InoTec GmbH
Organisationssysteme

Ultra High Performance Scanner

SCAMAX® 8x1

... made in germany

PRECISION ENGINEERING PROVIDES
SECURITY AND EFFECTIVENESS

ULTRA HIGH PERFORMANCE SCANNER SCAMAX® 8x1

Very high throughput, outstanding paper handling, maximum operator comfort and a very low cost of ownership makes the SCAMAX® 8x1 scanner series the right tool for all highvolume scanning applications.
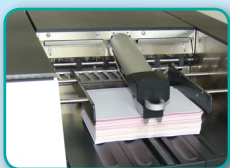
High performance scanners used in a daily production environment are subject to very high expectations from users. Performance in terms of speed, brilliance of image quality and robustness with respect to life expectancy are basic requirements in high volume scanning projects. Modular designed, upgradable scanners employing technologies aimed at long-term usability are what the high volume scanning market demands.

With the SCAMAX® 8x1 scanner series InoTec GmbH positions a new, unique performance class in the high-performance scanner market.

Straight-through **Paper Path** for documents up to 2 mm thick, including additional **Output Hopper** for separation of headers, barcodes, double feed sheets and more.
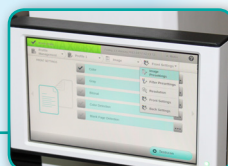
Up to two **High-Speed Output Hoppers** for orderly collection of scanned documents without loss of scan speed.

Perfect Document TECHNOLOGY

Complete **Image Processing** on board, e.g. gamma correction, digital color filtering, bicubic deskew, cropping and dynamic binarisation for perfect bitonal images.
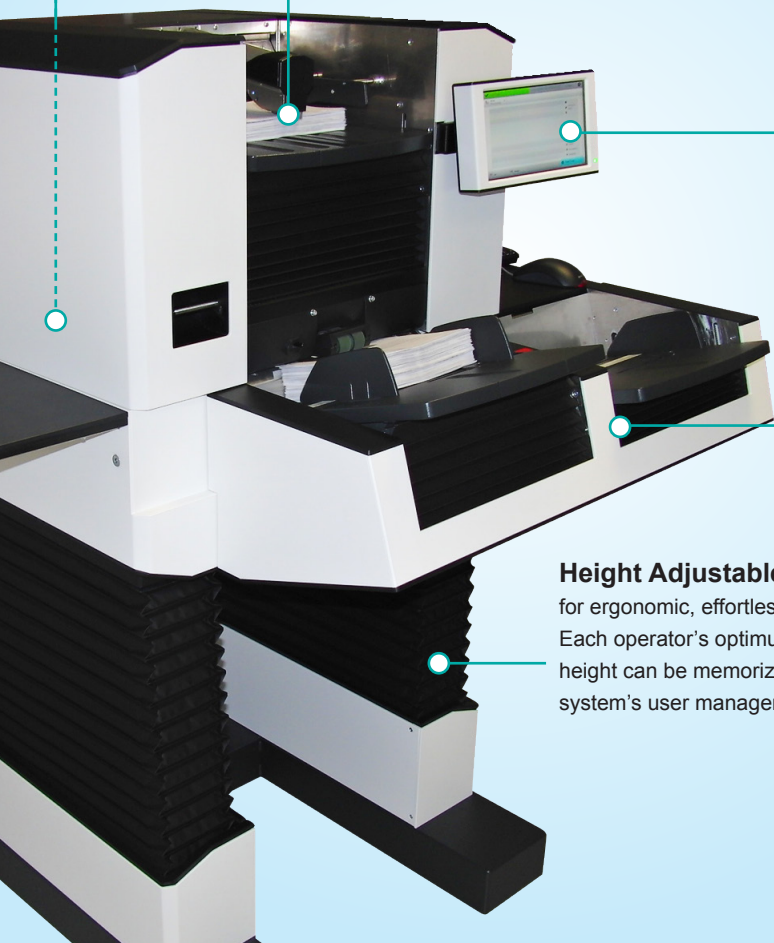In addition, PDT offers functions like multistreaming (simultaneous output of color, greyscale and bitonal images), automatic blank page detection, content based rotation, automatic or patch-code controlled color detection, and much more ...

