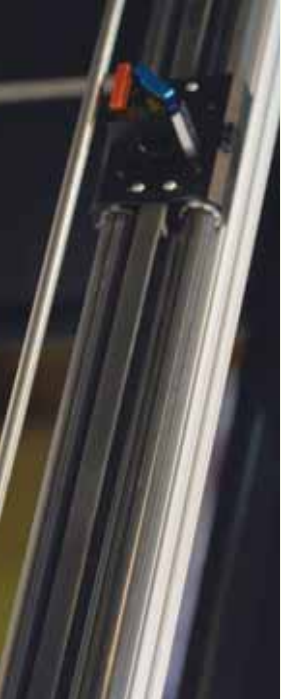


Precision, high-speed, low maintenance motion system with lifetime bearing warranty



Industrial locking casters, rated over 200 lbs a piece, provide the ultimate foundation.



All optics are mounted in color coded holders that can be removed and replaced without affecting beam alignment.



Gas struts hold the lid open for easy access.



Outstanding raster and vector engraving quality



XLT & XLE 1325 Laser Engraving System

FOR MAXIMUM PRODUCTIVITY AND VERSATILITY



Touch screen keypad: On-board control panel gives total and real time control of the job, such as: on-the-fly speed and power changes, scroll-through job queue, job preview, pan and zoom, job recall, end-of-job signal, positioning, statistics read out, and more.

LASER



Specifications Table surface area: 13" x 25" (330.2 x 635 mm) • Engraving area: 325 sq. in. • Machine Weight: 275 lbs. (124.85 kg) • Shipping Weight: 520 lbs. (236.08 kg) • Maximum Z travel: 10" (254 mm) • Ships with laser accessory kit and Xenetech Graphic Workstation Professional Engraving Software: XGW-32 and Print Driver • Dimensions: Width 41.5" (1054.1 mm), Height 38" (965.2 mm), Depth 27" (685.8 mm) • Call for further options and specifications

Breaking the speed barrier.

Xenetech has applied its 20 years of motion control experience to engineer a low-maintenance motion system capable of engraving speeds of 150* ips.

* 150 ips available only on systems with 60, 80 or 100 watt laser tubes. 120 ips for all other XLT models.

FOR PRICING, TECHNICAL SPECS OR ORDERING: 1-225-752-0225

Front and back panels are quickly removed to provide easy access for material placement.



Heavy duty servo motor with a peak power of 614 Watts, and a peak torque of 164 oz. inches.



XLT Defining Features

- Engraving and travel speeds from .001 to 150 ips
- 30, 40, 60, and 80 watt air cooled models, and 100 watt water cooled models (all power measured at the lens at the farthest point from the tube)
- Heavy duty servo X-axis motor with a peak power of 614 watts and a peak torque of 164 oz. inches

XLE Defining Features

- Engraving and travel speeds from .001 to up to 75 ips.
- 10, 25, 30, 40, 60, and 80 watt models air cooled models and 100 watt water cooled models (all power measured at the lens, the farthest point from the tube)
- Custom wound, high speed, encoded stepper motors

Features for both the XLT & XLE 4325. An investment in these Laser Systems begins with top-of-the-line performance and a wide variety of features and enhancements, including:

- Large 13" x 25" (342 x 647 mm) engraving area with 10" (254 mm) of clearance; Honeycomb core table for strength.
- Revolutionary touch screen control panel featuring:
 - ~ Pause/cancel
 - ~ Table up/down
 - ~ Speed control
 - ~ Power control
 - ~ Auto-focus: choose focus location on odd shaped pieces
 - ~ Job preview with zoom
 - ~ Save up to four 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 exhausts gasses at the end of a job
 - ~ Imperial and metric settings
 - ~ Mottle settings to control laser pulsing during raster
 - ~ Diagnostics for feedback on functionality of system components
- State-of-the-Art motion system featuring:
 - ~ Lifetime bearing warranty
 - ~ 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:
 - ~ No lubrication required
 - ~ 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 from -58° F to 194° F
 - Heavy duty servo motor for high speed with absolute accuracy including:
 - ~ Faster moves and settling times
 - ~ Superior tracking accuracy
- Adaptive inertia matching technology for fine tuning
 - ~ Peak power of 614 watts
 - ~ Peak torque of 164 oz. inches
- Easy change optic system including:
 - ~ Optics substrates and coatings are rated up to 1,000 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 or upgrade without having to adjust beam alignment
 - ~ Tube assembly includes laser tube (20-100 watt), RF unit if separate, and power supply
- State-of-the-Art cabinet design including:
 - ~ Rigid monocoque design to maximize strength while minimizing weight
 - ~ Exhaust design placement and cabinet seal for maximum air flow across engraving area
 - ~ Key-locked access panels for easy removal
 - ~ Removable back panel for pass through capability
 - ~ Industrial locking casters rated at over 200 lbs each
- High quality lid and front door concealed hinges
 - ~ Gas strut supported lid
 - ~ All stainless steel hardware to prevent corrosion
- High Speed, continuous motion controller including:
 - ~ AMD SC 520 microprocessor
 - ~ 32-bit Architecture and 64-bit FPU
 - ~ On-board LED diagnostics
- Optional Accessories
 - ~ Dual Head
 - ~ Air Assist
 - ~ Laser Cutting Table
 - ~ Cylindrical Engraving Attachment
- User controlled Red diode pointer for proofing and positioning beam. Fires while engraving or can fire at all times
- Motorized table height adjustment
- Three point table mount for stability
- Protection from laser beam (class IIIa laser)
- End of job signal
- Xenetech Graphic Workstation Professional Engraving Software: XGW-32 (see catalog page 19 for features)
- Xenetech 32-bit Print Driver
- Ethernet capability
- Rubber Stamp Mode

* Patent Pending

