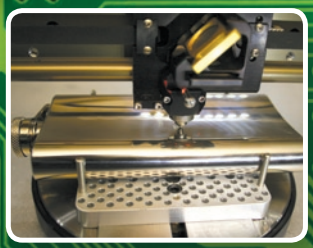
BELIEVE THE HYPE



Introducing the World's first 2 in 1 laser and diamond drag engraving system

That's right, Xenetech has again led the way by combining CO_2 laser engraving and cutting capabilities with traditional diamond drag or scratch engraving in a single futuristic table top unit.

Think about it for a moment ... the possibilities are endless.

- Colour touch screen control panel
- Engraving speeds from .001 to 75ips
- Large 12" x 18" engraving area
- State-of-the-art motion system
- Lifetime bearing warranty
- Custom high-speed stepper motors
- Easy change optic system
- Xenetech professional engraving software

DUO
XENETECH 1218

HYBRID ENGRAVING TECHNOLOGY

VCS COMMUNICATION SOFTWARE

UNEVEN SURFACE ENGRAVING

FIRMWARE & SOFTWARE UPDATES

LIFETIME BEARING WARRANTY

REMOTE ASSISTANCE

NETWORKABLE

Defining Features

An investment in a XLS 1218 Laser/Diamond Drag Engraving/Cutting System begins with top-of-the-line performance and a wide variety of features and enhancements including:

- Engraving speeds from .001 to 75 ips with travel speeds up to 75 ips.
- 30 and 40 watt models (all power measured at the lens at the farthest point form the tube)
- Large 12"x 18" (cutting area) engraving area with 4 ¾ " of clearance; Honeycomb core table for strength.
- Revolutionary color touch screen control panel featuring:
  - Pause/Cancel
  - Table up/down Control
  - Speed Control
  - Power Control
  - Auto-focus; choose focus location on odd shaped pieces
  - Job preview with zoom
  - Save up to 8 different home positions for X, Y and Z, for use with cylindrical fixture, vector table, etc.
  - Real time job timer
  - Job queue that loads jobs and job information from any computer on the network
  - End of job signal on/off
  - Red diode pointer on/off
  - Direct import HPGL control
  - Air assist on/off
  - Exhaust blower delay at the end of the job exhausts gasses
  - Imperial and metric settings
  - Mottle settings to control laser pulsing during raster
  - Diagnostics for feedback on functionality of system components
  - Rubber stamp mode
  - Preheat for slower tubes
  - Diamond drag mode
- State-of-the-Art motion system featuring:
  - Precision screw rail driven Y-axis
  - Dual laser engraving and diamond drag (scratch) engraving capability
  - Adjustable belt tension for the ultimate fine tuning
  - Light weight components that allow the fastest acceleration and fastest speeds in the industry
  - Double break design limit switches that are protected from moisture and dust by a silicon rubber boot
- Superior bearings:
  - Minimal lubrication required (y-axis)
  - Push debris off of the rail as the machine runs
  - Significant speed capabilities over recirculating ball bearings
  - Unrestricted acceleration
  - Larger contact surface than point contact recirculating bearings
  - Low friction coefficient
  - Abrasion resistant
  - Reduced mechanical vibration
  - Chemically resistant to alcohol, fuel, strong alkali, and most weak acids
  - Operating temperatures on board self test – check for BC problems
- Custom wound high-speed encoded stepper motors
- Easy change optic system including:
  - Mirrors and lenses rated up to 500 watts
  - Color coded optic holders for different mirrors and lenses.
  - Ability to remove optics for cleaning or replacement without losing alignment
  - Quick align design for beam alignment
  - Interchangeable tube design including:
  - The highest quality tubes on the market
  - Ability to replace tube assembly
  - Tube assembly includes laser tube (30-40 watt) RF unit if separate, and power supply
- State-of-the-Art cabinet design including:
  - Rigid structural design to maximize strength while minimizing weight
  - Exhaust design placement and cabinet seal for maximum air flow across engraving area
  - All stainless steel hardware to prevent corrosion
  - Futuristic cabinet design with emergency stop button and "laser on" indicator mounted on the exterior front panel
- High Speed, continuous motion controller
- User controlled Red diode pointer for proofing and positioning beam. Fires while engraving or can fire at all times
- Motorized table height adjustment
- Four point table mount for stability positioned with leadscrew rails
- Protection from laser beam (class 1)
- End of job signal
- Cylindrical engraving attachment (optional)
- Xenetech Graphic Workstation Software: XGW-32 (see full catalog for software features)
- Xenetech 32-bit Print Driver
- Laser cutting table (optional)
- Ethernet communications

DUO
XENETECH 1218

Specifications

Table surface area: 12" x 18"
Engraving area: 216 sq. in.
Machine weight: 127 lb (58 kg)
Shipping weight: 151 lb (69 kg)

Z-clearance:
For 1.5" focal length lens - 5.75" (146.05 mm)
For 2.5" focal length lens - 4.75" (120.6 mm)
(Note: even larger clearance with table removed)

Accessories included:
Ships with laser accessory kit and Xenetech Graphic Workstation Professional Engraving Software: XGW-32

Overall Dimensions:
Width: 29.8" (756.92 mm)
Height: 19" (482.6 mm)
Depth: 23.8" (604.52 mm)

Call for further options and specifications