InoTec

SCAMAX® 8x1

The Power Tower

Production Scanners Made in Germany

Replaces entire open track scanners

Our throughput heavyweight saves you space, time and money. For years to come.

With up to 300 sheets per minute and continuous 24/7 durability, the SCAMAX® 8x1 exceeds the throughput of some open track scanners – with its floor area of just one square meter. That saves space and time. But above all, it saves a lot of money. For its precise and high-grade construction lends this powerhouse not only its brilliant scanning quality along with its user-friendliness, but also a long life-cycle that results in its low overall operating costs for many years.

The SCAMAX® 8x1 is your smart and sustainable selection for the day-to-day scanning and sorting of document quantities in the five- to six-digit range. For many applications, it is the most cost efficient and space-saving alternative to an entire open track scanner. And: it is an InoTec production scanner, Made in Germany.

Arrange for a trial period today. We're looking forward to your call.

Performance Upgrade

More work on the desk?
More power in the scanner!

SCAMAX® 821 | 300 sheets/min.

SCAMAX® 811 | 220 sheets/min.

SCAMAX® 801 | 160 sheets/min.

All the scanners of the SCAMAX® Series can be upgraded at any time on site at your premises. Thus you simply respond to increasing scanning volumes with increasing performance – while enjoying the greatest possible investment security. Another smart idea from InoTec for even more economic and ecological sustainability.

Scanner Performance

Specification for Bitonal/Color 200/300 dpi	SCAMAX® 801	SCAMAX® 811	SCAMAX® 821
SIMPLEX A4 landscape	160 sheets/min. 160 pages/min.	220 sheets/min. 220 pages/min.	300 sheets/min. 300 pages/min.
DUPLEX A4 landscape	160 sheets/min. 320 pages/min.	220 sheets/min. 440 pages/min.	300 sheets/min. 600 pages/min.

The scanning speed is dependent on various factors such as paper size and texture, PC configuration and the scan application.

Speed is a number. Throughput is a fact.

No question about it: the fastest possible scanning speeds are a requirement for time-efficient scanning. Such speeds are significant however only when they are maintained reliably for many hours at a time or during complete shifts. Without stops. And without errors. Only then can high throughput be assured. And only then do we at InoTec name it 24/7 production scanners. Or in other words, if you want to make real headway, you need both speed *and* endurance.

ISO 14001:2015 certified

ISO 9001:2015 certified

InoTec Organisationssysteme

At InoTec we optimize the business processes of our customers around the world with our highly trustworthy production scanners and excellent service. We have been doing this for more than 30 years. And we are still as keen on it as on the first day. Technical precision, long service life and sustainability as well as product and service quality Made in Germany are our commitment to our customers. And the demand we place on ourselves. We allow ourselves to be measured by this. With every single system.

Perfect **Document** TECHNOLOGY

Perfect Document Technology

for complete image processing on board:
among other things, gamma correction, bicubic deskew, cropping and dynamic binarization for perfect bitonal images. In addition, Perfect Document Technology offers functions like multistreaming (simultaneous output of color, grayscale and bitonal images), automatic blank page detection, content based rotation, automatic color detection, patch-code controlled color changeover and much more.

Top Features

Double input system (optional)

with a capacity of 2,000 sheets (1,000 sheets per tray) for continuous paper input and uninterrupted scanning procedures. The intake is effected automatically from the stack or by single page feed. With integrated supports for long documents and asymmetrically adjustable paper guides.

Height adjustable

for ergonomic, effortless operation.
The optimal working height can be easily adjusted to different operators at any time.

Traffic light logic

for fast, intuitive handling.

Imprinter HD (optional)

for imprints of the highest quality at maximum scan speed. Print resolution: 300, 600 and 1,200 dpi. Printing height: 14.2 mm. Text size: adjustable up to 4 lines and barcode printing.

