

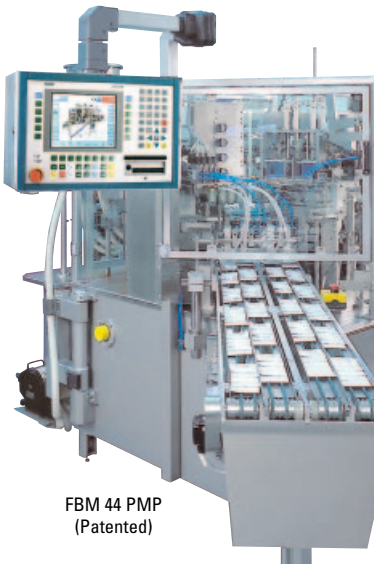
# THE MACHINERY OF

**PROFILE®  
PACKAGING, INC.**

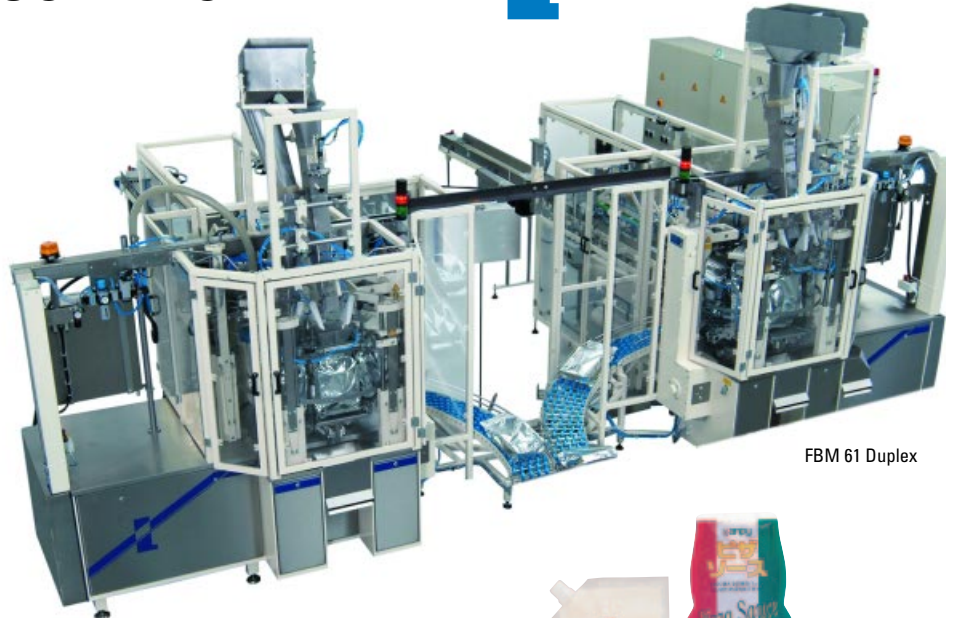
## **LAUDENBERG (The Industry Standard) FILL-SEAL PREMADE POUCH MACHINERY**

**LAUDENBERG  
PACKAGING USA**

- Up to 480 pouches per minute
- Retort pouch systems
- Beverage hot fill systems
- Can be converted to form-fill-seal
- Can run pouches with fitment in corner or center
- Meets USDA specifications



FBM 44 PMP  
(Patented)



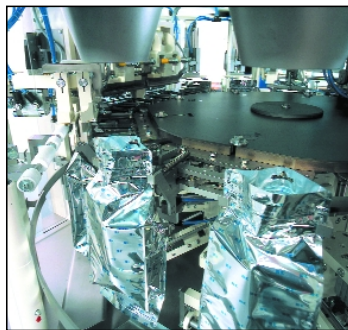
FBM 61 Duplex



Shaped or Corner  
Fitment Pouches.



FBM 10 PMP



QuaDSeal™ Pac Bag

- *Más de 480 bolsas por minuto*
- *Sistema de réplica de bolsas*
- *Sistema de llenado para bebidas calientes*
- *Puede convertir en formado, llenado y sellado de bolsas.*
- *Puede trabajar con bolsas con boquilla lateral o centrada.*
- *Especificaciones USDA.*



StandUp  
Pouches with  
Fitments.



