InoTec GmbH Organisationssysteme

Ultra High Performance Scanner

SCAMAX® 8x1

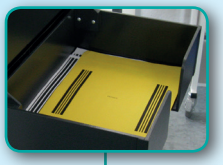
... made in germany

PRECISION ENGINEERING PROVIDES
SECURITY AND EFFECTIVENESS

ULTRA HIGH PERFORMANCE SCANNER SCAMAX® 8x1

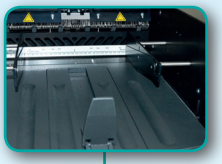
Very high throughput, outstanding paper handling, maximum operator comfort and a very low cost of ownership makes the SCAMAX® 8x1 scanner series the right tool for all highvolume scanning applications. High performance scanners used in a daily production environment are subject to very high expectations 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

SCAMAX® 8x1 with single Input Hopper and single Output Hopper

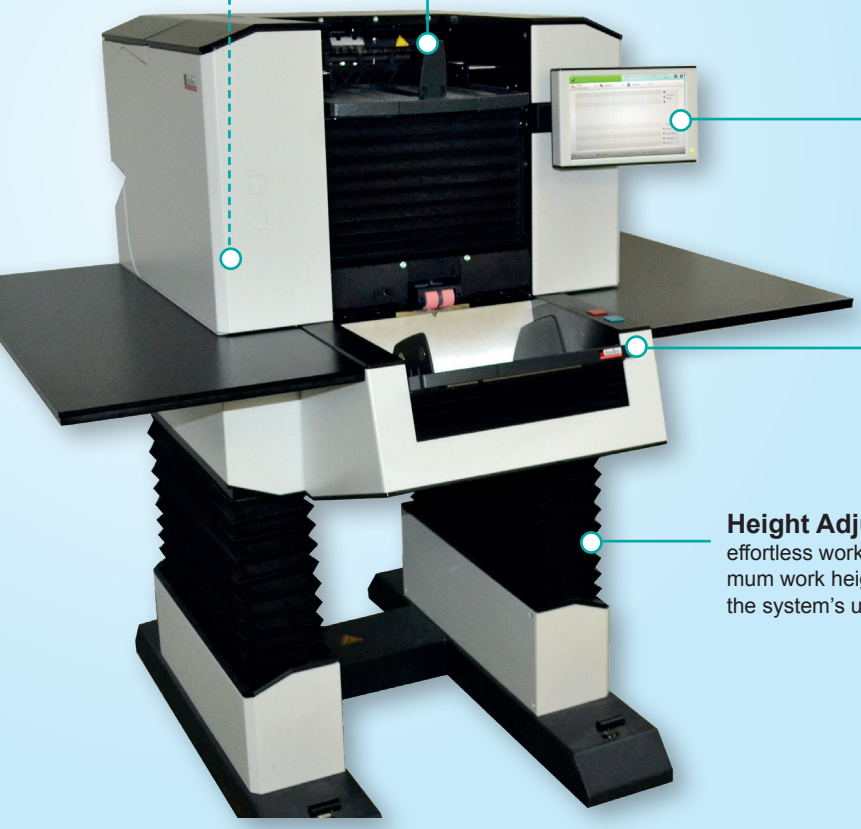


Straight **Through Paper** Pass with an admission height up to 2 mm (optional in 4 steps up to 5 mm) and rear **Output Tray.** Output tray additionally useable for separated documents (e.g. dividers).

Perfect **Document** TECHNOLOGY Complete **Image Processing** on board, e.g. gamma correction, 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 ..



Output Hopper for a controlled stacking of the scanned sheets without speed reduction. Up to 130 mm stacking height with active air extraction, adjustable paper stop and asymmetric adjustable paper guides.



MultiTouch Communication Panel *(MTCP)* with latest multi-touch navigation for simple, intuitive operation.

Input Hopper with 1000 pages capacity. Automatically for batch or single sheet input, adjustable paper guide (also asymmetric), integrated support for long documents.

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

(SCAMAX® 8x1ss)

SCAMAX®
ULTRA HIGH PERFORMANCE SCANNER
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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.

