



BY3-GENESIS INTEGRATED PRINTING/PACKAGING SYSTEM

PROMACH, A GLOBAL LEADER IN PACKAGING LINE SOLUTIONS, BRINGS TOGETHER TWO LEADING BRANDS TO CREATE AN INTEGRATED PRINTING/PACKAGING SYSTEM DESIGNED TO MAKE PRODUCING YOUR END-PRODUCT EASIER AND MORE EFFICIENT.



From unprinted material to complete stickpack package.

BY3-Genesis is an integrated solution for stickpack packaging. It combines expertise from two ProMach brands - Matrix and Greydon - and allows for complete printed, formed, filled and sealed stickpacks or sachets to be produced in one operation.

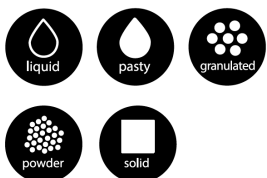
The BY3 stickpack machine is a servo controlled, multilane packaging machine that can handle multiple types of products such as powders, granulates, solids, liquids and pastes.

Combining the Matrix stickpack machine with Greydon Genesis, results in a revolutionary digital in-line printer solution. The Genesis digital printer provides flexible printing capabilities at high resolutions and at high speeds, eliminating the need to purchase pre-printed packaging materials. The result, a true "late-stage customization" solution.

FEATURES AND BENEFITS

- Complete printing and packaging solution in small footprint.
- Can handle multiple package configurations, from 1 to 7 across.
- Printing in one or two colors, or full CMYK process.
- All digital printing system minimizes changeover time.
- Greydon XactCure system ensures complete control of ink curing.
- Enables compliance with DSCSA serialization requirements for pharma applications.
- Validation protocol templates available.

PRODUCTS



MARKETS



TYPICAL PRODUCT SPECIFICATIONS

	1 Lane	2 Lanes	3 Lanes	4 Lanes	5 Lanes	7 Lanes
Max. Width	120 mm	70 mm	37 mm	30 mm	25 mm	17 mm
Min. Width	17 mm					
Max. Length	160 mm					
Min. Length	30 mm					
Max. Reel Diameter	300 mm					
Max. Reel Width	300 mm					
Core	70/75 mm					
Output	70 Stickpack/min	140 Stickpack/min	210 Stickpack/min	280 Stickpack/min	350 Stickpack/min	490 Stickpack/min
Weight	550 kg					
Printing	High-resolution inkjet with UV cured inks. One color, two color or full CMYK. Text, graphics and all common barcodes.					
Electrical Data	220 / 400 / 440 V AC - 3Ph +N+PE - 50 / 60 Hz					
Compressed Air	6 bar					

PRODUCT OPERATION

A roll of unprinted packaging foil or film is loaded to the machine and threaded through the Genesis printer and stickpack section.

The format to be printed - including variable data such as date/lot codes and serialization data is downloaded to the printer.

During operation, the material is printed, then passes through the forming, filling and sealing areas before the completed package leaves the system.



The Genesis printer can print the complete package, immediately before forming, filling and sealing the finished stickpack



OPTIONAL ITEMS

Laser scoring and coding.

Validation protocol templates for pharmaceutical applications.

Print inspection system.

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StickPack-Printing-Packaging

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