Large 9" MultiTouch Communication Panel (MTCP)

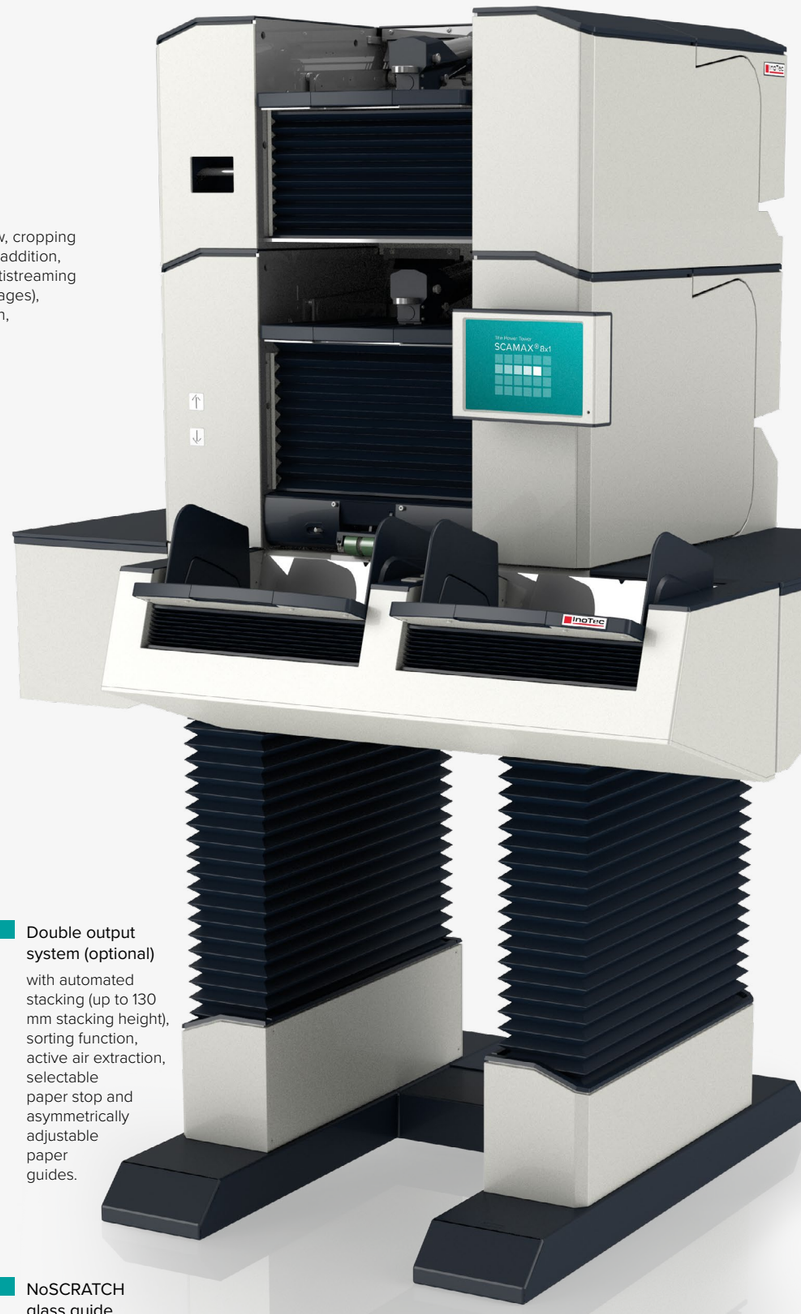
for maximum user friendliness and intuitive operation. With easily understandable pictograms, traffic light logic and clear full text messages.

Straight paper throughput with rear output tray

among other things, for the output of separated documents, e.g. dividers (with admission height up to 2 mm, optional in four steps up to 5 mm), by event control: e.g. by patch-code, counter, document length, barcodes (1D & 2D) etc.

Product videos

Scan the QR code to experience the product features in live operation.



Double output system (optional)

with automated stacking (up to 130 mm stacking height), sorting function, active air extraction, selectable paper stop and asymmetrically adjustable paper guides.

NoSCRATCH glass guide

for guaranteed scratch resistance to paper clips and staples (with a three-year NoSCRATCH warranty on glass guides).

High-speed stacker arm

for controlled stacking of the scanned documents without speed reduction.