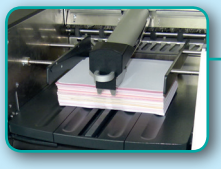
SCAMAX® 801 / 811 / 821 SCAN SPEEDS

Performance grades / Scan speed at 200 / 300 dpi	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.

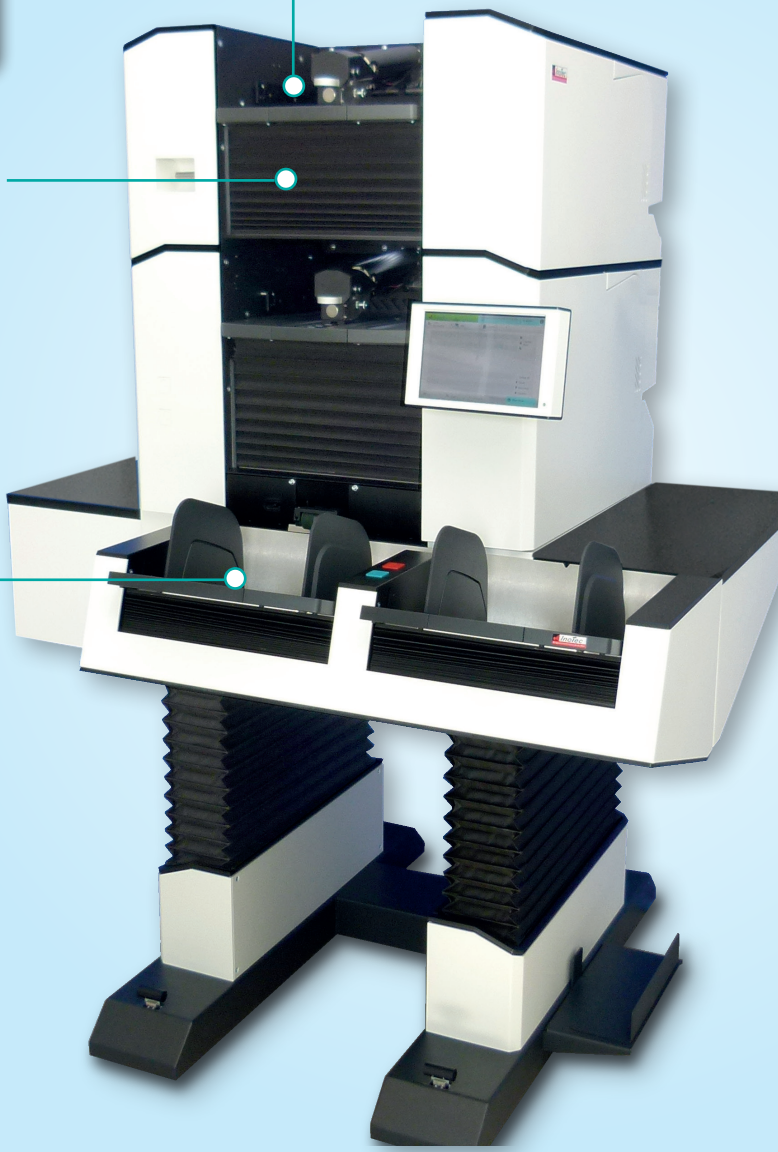
SCAMAX® 8X1 with double Input Hopper and double Output Hopper

HighSpeed Stacker Arm for controlled stacking of the scanned sheets without speed reduction.



Double Output System with automated stacking up to 130 mm height, sorting function, active air extraction and adjustable paper guides.

Dual Input System with a tray capacity of 1,000 sheets each. Provides a continous paper input and an uninterrupted scanning procedure.



(SCAMAX® 8x1dd)

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SCANNER-SPECIFICATIONS

Technical Specification, Generally

Scanning Method	CCD line camera
Illumination	LED Illumination *(diffuse)*
Optical Resolution	600 dpi
Output Resolutions	75, 100, 150, 200, 240, 300, 400, 600 dpi Dual or multi resolution possible.
Output Compressions	CCITT Group IV, JPEG, PDF/R (*Raster*) or uncompressed.
Color Image	24-Bit, 16.8 million colors *(True Color)*
Gray Image	8-Bit, 256 gray levels
Bitonal Image	1 bit color depth, bitonal

Image Processing / PDT (Perfect Document Technology)

Image Orientation	Bi-cubic skewness correction with black border removal and text-oriented alignment.
Gamma Correction	3-level correction *(color, black, white)*
Color Dropout	Up to 3 color areas definable
Binarisation Method	Dynamic with pixel filters and result preview.
Stream Control	Based on Automatic Color Detection and/or Event Control *(e.g.. Patch Code).*
Blank Page Detection	Content-based dynamic procedure with 2 definable impact areas.

