



ALLEN XL5000

THERMAL TRANSFER PRINTER

Extended uptime between ribbon changes with ribbon capacity of up to 2,952 ft. (900 m)

Simplified serviceability design for easy repairs, eliminating the need to take apart the printer for simple part replacements

Small, compact size for maximum compatibility with popular frame sizes

Maximum print message capabilities including barcodes, text, graphics, real-time, and dynamic date coding

The Allen XL5000 thermal transfer printer is an industrial workhorse that pairs perfectly with most consumer-packaged goods web and foil printing applications. The small, compact size and simplified serviceability design makes it easy to integrate with labeling and packaging machines. The Allen XL5000 is available in continuous and intermittent modes, with a wide variety of dynamic print message capabilities.



SPECIFICATIONS

Allen Series

Print Area (HxW) Intermittent	53 x 80 mm (2.1 x 3.1 inches)
Print Area (HxW) Continuous	53 x 300 mm (2.1 x 11.8 inches)
Print Speed Intermittent	75mm/sec to 400mm/sec (3 in/sec to 15.7 in/sec)
Print Speed Continuous	75mm/sec to 450mm/sec (3 in/sec to 17.7 in/sec)
Performance IM at 5mm Print Height	450 Prints Per Minute
Performance CM at 5mm Print Height	250 Prints Per Minute
Print Resolution	300 dpi
Dimensions Printer (HxWxD)	178 x 212 x 246 mm
Ribbon Type	Outside Coated
Ribbon Width	55 mm
Air Pressure	5 Bar
Operating Environment	5 - 40°C, Humidity 20 - 75% Non-Condensing
IP Rate	IP 20
Standard and Opposite Version Available	Yes
Voltage	100 - 240 VAC
Frequency	50 - 60 Hz
Current	2A
Controller	a:touch Lite, a:touch2

Features and Print Format

Automatic Functions	Real Time, Various Date Formats (with Offset), Counter, Variable Field, Formula
Fonts	3 Internal Fonts (New Gothic Bold Compatibility Font, Swiss 721 Bold, Swiss 721 Roman), Mirror Print, up to 12 Fonts Expandable by the Customer
Internal Barcodes	2/5 Interleaved, Code39, UPC, EAN8, EAN13, Code93, DUN14, Code128, EAN128, Databar, Databar Truncated/Limited/Stickered/Omnidirectional, Datamatrix, GS1-Datamatrix

Host Line Connection

Communication	Ethernet, RS232
General Error	Yes
Inhibit	Yes
Print on Cycle	Yes
Encoder Signal	Yes





A:TOUCH LITE CONTROLLER UNIT

Adjust printer settings and select message being printed with a user friendly controller option or remotely from a PC. The industrial, stainless steel touchscreen a:touch Lite controller featuring a:control Lite software* offers the following advantages:

- **Flexible security settings** with password level protection for operators, managers, and maintenance level users
- **Quick start design** powers up controller within seconds
- **Tracks and records print counts** for monitoring production throughput
- **Supports multiple languages:** English, French, German, Italian, Spanish, Portuguese and more
- **Unicode compliant** with the ability to import custom fonts

*a:design2 Basic software is included as a free format design software with the system.



FRAMES & BRACKETS

The Allen XL5000 is designed for maximum compatibility with popular frame sizes, reducing the need for custom orders. If the Allen XL5000 mounting compatibility and standard frame options do not meet your specific application requirements, we offer custom design and manufacturing services.

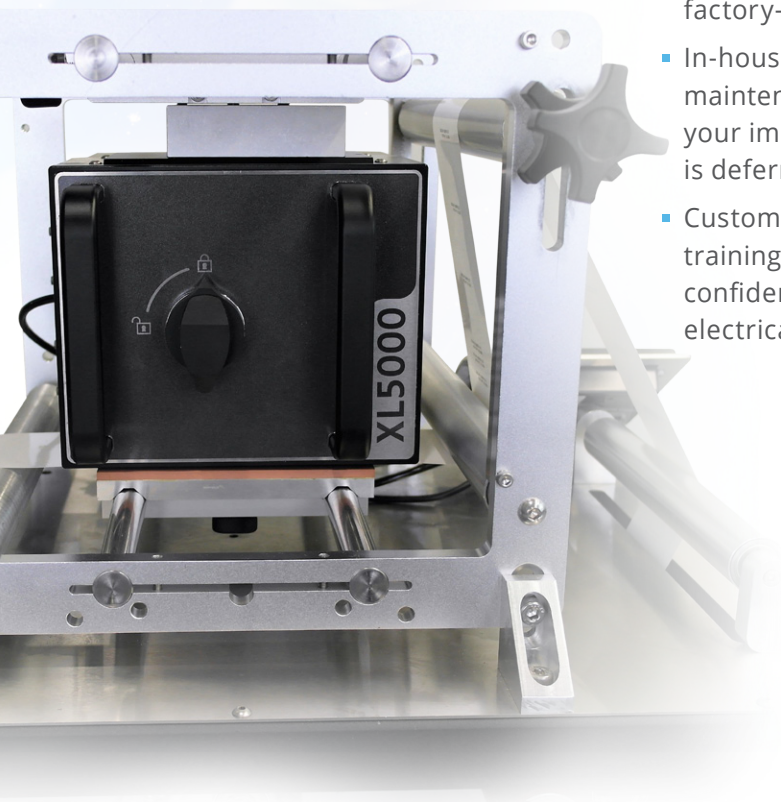
RIBBON, FILMS, & FOILS

Diagraph's thermal transfer ribbons have been specifically developed to produce high quality images at high speeds. We match our wax and resin formulas to the composition of a wide variety of materials to produce print images with high scratch-resilience and durability. A wide variety of colors and finishes are available.

SERVICE SUPPORT

We have designed our service programs to match the skill level of your maintenance team — providing you with the right level of support for your unique operation. Enjoy our support services that come standard with all Diagraph equipment purchases:

- Technical support is only a call or click away via phone, live chat, and email
- Site visits for on-site troubleshooting and repairs are provided by factory-trained service technicians
- In-house repairs incorporate comprehensive preventive maintenance servicing and are offered on a flat-rate basis, ensuring your immediate needs are addressed now and future maintenance is deferred due to printers being returned in like-new condition
- Customer training can be provided on-site or at our company training facility — giving operators the technical knowledge and confidence they need to identify and repair mechanical and electrical problems independently



Diagraph Marking & Coding

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