PRINTEX®
MARKING TECHNOLOGIES

G2-DTP DIRECT TO PLATE LASER

DIRECT TO PLATE IMAGING OFFERS THE LATEST IN LASER AND PHOTOPOLYMER TECHNOLOGIES

Eliminating the need for film or chemistry, the G2-DTP from Printex offers long-life high-quality solutions to pad printing prepress plate making. This innovative direct-to-plate technology allows operators to go direct from computer to plate while maintaining high image quality and resolution. Eliminating the need to output artwork to film and conventional photo-polymer plate process, this process saves time, and is less expensive than conventional photopolymer pad printing plate technology.

Printex's technology was developed in an exclusive partnership with Epilog Laser. Employing the best innovation of laser technology, and proprietary driver. This product is compatible with Adobe Illustrator and Corel Draw programs. Combined with the highest quality laser engravable polymer plates, Printex offers the user a simple and reliable option to conventional artwork/plate processing.

G2-DTP FEATURES

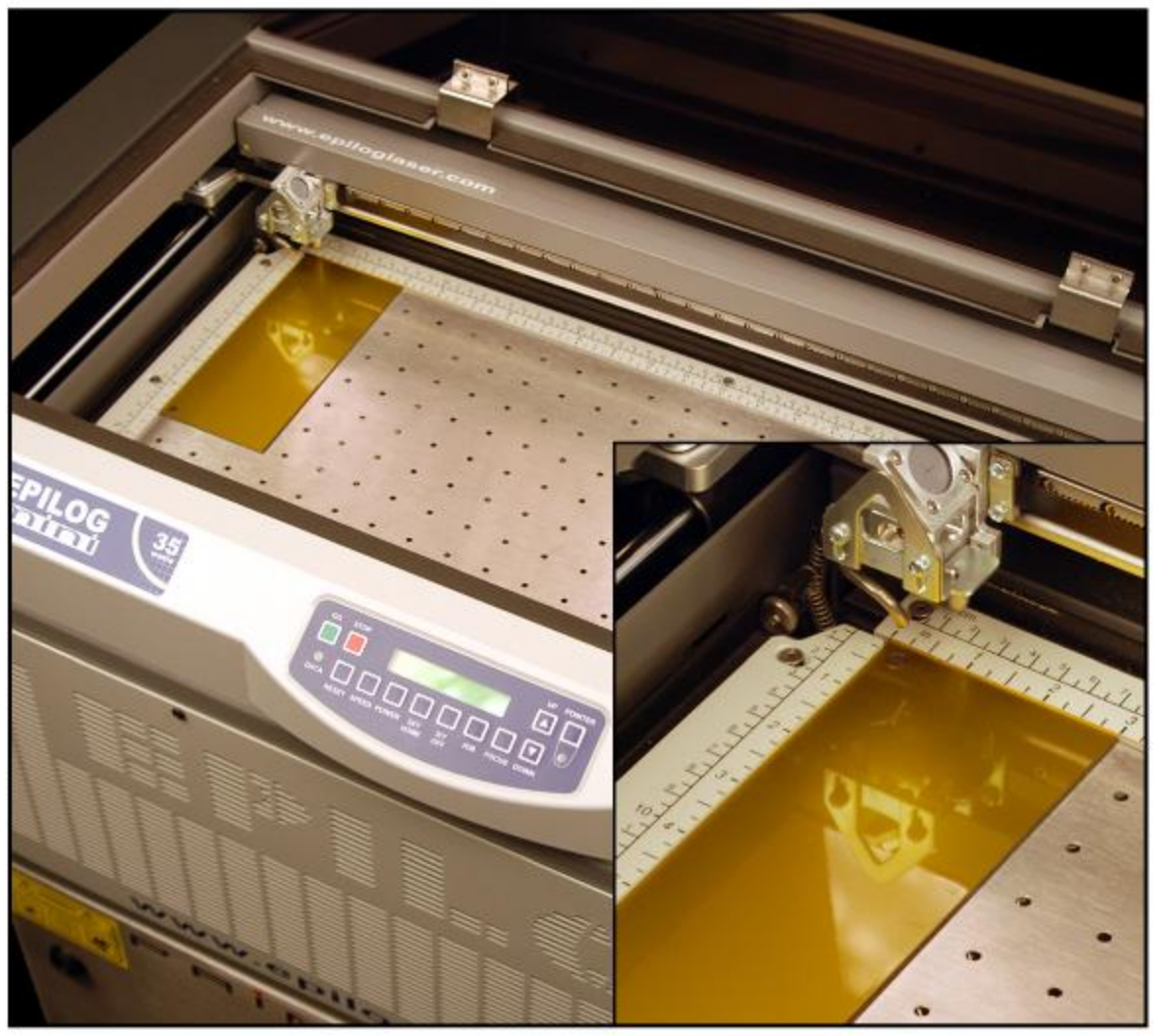
- Uses magnetic base polymer plates
- Produces from 3 pt. fine to bold text, 1/3 pt. line thickness to large solids
- High Resolution Screened Artwork Image Area
- Up to 16 graphic settings per artwork
- Red dot pointer, air assist, auto focus, integrated vector grid, Radiance™ High Energy Optics
- Easy-to-use control panel
- Linear encoders provide critical timing information to synchronize the motion control system providing amazing engraving detail
- NeverWear™ stainless steel bearings offering fast, smooth and worry free fast speeds
- Waveguide laser tubes which provide the roundest beam with the most consistent power

BENEFITS

- Laser plates can be cut to any size required
- Works well in open ink well and closed cup systems
- Short or long runs possible
- Low noise level— barely noticeable
- Engraves at resolutions from 75-1200 dpi
- Easy to use, interfaces to most Graphic Arts Vector Based programs
- The most accurate positioning of the laser for high accuracy and precision
- Less steps— saves time
- Can hold plates up to 24 X 12
  Low cost, high quality technology

tel: 858-513-2418 • fax: 858-513-2419 • toll free: 800-982-1928 • www.printexusa.com

G2-DTP DIRECT TO PLATE
TECHNICAL SPECIFICATIONS



Maximum Engraving Area	24”X 12” (610 X 305 mm)
Maximum Material Size	24” x 12” (610 x 305 mm)
Laser Tube Wattages	35, 40 and 45 watts
Laser Plate Material	Magnetic based polymer material, cut to any size, ready for laser engraving
Z-stroke	Holds items up to 8” tall (203mm)
Intelligent Memory Buffer	Store unlimited files up to 64 MB. Rolling buffer allows file of any size to be engraved
Motion Control System	High-speed, continuous-loop, DC servomotors using linear and rotary encoding technology for precise positioning
Laser Source	State-of-the-art, digitally controlled CO2 laser tubes are fully modular, permanently aligned and field replaceable
X-Axis Bearings	Ground and polished stainless steel NeverWear™ Bearing system
Belts	Advanced B-style doublewide Kevlar precision drive belts
Resolution	Up to 1200 dpi
Graphics Setting	User-friendly pre-selected screen palette for screened text and graphics applications
Graphics Mapping	Up to 16 different settings per artwork
Print Interface	10 Base T Ethernet or USB connection. Compatible with Windows 2000/XP
Size	35.5” W X 24.5”D X 16” H (876 X 572 X 406 mm)
Weight	90 lbs (41 kg) - 120 lbs (55 kg) with stand
Electrical Requirements	Auto-switching power supply— 110 to 240 volts, 50 Hz, single phase, 15 amp AC
Ventilation System	External exhaust to the outside required. There is 1 output port, 4” in diameter
Options	Self contained filtration system, mini floor stand, Air Compressor, rotary attachment, vector pin table

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