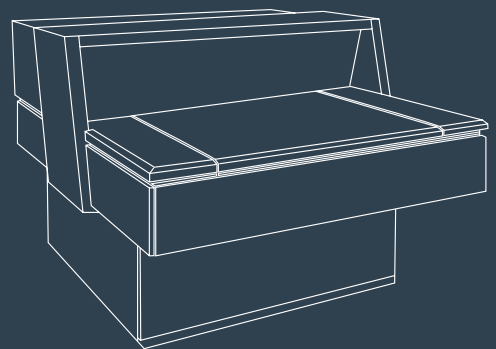


EskoScan Your password to CtP



ESKO | graphics⁺
EXPECT MORE

EskoScan Your password to CtP

A vital component of every CtP workflow



EskoScan 2024+

Film separation or pre-screened prints are still a part of today's prepress workflow. Going CtP requires a 100% electronic paginated workflow – EskoScan delivers what you need.

Our EskoScan scanners have been in production since 1991. Today more than 2000 installations prove their productivity and reliability. The EskoScan family ranges from 13x18" to 36x48" in size.

No matter what size, turnover or price you are looking for, Esko-Graphics has the scanner that fits your needs.

**The EskoScan family includes
the following models:**

F14, 2024E+, 2024+, 2024S+, 2024SE+, 2330, 2636+, 2636S+ and 3648+.

X-Y scanning

To capture high resolution throughout the entire scanning area, the EskoScan family is based on XY two-dimensional scanning.

High resolution – High speed

The latest models in the EskoScan range – 2024+, 2330 and 2636+ – not only ensure high-quality scanning, but they boost productivity by a noticeable 25%.



EskoScan 2330



EskoScan F14

Unique combination

The EskoScan F14 is with its unique combination of color and CopyDot scanning designed to meet the requirements of small and medium size operations. In terms of productivity EskoScan F14 is one of the fastest multi-purpose scanners on the market.

Predictable output

The auto registration software, the rotating copyboard and ATMF guarantee consistent and predictable output from EskoScan.

Area Adaptive

Threshold & Moiré Suppression

One of the key issues facing CopyDot scanners is how to prevent visible moiré from occurring when digitizing prescreened originals.

EskoScan offers an alternative solution called Moiré Filter, which applies a filter to the critical separation.

Moiré Filter works in conjunction with another feature – Area Adaptive Threshold – that also contributes to the improved reproduction quality. By setting up individual thresholds in highlight, mid-tone and shadow areas, the scanner is able to maintain all original dots from 1% to 99%.

The scanner application program also allows individual threshold setting for each separation. This feature can be used to change the color balance of an image, among other things.

The Adaptive Threshold feature may also be used to compensate for non-linearity and dot gain in subsequent processes such as imagesetting or platesetting – very critical issues in the digital workflow.

Automatic Registration

& Rotating Copyboard

To achieve perfect CopyDot results, alignment of film separations is crucial. This is why EskoScan is equipped with automatic registration software. The key benefit of automatic registration is that it makes accurate mounting less critical and saves time in the job preparation process. To achieve alignment, the software aligns the separations vertically and horizontally by means of automatic pattern recognition. Thus regardless of whether the separations are mounted on the same sheet or on multiple sheets, perfect alignment is always guaranteed.

Registration software works in tandem with the rotating copyboard – a feature, no other scanner on the market can offer. The purpose of a rotating bed is to compensate for misalignment in the mounting process. The bed is rotated mechanically and rotational errors of up to +/- 0.30 degrees may be corrected.

Rotation is carried out prior to scanning which is a great advantage because it preserves the quality of fine text or line detail.

PERfection 3.0

In many ways *PERfection* can be compared to other well-known dtp programs. The program does, however, have some major advantages when it comes to integrating prescreened material into digital production flows.

PERfection opens bitmap files – compressed and non-compressed. In addition, it displays composite color images based on multiple bitmap files, it edits multiple color files simultaneously – including spot colors, it brings bitmap files into register, and it has no size limitation. And finally, *PERfection* has several built-in filters, which will save you time and effort in the retouching process

PERfection fits right into Esko-Graphics product range, which includes prepress devices - from input to output. *PERfection* serves as a retouching station for CopyDot files and the potential customers are commercial printers, repro houses, advertising agencies and newspapers. Their common requirements are incorporating films in digital workflows via CopyDot scanning, ensuring a high reproduction quality and keeping the deadlines - *PERfection* easily overcomes all three requirements.



Flexibility and Possibilities

Apart from CopyDot, the EskoScan is one of the most flexible scanners on the market today, opening a wide range of possibilities for you.

