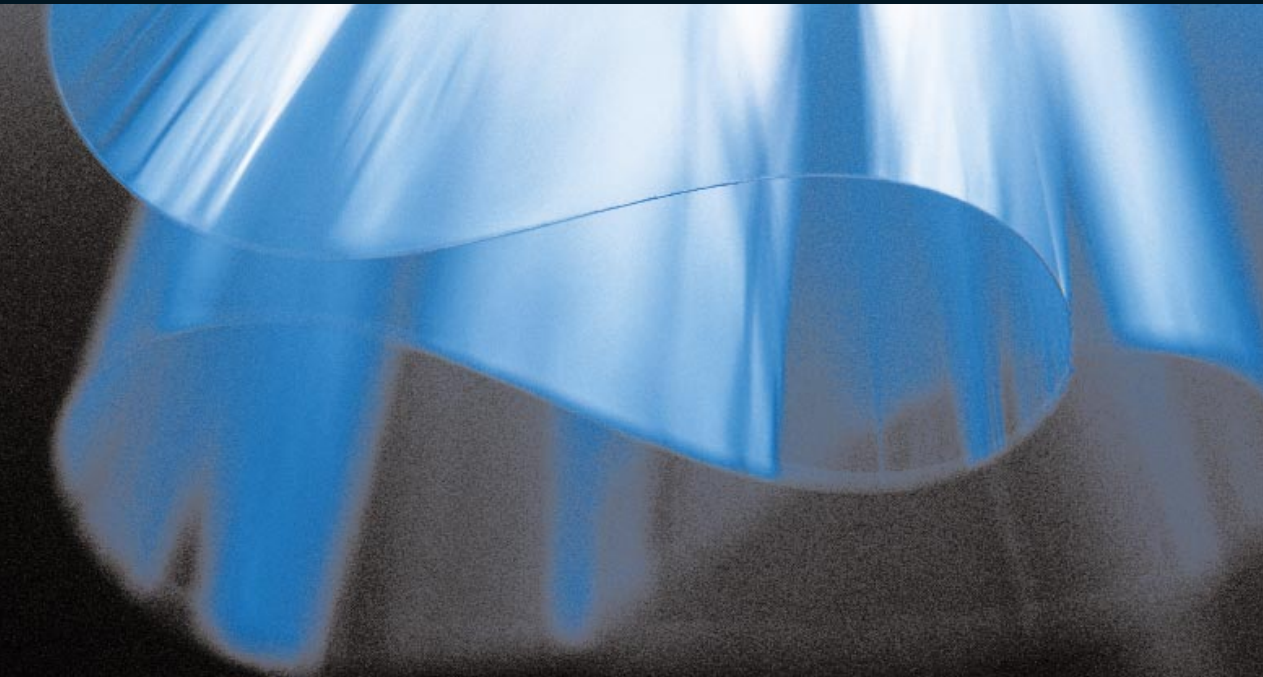


DotMate 2-Up Film



 **Purup·Eskofot**



The perfect all-around imagesetter

With its unprecedented price/performance ratio and high technical standard, the DotMate 4900™ internal drum imagesetter is the perfect choice for those who need a dedicated A3-format or U.S. tabloid imagesetter as well as for anyone who wants a compact, affordable, but high quality unit. The DotMate 4900 is a true 2-up imagesetter, able to set two single A4 or 8.5" x 11" pages side by side, including crop marks.

Engineered for quality and speed

Like all DotMate imagesetters, the DotMate 4900 is engineered for clean, sharp, high precision output. Spot size is intelligently—and automatically—adjusted to the chosen output resolution, and repeatability is very high. At the same time, the DotMate 4900 is a clear winner on speed. Its 30,000-rpm spinner, uniquely optimized media transport system and

Fast SCSI 2 interface, as well as a data buffer that ensures a constant smooth flow of data from workstation to RIP to imagesetter, all contribute to the DotMate 4900's impressive throughput.

Flexible to fit your needs

An unusually wide choice of output resolutions—from 900 to 3600 dpi—gives you the flexibility of adapting the resolution to the job at hand: At the maximum resolution, even very high screen rulings are easily generated, while the lower resolutions give you extremely high output speeds for less demanding tasks. The choice of output media is flexible, too: both hard dot film, conventional RA film, and RC paper are supported.

Design that makes a difference

The DotMate 4900's attractive ergonomic design gives you easy access from the front of the machine to both the supply and take-up cassettes, at a comfortable working

height. The unit can be placed on an existing table or on the optional, specially designed floor stand, and the RIP can be situated up to 10 meters away. The DotMate 4900's low-noise spinner makes it a welcome addition to any working environment, and its modular construction also makes it very service-friendly.

The best available RIP, made even better

The DotMate 4900 is functionally integrated with Purup-Eskofot's RipMate™ software RIP. Based on industry-leading Harlequin technology and enhanced with Purup-Eskofot's unique extra features, RipMate handles input, interpretation and output of different jobs simultaneously, for maximum throughput. Key RIP and imagesetter functions can be monitored from any workstation in your network.



DotMate 2-Up Film

SPECIFICATIONS

Imaging technology

Internal drum

Light source

675-nm, 10mW visible red laser diode

Max. exposure area

35.5 x 49 cm / 14" x 19.3"

Resolution

900 - 3600 dpi, in 18 discrete steps

Screen ruling

Up to 118 lines per cm / 300 lpi

Speed of exposure

At 2540 dpi:
1441 cm² / 223 sq. in. per min.
32 full-format films per hour
At 1200 dpi:
3050 cm² / 472 sq. in. per min.
50 full-format films per hour

Spot size

8-26 microns, automatically matched to the chosen resolution

Repeatability

+/- 5 microns

Output material

Film and paper

Material loading

Daylight cassette

Material width

35.5 cm / 14"

Capacity of supply cassette

60 m / 197 feet

Capacity of take-up cassette

10 m / 33 feet

Material handling

Automated daylight loading

Dimensions (WxHxD)

104.5 x 52 x 84 cm / 41.1" x 20.5" x 33.1"

Weight

80 kg / 176 lbs

Power consumption

250W, 100/120/220/240VAC, 50/60 Hz

Ambient temperature

18 - 25°C / 65 - 77°F

Relative humidity

40-70%

Data interface

Differential Fast SCSI-2

RIP

RipMate software RIP (please see the RipMate specification sheet for details)

Options

Extra take-up cassettes
Extra input cassettes
Floor stand