Paper Processing / Handling

Working Height	Motor-driven from 640 mm to 1100 mm *(shelf / input tray).*
Paper Input	Automatically for batch or single sheet input, adjustable paper guide *(also asymmetric)*, integrated support for long documents. Dual Input Hopper for continuous processing [5]
Max. Stack Height	100 mm *(approx. 1000 sheets at 80 g/m² paper)*, defined via profile.
Document Width	60 mm to 317.5 mm
Document Length	60 mm to 1950 mm [1 and 5]
Paper Formats	• ISO formats: A3, A4, A5, A6, A7, B4, B5, B6, B7 • US formats: Ledger, Legal, Letter, Executive, Invoice • User defined format
Maximum Admission Height [2]	• 2.0 mm • with option ''Straight Through Paper Path Elevation'' in four steps up to 5 mm [3]
Paper Weight [4]	30 g/m² to 280 g/m²
Input Control	Mechanical paper separation, Paper Input Detection via five optical sensors and Double Feed Detection via three, separately definable, ultrasonic sensors.
Flow Control	Paper Flow Control *(PFC)* with optional length control.
Scan Areas	Dust-protected by Xensation® glass cover, variable height with switchable Scan Background *(black / white).*

Output Hopper	Automatic tray up to 130 mm stack height with active air extraction, adjustable Paper Stop, asymmetrically adjustable Paper Guides and tray extension for long documents *(max 485 mm).* Rear Output Tray to sort out separator sheets or to handle inflexible documents *(Straight Through Paper Pass).* HighSpeed Stacker Arm [6] for high speed scanning and 2nd Output Hopper for continuous processing [5]
Indexing	Sequential ID and definable event controlled counters for document indexing, integrated patch code and barcode reader *(2/5 Interleaved, Code 39, Code 128…).*
Imprinter	Two integrated inkjet imprinter with ink management for definable print prior to scanning on document front side and after scanning on rear side.
Imprinter HD [6]	• Printing height: 14.2 mm Resolution: 300 / 600 / 1200 dpi • Text size adjustable, up to 4 lines, Barcode printing.
Imprinter digital	Attachable to printed information or freely definable
Daily Volume	Unlimited

Interfaces

Operation	Via Capacitive MultiTouch Communication Panel *(MTCP)* with integrated user management.
Supported OS	Windows 7 / 8 / 10 – 64Bit
Driver	TWAIN™, ISIS®, WIA
Scan PC	USB 3.0 *(socket type B)* for external scan software.
In-/Output	3x USB 2.1 *(socket type A)* for input devices/storage media. Socket DE-9 for service and up to 4 additional input switches.

Technical Data

Power Consumption	max. 600 Watt, Sleep Mode < 1 Watt, Standby Mode = 0 Watt
Electrical Connection	100 - 240 Volt - 50/60 Hz - max. 8 Amp. *(at 115 Volt)*
Environmental Conditions	Temperature: 10 - 35°C Relative humidity: 30 - 80%
Dimensions	• Width: 1280 mm / 720 mm *(without fittings)* Depth: 1330 mm • Height with one Output: min. 1070 mm / max. 1530 mm • Height with 2. Output: min. 1390 mm / max. 1850 mm
Weight	From 190 kg to 240 kg [5]
Noise Emission	Operation ready: max. 45 dB [5] (A) Operation: max. 74 dB [5] (A)

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

[2] Maximum admission height is not equal to the maximum paper thickness. Dependent on the material.

[3] Corresponds to 10 sheets with Z-folded A4 (80g) in a standard envelope C4.

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

[5] Depending on model

[6] Optional

Technical specification subject to change without notice.

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