

OnDemand HFFS Cold Form - 290CF

APPLICATION

The 290CF OnDemand HFFS Cold Form Suture Pack Machine is ideal for foil /foil suture packs that require a Tyvek® breather for sterilization process. Eliminates the need for a secondary breather package. Ideal for high SKU, low or mid-range volume applications. Use this machine in conjunction with SelectSeal Post Sterilization Seal/Trim Machine.

PACKAGING MATERIALS

Material input rollstock lidding. Cold Formable Foil, Foil Lidding and Tyvek®.

Unique Advantages

High force forming with air pressure
In-line on-demand full color printing
Print online lot and expiration - no secondary printing needed
Servo-based sealing with direct force feedback verification
Minimal scrap of high cost foil material
Precision hole locations for secondary processing

Advantages

Simple tool change
Class 8 cleanroom compatible
Vision inspection of device, graphics and variable data
Recipe scan to load with auto tool verification
Fully validatable, GMP Compliant
Open software architecture

	TYPICAL CONFIGURATION	OTHER CONFIGURATIONS
MAX FORMAT (WEB WIDTH X INDEX)	11.4" x 4.7" (290mm x 120mm)	Other formats readily available
ROLLSTOCK (TOP and BOTTOM)	14" (356mm) max dia roll, 3" (76mm) core	Larger diameter roll unwind options available
ROLLSTOCK (Tyvek®)	14" (356mm) max dia roll, 3" (76mm) core	Larger diameter roll unwind options available
WEB CLEANING SYSTEM (OPTIONAL)	2-hood system or no web cleaning	4 hood web cleaning system and anti-static bars by Static Clean International
WEB EDGE	Coast Controls web edge guiding system	Edge detection within 0.5mm with alarm
RATE	Up to 20 Cycles per minute (CPM)	
MATERIALS OF CONSTRUCTION	Anodized Aluminum Extruded framework, SS, other cleanroom compatible materials	
POWER (UTILITY)	240VAC or 480VAC, 3phase, 60hz	Other voltages available
AIR CONSUMPTION (UTILITY)	80-100PSI air source, CFM to be provided based on actual application	
FILM UNWIND	Powered, constant tension with low roll, web break and splice detect as standard	Dual roll unwind or cart
FORM STATION	High force forming station with air pressure forming. No mechanical plugs.	
PIN HOLE DETECTION (OPTIONAL)	Space for available	Pinhole creation and pinhole detection systems available.

CUTTING - BREATHER HOLE	Matched metal round corner trim of breather area	
TOP WEB PRINT	Online digital UV printing, artwork per recipe	Number of colors can be specified
CUTTING - LOCATING HOLE	Matched metal hole punches trim with vacuum slug removal	
SEAL STATION	6000# capacity servo based sealing station with direct force load cell feedback for verification. Seal force calibration kit included.	Pneumatic-based sealing available
CUTTING - XMD	Matched metal straight cut of 4up suture sheet	
FINAL OUTPUT CONFIGURATION	4up sheet with sutures, pre-sealed perimeter with connection to breather, Tyvek® breather sealed to bottom web.	Other output configurations available
CONTROLS	Allen-Bradley PLC and HMI with Yaskawa motion	Other platforms available upon request
SAFETY	Zero tolerance safety package	
VISION	Cognex or Keyence cameras for inspection of printed graphical and variable information	
SOFTWARE FEATURES	Process parameter verification, 4 User security logins, Data change tracking, Line Clearance	Customizable per requirements