



- 42-inch inkjet printer for color separation, poster, dye sub and CAD markets
- New incorporated Intelligent Interweaving (I²) "wave" printing technology
- New stand--extra 10" inches in height for added support and sturdiness
- High output speed--up to 400 sq feet per hour in high speed mode
- Incorporates new generation "wide model" piezo printhead
- Four color drop-on-demand variable dot single printhead with smallest dropsize of 3.5 picoliters
- 360, 720, 1440 and 2880 dpi resolutions
- New Optional motorized take-up system for unattended printing

Overview

Screen printers have longed for a printer to be developed specifically for their needs. Imagine an inkjet printer which does color separations, posters and a variety of other application and you have the GO dMax PRO Printer.

Developed specifically for the screen print color separation market, GO's dMax PRO printer works perfectly with dMax 4 film, the leading inkjet color separation film in the market. Additionally, GO's dMax 4 pigment ink is revolutionary in that the black ink offers the ability to image both density for color separations and rich blacks for color printing. Coupled with GO's dMax ink, the printer is usable for both color separations and posters, and the ink does not have to be switched.

dMax PRO Printer

Having a size of 42-inches, along with a new "wide model" printhead technology configured to output high quality color separations at a speed unimagined a few years, GO's dMax PRO printer is perfect for screen printers. The new printhead incorporates high resolution four color printing into one long lasting printhead. With a capability to image from 360 dpi up to 2880 dpi with variable drop capabilities, not only will you have outstanding separations, but poster prints will be vividly imaged using the new Intelligent Interweaving (I²) wave printing technology which provides increased print speed and virtually eliminates banding for exceptional image quality.

With the ability to image both roll and cut sheet films and media, GO's dMax PRO printer offers other industry leading capabilities including print head height adjustments, step adjusts and vacuum fan strength adjustments. These capabilities enhance the ability of the dMax PRO printer to image at high quality modes of 720x720 at up to 100 sq. feet per hour, along with a 360x360 high speed mode of up to 400 sq. feet per hour, the unit is much faster than competitive offerings.

Available as an option with the dMax PRO is the new motorized take-up system for unattended printing and Wasatch SoftRIP, the market's leading industrial SoftRIP.



dMax PRO Printer

SPEC SHEET

dMax 4 Film

GO's dMax 4 Film has quickly become the leading waterproof color separation film in the market. GO's dMax 4 starts with a 4 mil polyester film base for dimensional stability with the back coated with an antistatic layer. The front layer starts with a density primer for enhancing density, an ink absorption layer, a waterproof layer followed by a microporous coating. The OptiCoat technology results in an outstanding inkjet color separation film not offered by others.

Most importantly, the reason dMax 4 Film has become a leader is a combination of high density for screens, quick drying, waterproofed images for reuse and value pricing. There is no better value in the screen print market.

dMax Pigment Ink

GO's high quality dMax pigment inks are one of the first to use self dispersing technology for trouble free printing. With the combination of a unique resin, the ink bonds and penetrates microporous coating and forms a chemical bond which makes the image scratch resistant. Rivaling traditional OEM inks, the color gamut of our inks is wider than dye and has a much higher density. Whether you are printing high quality posters or doing color separations, you will be happy with the results.

Wasatch SoftRIP SP

GO's dMax printer will revolutionize the production of color separations for screen, flexo and litho printing. Wasatch software has led the way with the features you need to be successful with this type of printing. SoftRIP SP is the industry leading solution for inkjet color separations and is available as an option with the dMax Printer.

Other Applications

dMax PRO can also be used for other applications whether it be for CAD, dye sublimation or any other aqueous applications. GO's dMax PRO is one of the most versatile printing systems available.

Product Name	dMax PRO Printer	
Size	42 inches / 1.08 meters	
Media Width	42.5 inches	
Printing Width	42.2 inches	
Nozzle Configuration	Four colors (360 nozzle per head) in one printhead	
Print Quality Resolution	360 dpi to 2880 dpi	
Print Speed Maximum	400 ft ² /hr	
Ink Details	GO dMax (C, M, Y, K,) / PhotoProof Inks	
Paper Gap (Low/High)	1.3mm / 2.1mm	
Distance Accuracy	0.1%	
Interfaces	USB 2.0 & Ethernet 10 / 100	
Memory	256 Mb	
Emulations	HP-GL, HP-GL2 & RTL-Pass	
Noise Level	< 53 dB	
Width x Depth x Height	69 x 26 x 48 inches	
Maximum Weight	172 lbs	
Product Warranty	1 Year	