Color Touch Screen Display with latest multi-touch navigation for simple, intuitive **operation.**

Height Adjustable for ergonomic, effortless working. Each operator's optimum work height can be memorized in the system's user management area.

Dual Input Hopper Tray with 1,000 sheet capacity each, facilitates continuous feeding to ensure uninterrupted scanning. (Option)

SCAMAX® 801 / 811 / 821 SCAN SPEEDS

Scan speed at 200 / 300 dpi	Performance grades	SCAMAX® 801 bitonal / color	SCAMAX® 811 bitonal / color	SCAMAX® 821 bitonal / color
Simplex A4 landscape		160 ppm	220 ppm	300 ppm
Duplex A4 landscape		320 ipm	440 ipm	600 ipm

Scanning speed is influenced by several factors. Some of these are the actual paper size and surface, as well as the PC being used (amount of memory and processor speed) and the scan application itself.

SCANNER-SPECIFICATIONS

Optics / Onboard image enhancements

Scan process	CCD linescan camera, encapsulated
Optical resolution	600 dpi
Output resolution	150, 200, 300, 400 and 600 dpi, dual or multi resolution available
Output compression	TIFF CCITT Group IV, JPEG or uncompressed output
Lighting system	Focusing LED illumination unit
Color image	24 bit, 16,8 million colors (true color)
Greyscale image	8 bit, 256 grey levels
Bitonal image	1 bit color depth, bitonal
Image processing	**PDT** (**P**erfect **D**ocument **T**echnology) - dynamic binarisation (colAdapt) - gamma correction (3-level-correction) - digital color filter (red, green, blue) - bicubic deskew - black border removal (cropping) - content based rotation - bates stamping (electronic image stamp) - and more ...

Document processing / Handling

Document width	28 mm to 317,5 mm
Document length	60 mm to 450[1] mm from stack
Standard formats	ISO sizes: A3, A4, A5, A6, A7, B4-B7 US sizes: Ledger, Legal, Letter, Executive, Invoice
Document weight	40 gsm to 280 gsm [2]
Max. throughput thickness	2 mm [2], as option 5 mm [2]
Document input	- Stack height of 100 mm (approx. 1000 sheets with 80 gsm paper) and integrated support for A3 size documents - Hight adjustable from 640 mm up to 1290 mm (650 mm lifting hight) - Dual input hopper tray (option) for two 1000 sheets batches and automatic side-switch function

Feed process control / Document output

Feed process control	Mechanical sheet separation and double feed control via three ultrasonic sensors (separately controllable)
Document process control	**P**aper**F**low**C**ontrol (PFC), electronic length check can be activated
Document output	- Output Hopper on top with 140 mm stack height - Output rear side with straigth-through paper path and separating function - Second output Hopper on top (option) - Highspeed output Hopper (option)
Endorser / Imprinter	- Imprinter (pre-scan on document front side) - Endorser (post-scan on document back side) - Electronic image stamp (Bates Stamp)
Daily duty cycle	unlimited

Interfaces

Operation	via color **M**ulti**T**ouch **C**ommunication **P**anel (MTCP)
Driver	TWAIN, (ISIS in preparation)
Supported operation systems	Windows 7, Windows 8
PC connection	USB 3

Technical data

Power consumption	400 - 600[3] W, sleep mode < 1 W
Input voltage	100 - 240 volt, 50/60 Hz, 6 amp (at 115 volt)
Environment	Temperature: 10 - 35°C Relative humidity: 30 - 80 %
Dimensions	Width: 1280 mm Height: 1070 - 1720 mm (with second output hopper additional 320 mm) Depth: 1160 mm (with output box on rear side 1350 mm)
Weight	142 - 182[3] kg
Noise emission	Operating: < 64[3] dB(A), Ready for operating: < 40 dB(A) Standby: 0 dB(A)

[1] Restrictions in relation to image processing settings and resolution are possible.

[2] Maximum paper weight or thickness can vary and ultimately depend on surface condition and the flexibility of material.

[3] Depending on model

Technical specification subject to change without notice.

WE ARE PIONEERING!

Your contact:

SCAMAX® powered by InoTec