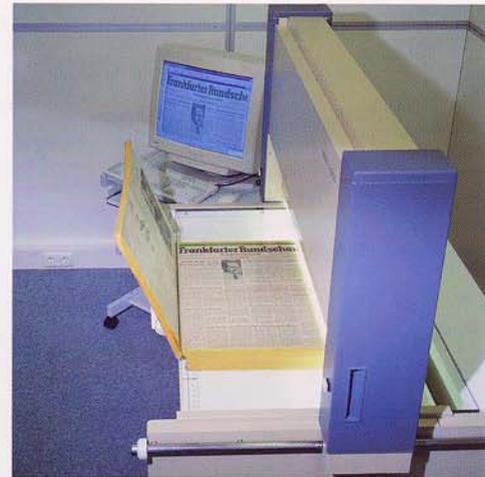
Imaging System:	Three CCD cameras, each 3 x 5000 pixels
Optical Resolution:	400 dpi
Scaled Resolution:	1600, 1400, 1200, 1000, 800, 600, 400, 300, 200, 100 dpi
Scanning Speed:	3 ips or 76,2 mm/sec at 400 dpi 6 ips or 152,4 mm/sec at 200 dpi
Scaling:	0,25 - 400%
Greyscale:	8-bit (256 levels)
Interface:	SCSI (SCSI-2 protocol)

Scanner head True

Imaging System:	Three CCD cameras, each 3 x 5000 pixels
Optical Resolution:	400 dpi
Scaled Resolution:	800, 400, 200, 100 dpi
Scanning Speed:	0,5 ips or 12,7 mm/sec at 400 dpi 1,0 ips or 25,4 mm/sec at 200 dpi
Scaling:	0,25 - 400%
Greyscale:	8-bit (256 levels)
Interface:	SCSI (SCSI-2 protocol)

Technical Data

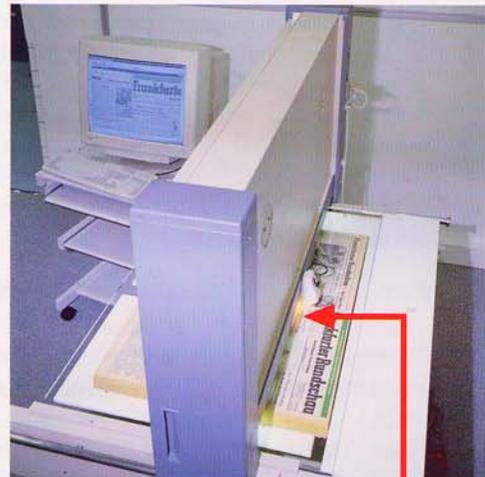
SMA 1 6650	Max. Scan Size:	600 x 914 mm (> A1)
	Book support:	Motorized up to 20 cm
	Backlight:	Option
	Electrical Data:	220 V, 50 Hz, 1200 W
SMA 0 6650	Dimensions:	Width 125 cm, depth 105 cm, height 140 cm
	Max. Scan Size:	914 x 1200 mm (> A0 and E-size)
	Book support:	Motorized up to 20 cm
	Backlight:	Option
	Electrical Data:	220 V, 50 Hz, 1200 W
	Dimensions:	Width 150 cm, depth 125 cm, height 150 cm



90° Book cradle specially for books that cannot be opened more than 90°



The book cradle is variable from 90° to 180°



Special book gutter illumination

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