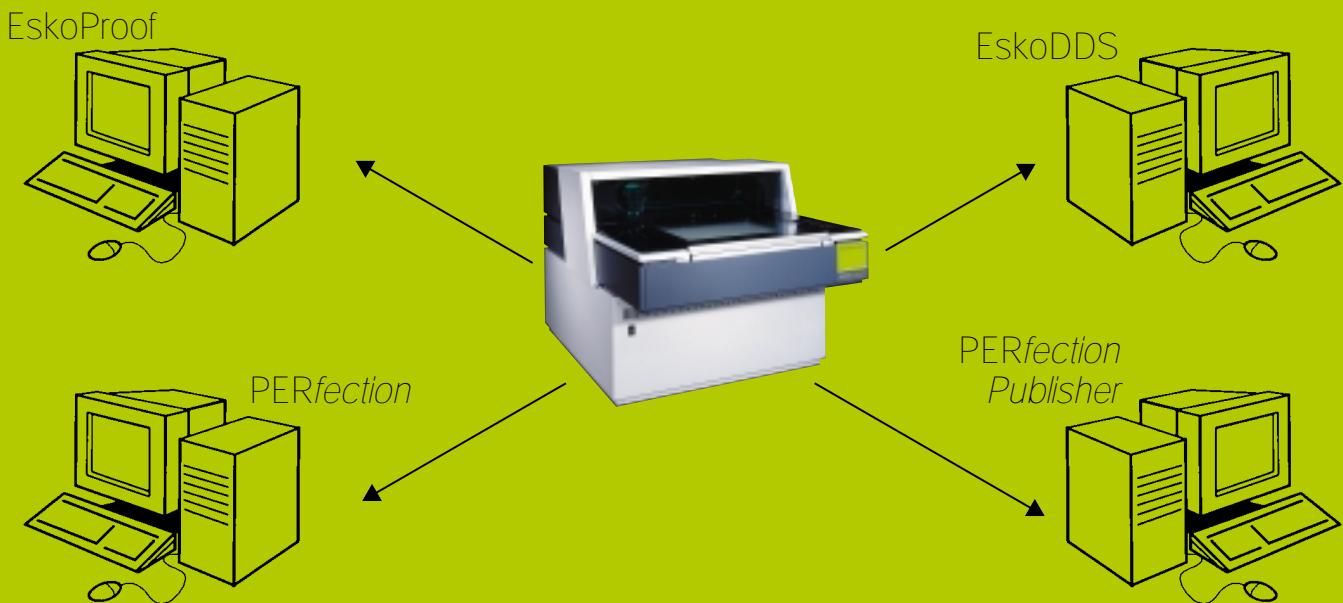
EskoColor

EskoColor allows you to scan high-quality color scans in an easy and consistent way. EskoColor is based on ICC profiles, a market standard, which is compatible with other software programs.

DDS and Eskoproof

Our descreening and proofing software converts prescreened material, black and white or color separation into continuous tone, enabling you to proof or perform unlimited retouching.

The software eliminates the screen with a mathematical algorithm – without defocusing – which results in no loss of quality.



ATMF

Adaptive Threshold and moiré filter enable you to reproduce all original dots from 1-99% while avoiding moirée pattern.

EskoColor

There is more! By adding EskoColor you can transform your EskoScan into a high-quality color scanner.

AutoRegistration

Save time and money with our unique Auto-Registration. AutoRegistration recognizes registration marks or image details to align and rotate separations automatically on the fly.



In March 1999 Esko-Graphics (former Purup•Eskofot A/S) received the Seybold Editors' award for pioneering the CopyDot market in the early 90s with the EskoScan CopyDot scanner.

Esko-Graphics references

Quebecor World, Canada

USA Today, USA

Los Angeles Times, USA

Chicago Tribune, USA

RR Donnelley, USA

Offset Paperback, USA

Sun Sentinel FL., USA

Argauer Tagblatt, CH

Dagens Nyheter, S

Berlingske Tidende, DK

Politikken, DK

Kort og Matrikel styrelsen, DK

Daily Mail, UK

Stephen Austin, UK

Clays Limited, UK

Life Computers, UK

Financial Times, UK

Cox & Wyman Magazine, UK

London Pre Press, UK

Nice Matin, F

Le Parisien, F

Het Telegraaf, NL

Berliner Zeitung, D

Münchener Merkur, D

Zeitungsgruppe WAZ, D

Chemnitzer Verlag u. Druck, D

Axel Springer Verlag, D

www.esko-graphics.com

MAIN OFFICES:

Esko-Graphics

Tramstraat 69
B-9052 Gent
Belgium
Tel.: +32 9 216 92 11
Fax: +32 9 216 94 64
info.eur@esko-graphics.com

Esko-Graphics

Industriparken 35 – 37
DK-2750 Ballerup
Denmark
Tel.: +45 4473 6666
Fax: +45 4473 6767
info.eur@esko-graphics.com

Esko-Graphics

1955 Vaughan Road, Suite 101
Kennesaw, Georgia 30144
USA
Tel.: +1 770 427 5700
Fax: +1 770 427 7844
info.usa@esko-graphics.com

Esko-Graphics

Block 750C Chai Chee Road
#01-07/08 Technopark @ Chai Chee
Singapore 469003
Rep. of Singapore
Tel.: +65 6241 21 26
Fax: +65 6446 20 90
info.asia@esko-graphics.com

Esko-Graphics

721 Crossroads Court
Vandalia, Ohio 45377
USA
Tel.: +1 937 454 17 21
Fax: +1 937 454 15 22
info.usa@esko-graphics.com

Esko-Graphics

Y-M Shinjuku Bldg. 5F
4-1 Yotsuya 4-Chrome, Shinjuku-ku
Tokyo, Japan 160-0004
Tel.: +81 3 5363 0972
Fax: +81 3 5363 0974
info.japan@esko-graphics.com

For additional sales offices and distribution partners, please see our website:
www.esko-graphics.com/contact.asp

Esko-Graphics – two strong heritages Barco Graphics and Purup-Eskofot

ESKO | **graphics**⁺
EXPECT MORE