

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 InoTec 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-cycle that results in its low overall operating costs for many years.

The InoTec 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.

Scanner Performance

Specifications for Bitonal/Colour 200/300 dpi	InoTec SCAMAX® 801	InoTec SCAMAX® 811	InoTec 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.

Performance Upgrade

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

InoTec SCAMAX®821 | 300 sheets/min

InoTec SCAMAX®811 | 220 sheets/min.

InoTec SCAMAX®801 | 160 sheets/min.

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

A brand of DATAWIN GmbH

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 colour, grayscale and bitonal images), automatic blank page detection, content based rotation, automatic colour detection, patch-code controlled colour changeover and much more.

ISO
14001:2015
certified

ISO
9001:2015
certified

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 symmetrically 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 2mm, optional in four steps up to 5 mm), by event control: e.g. by patch-code, counter, document length, barcodes (1D&2D) etc.
- **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.



Production Scanners made in Germany

Scanner Specifications

General Technical Specification

Scanning Method	CCD line camera
Illumination	LED Illumination (diffuse)
Output Resolution	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
Colour Image	24 Bit, 16.8 million colours (True Colour)
Gray Image	8 Bit, 256 gray levels
Bitonal Image	1 Bit colour depth, bitonal
Daily Volume	Unlimited
Throughput (by A4 landscape, 200 & 300 dpi, bitonal & colour)	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 (colour, black, white)
Colour Dropout	Up to three colour areas definable
Binarisation Method	Dynamic with pixel filters & result preview
Stream Control	Based on Automatic Colour Detection and/or Event Control (e.g. Patch Code, 1D & 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 colour spaces (e.g. sRGB, Adobe RGB1998, eciRGB)

Paper Processing/Handling

Working Height	Motor-driven from 640mm 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
Max. Stack Height	100mm (approx. 1000 sheets at 80 g/m ² paper) defined via profile
Document Width	56 mm to 317.5 mm
Document Length	60mm to 6920mm Automatic LongDoc made: extension of the maximum scan length to approx. 15.5 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	30g/m ² to 800 g/m ²
Max. Admission Height	• 2.0 mm • With option "Straight Through Paper Path Elevation" in four steps up to 5 mm
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 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	HD imprinter (resolution 300,600,1200 dpi) with ink management for upto 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 (32/64Bit), 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.
Certifications	TR-RESISCAN ready

Technical Data

Power Consumption	Max. 800 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: 1280mm/720mm (without fittings) Depth: 1330mm/ 1150mm (with/without rear output tray) Height with one output: min. 1070mm/max. 1530 mm Height with 2 Output min 1390mm/max. 1850 mm
Weight	From 190 kg to 240 kg
Note Emission	Operation ready: max. 45 dB (A) Operation: max. 74 dB (A)

- Restrictions in relation to image processing settings and resolution are possible
- Maximum admission height is not equal to the maximum paper thickness. Dependent on the material.
- Maximum paper weight can vary and ultimately depend on surface condition and the flexibility of material
- Corresponds to 10 sheets with Z-folded A4 (80g) in a standard envelop C4
- Depending on model
- Optional



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