

Preproofer –
the low cost way to double-sided proofs

Double Room

The new Preproofer 745, 788, 945 and 988 deliver double-sided proofs fully automatically in top quality and at peak performance. The unique concept is based on the latest Epson Stylus Pro generation, and at up to 16 double-sided proofs per hour, Preproofer is the fastest system of them all.



Top Technology from Epson

The new Preproofers use the leading technology of the latest Epson Stylus Pro 7450, 9450, 7880 and 9880 models. The Epson Stylus Pro 7450 and 9450 with dual CMYK configuration are tuned to maximum performance, while the eight-color Epson Stylus Pro 7880 and 9880 systems deliver brilliant output

quality. The Preproofer now uses bidirectional SNMP control and reacts in real-time to printer-readiness status messages (ink cartridge level, paper end, production progress, etc.).

Free Fall to a Spot Landing

DI-Plot software has been proven a thousand times over and delivers the

proof data from the RIP imaging device in the specific printer resolution. A minimum of mechanical parts means maximum operating security and ease of use. The simple concept functions on the roll-to-sheet principle with no sheet turning: after the cutting sequence, the sheet (printed on one side) reaches the lower printing system in free fall, solely under its own weight. Precision electro-optical alignment of the front edge guarantees perfect, on-the-spot registration between the front and back side.

The Fastest Double-Sided Proofer

With the 7450 (4-up) and 9450 (8-up) printers, the Preproofer delivers up to 16 double-sided proofs per hour in the classic 360 x 360 DPI resolution. That makes it the fastest proof system on the market, and predestined for the production of double-sided imposed proofs when high performance at top quality is the order of the day.



The Preproofers are controlled by DI-Plot bitmap software and use leading Epson Stylus Pro 7450, 9450, 7880 and 9880 inkjet printer technology.



An Extended Gamut and Stable Gray Balance

The Preproofer 788 and 988 models combine efficiency for double-sided formproofs with color-accuracy for contract proofs. In addition to cyan, light cyan, yellow and two gray tones, the eight color set is now based on Vivid Magenta and Vivid Magenta light. The high-pigment UltraChrome-K3 inks lead to more saturated color tones and a clearly extended color gamut. Apart from the production of proofs according to FOGRA 39/ISO Coated V2, the simulation of a large number of special color tones is now also possible. Moreover, there is far better stability in the gray balance and a significantly reduced metamerism effect.

Top Performance, Low Consumption

All four models in the new Preproofer series use Epson's new micro-piezo printing heads. When it comes to size, shape and positioning, the drop-on-demand principle enables high-precision control of the ink droplets. Thanks to subject-related variation of the droplet size, the printing process is much faster and there is a correspondingly significant saving in inks.



Configuration, Preproofer 745/945/788/988

1x Kit DIL Preproofer

Software package DI-Plot.
Stand-rack and guide unit for the Epson Stylus Pro 7450, 7880, 9450 or 9880 printers.
Electronic control unit for Preproofer 6'/15 cm core adapter for the «Mediaware DIL Preproofer» paper range from Tecco (24"/61 cm or 44"/111 cm width)

2x Large-Format Epson Printers

In each case two Preproofer-matched Epson Stylus Pro 7450 (C11C594011) Stylus Pro 7880 (C11C594001) Stylus Pro 9450 (C11C595011) or Stylus Pro 9880 (C11C595001)

The printers must be connected via Ethernet ports.

1x PC

CPU Intel Core 2 Duo, 2.x GHz, 2 GB RAM, 80 GB hard disk, 10,000 RPM, 19" TFT monitor (Touch screen recommended), USB, 2x Ethernet

Specifications for Preproofer 745/945/788/988

Supported Resolutions (DPI)

360 x 360 HighSpeed, 360 x 360 Standard, 720 x 360, 720 x 720.

Epson Stylus Pro 7880 and 9880, also 1440 x 1440. Printing can be selected between unidirectional or bidirectional.

Printing Method

Inkjet, drop-on-demand, piezo technology

Printers Used

In each case Stylus Pro 7450 (C11C594011) Stylus Pro 7880 (C11C594001) Stylus Pro 9450 (C11C595011) Stylus Pro 9880 (C11C595001)

Printer Connection

Integrated Ethernet port

Operating System

Microsoft Windows XP Professional or Vista Business

Production Speeds

Double-sided sheets per hour,
360 x 360 DPI standard formproof quality
Preproofer 745: max. 16 forms, 50 x 70 cm
Preproofer 788: max. 12 forms, 50 x 70 cm
Preproofer 945: max. 16 forms, 70 x 100 cm
Preproofer 988: max. 12 forms, 70 x 100 cm

Repeatability

+/- 1 mm

Job Size

Preproofer 745 and 788:
min. length 70 cm/27,5", max. length 90 cm/36", width 61 cm/24"
Preproofer 945 and 988:
min. length 70 cm/27,5", max. length 90 cm/36", width 111 cm/44"

PC Ports

Ethernet

Paper

24"/61 cm width for Preproofer 745 and 788
44"/111 cm width for Preproofer 945 and 988
«mediaware DIL Preproofer DUO»
Tecco® papers from www.tecco.de

Recommended Ambient Conditions

Temperature 73° F/23° C
40–50% relative humidity
Zero condensation