TWAIN WORKING GROUP Board Member

ENERGY STAR

Production Scanners Made in Germany

Scanner Specifications

SCAMAX® 801 | 811 | 821

General Technical Specification

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), TIFF 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
Daily Volume	Unlimited
Throughput [5] (by A4 landscape, 200 and 300 dpi, bitonal and color)	160, 220 and 300 (upward models 801, 811 and 821) with upgrade option
Warranty	12 month
NoSCRATCH-Warranty	36 month on glass guide

Image Processing / PDT (Perfect Document Technology)

Image Orientation	Bicubic skewness correction with black border removal and text-oriented alignment
Gamma Correction	3-level correction (color, black, white)
Color Dropout	Up to three color areas definable
Binarization Method	Dynamic with pixel filters and result preview
Stream Control	Based on Automatic Color Detection and/or Event Control (e.g. Patch Code, 1D and 2D Barcode)
Blank Page Detection	Content-based dynamic procedure with two definable impact areas
ICC profiles	Embedding of ICC profiles or conversion to different target color spaces (e.g. sRGB, Adobe RGB1998, eciRGB)

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	56 mm to 317.5 mm
Document Length	60 mm to 6920 mm [1] and [5] Automatic LongDoc mode: extension of the maximum scan length to approx. 15.5 m by internal splitting of the image processing, depending on the selected resolution and chosen paper format
Paper Formats	• ISO formats: A3, A4, A5, A6, A7, B4, B5, B6, B7 • US formats: Ledger, Legal, Letter, Executive, Invoice • User defined format
Paper Weight [3]	30 g/m² to 800 g/m²
Max. Admission Height [2]	• 2,0 mm • With option "Straight Through Paper Path Elevation" in four steps up to 5 mm [4]
Flow Control	Paper Flow Control (PFC) with optional length control
Input Control	Mechanical paper separation, Paper Input Detection via five optical sensors and Double Feed Detection via three, separately definable, ultrasonic sensors
Scan Areas	Dust-protected with NoSCRATCH Glass Guide, variable height (three levels) with switchable scan background (black/white)
Document Output Front	Automatic tray up to 130 mm stack height with active air extraction, adjustable Paper Stop, asymmetrically adjustable Paper Guides, tray extension for long documents (max. 485 mm) and removal aid; HighSpeed Stacker Arm [6] for high speed scanning; 2nd Output Hopper [5], controlled by active switch, for continuous processing
Document Output Rear	Rear output by straight paper path, controlled by active switch, to sort out separator sheets or to handle inflexible documents
Indexing	Sequential ID and four definable, event controlled counters for document indexing, integrated patch code and barcode reader 1D & 2D (e.g. 2/5 Interleaved, Code 39, Code 128, QR Code, Datamatrix)
Imprinter SD	Two integrated inkjet imprinter with ink management for definable print prior to scanning on document front side and/or after scanning on rear side
Imprinter HD [6]	HD imprinter (resolution 300, 600, 1200 dpi) with ink management for up to four lines printing prior scanning on document front side and/or after scanning on document rear side. Printing height up to 14.2 mm and barcode printing
Imprinter Digital	Digital image print. Content linkable to physical printed information and freely definable

Interfaces

Operation	Via capacitive 9" MultiTouch Communication Panel (MTCP) with integrated user management
Supported OS	Windows 7/8 (32/64 Bit), Windows 10/11 (64 Bit)
Driver	TWAIN™, ISIS® (MS61 ISIS compatible), WIA (on demand)
Scan PC	USB 3.0 (socket type B)
Interface	3 x USB 2.1 (socket type A) for input devices/storage media. Socket DE-9 for service and up to 4 additional input switches
Certification	TR-RESISCAN ready

Technical Data

Power Consumption	Max. 800 [5] Watt, Standby Mode < 0,5 Watt
Electrical Connection	100 - 240 Volt; 50/60 Hertz; max. 8 Ampere
Environmental Conditions	Temperature: 10 - 35 °C / 50 - 95 °F Relative humidity: 30 - 80%
Dimensions	Width: 1280 mm / 720 mm (without fittings) Depth: 1330 mm / 1150 mm (with/without Rear Output Tray) 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 [5]: max. 45 dB (A) Operation [5]: max. 74 dB (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] Maximum paper weight can vary and ultimately depend on surface condition and the flexibility of material
[4] Corresponds to 10 sheets with Z-folded A4 (80g) in a standard envelope C4
[5] Depending on model
[6] Optional

Technical changes reserved.

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