



L&amp;C

LABELING  
& CODING

## GENESIS-M COMPACT DIGITAL COLOR PRINTER



### Even More Compact than the original Genesis with Additional Integration Capabilities.

Genesis-M is an even more compact form-factor than the original Genesis, that still provides excellent print quality on a range of packaging substrates.

Designed to print the complete package, manufacturers can eliminate or dramatically reduce the need to manage pre-printed materials for every item (SKU). This reduces cost, complexity and lead times.

Fully digital workflow with no printing plates required, means Genesis-M is an excellent solution when there are multiple SKUs and short runs – reducing changeover time and increasing OEE.

With traversing configuration, and remote mounted HMI, Genesis-M provides additional mounting and integration capabilities.

Genesis-M interfaces with serialization and manufacturing software to ensure complete UDI and DSCSA compliance – compatible with both GS1 and HIBCC standards.

### FEATURES AND BENEFITS

- Can be integrated into all types of HFFS and blister machines.
- Ability to print on all types of packaging materials.
- Genesis-M prints across the web (patented, servo system).
- Fast changeover for print jobs, no plates needed.
- Genesis-M can be combined with flexo printing for lowest cost and best print quality.
- Genesis-M includes Greydon's WebShift system to ensure accurately aligned printing and minimize disruption to parent machine operation.
- Windows driver, PostScript driver, CodeSoft integration and a wide range of supported file types and databases for graphics and print control.
- XactCure™ system by Greydon monitors all the printing variables and keeps your process safe.

*Genesis-M provides high quality printing with remote mounted HMI controls, delivering a highly intuitive, and easy to use digital color printing system.*

## TYPICAL PRODUCT SPECIFICATIONS

	Traversing Head Model	
Print Width	72mm	140mm
Number of Printheads	Single Color - 1, Two Color - up to 2, and Full Color - up to 4	Single Color - up to 2, Two Color - up to 4
Color	Single Color, Dual Color and Full Color CMYK	Single Color, Dual Color
Resolution	Up to 720 DPI Binary or Grey-scale (4 levels)	
Print Speed	Up to 1,000 mm/sec	
Printhead Type	Digital Piezo Technology, 360 DPI Native, 1024 Nozzles	
Supported Barcodes Include	GS1 128, GS1 Datamatrix, HIBCC (Linear and 2D), Code 128, Code 39, UPC, QR Code	
Supported File Types	BMP, TIFF, GIF, JPG, PDF, PNG, EPS	
Variable Fields	Text, Barcodes, Date Codes, Serialization, Graphics	
Variable Data Entry	Operator Entry, CSV/Text File, Database/ERP/Serialization System by ODBC Link	



### GENESIS-M HIGHLIGHTS

- XactCure™ monitors all the printing variables and keeps your process safe.
- PostScript Driver provides an even more detailed print.
- Extensive reporting capabilities including 1 CFR Part 11 Compliant
- All Stainless, Modular, Compact Footprint



#### INSTALL ON ANY HFFS

Genesis-M builds on Greydon's vast experience of installing printing systems onto all brands of thermoformer and horizontal packaging machine.

With Greydon's relationships with OEM equipment builders, you can be assured of trouble free installation



#### TRAVERSING HEAD

The standard Genesis-M traverses the printheads across the web during the machine dwell cycle. This ensures precise control and excellent print registration.



#### XACTCURE™

Variables monitored Include:

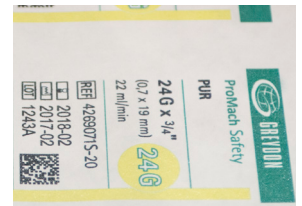
- Line, substrate and printhead speeds
- LED UV lamp output
- Artwork composition
- Tooling
- Ink drop size
- UV ink used
- Company Safety Factor



#### EASY TO USE REMOTE HMI

The touchscreen HMI provides full control of print functions, print design editing and control of the Genesis system.

Genesis-M accepts many different types of artwork files and offers full support for a multitude of barcode formats and fully integrates GS1 & HIBCC standards for UDI compliance.



#### UDI COMPLIANCE

Greydon specializes in UDI applications. Genesis-M can be used to print the complete UDI compliant package, or just the UDI barcode and data.

Genesis-M ensures compliance with GS1, HIBCC and ICCBBA barcode systems.