FBM 20 PMP



Auger Filler



Rotary Turret

# LAUDENBERG (State of the Art) FORM-FILL-SEAL POUCH MACHINERY



**Laudenberg** is the undisputed leader in almost every discipline of horizontal form-fill-seal rotary pouch machinery technology.

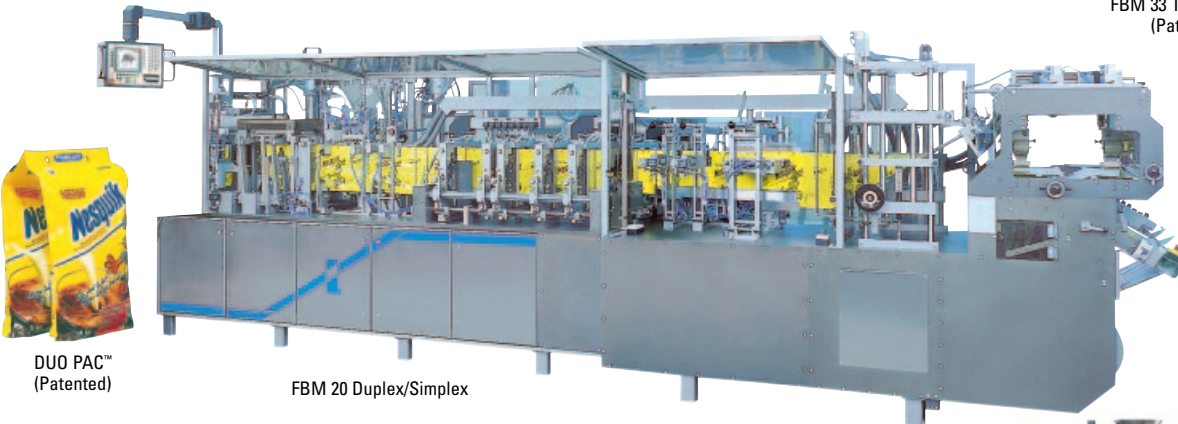
- In-house ISO-9001 manufacturing plant (ensures accurate, timely component supply and quality)
- Flexibility in size (1.5" to 15" wide), weight (0.5 oz. to 5 lb.) at speeds up to 480 ppm
- Rapid change-over using *EZ Change™* Cassettes, high productivity and operating efficiency
- Only machine program to offer simplex, duplex, patented *TRIPLEX™* and *QUADRO™* multi-up format solutions for both form-fill-seal and fill-seal processes
- Compact footprint, rotary design utilizing double bag clamps for positive pouch control with *ServoSmart™* system.
- USDA approved models.



FBM 54 Simplex



FBM 33 Triplex™  
(Patented)



DUO PAC™  
(Patented)

FBM 20 Duplex/Simplex



Membrane  
Pouch

New small footprint **Laudenberg** model FBM-04 for StandUp and press-to-close zipper pouches.

- *ServoSmart™* Technology including *DuoSmart™* secondary roll for registration control, *AdjustSmart™* for fast adjustments, *WebSmart™* for film feed control
- *ZiPunch™* patented zipper system for removal of excess zipper profile in key side seals
- *Smart Technology* machine for modern membrane twin compartment pouches
- Horizontal twin compartments for easy product fills
- Two roll feed machine
- Auger or liquid fillers
- Twin grippers



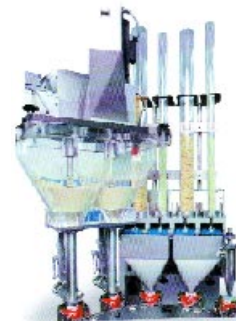
FBM 04



FBM 04M



*EZ Change™*  
Cassettes



3-Component  
Dosage  
Duplex Filling



## FORMADO LLENADO Y SELLADO

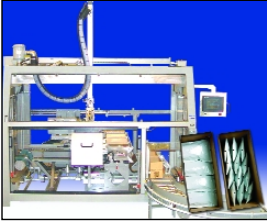
*Laudenberg es líder indiscutible en casi todas las disciplinas de formado llenado y sellado horizontal de bolsas. A velocidades asombrosas, Laudenberg tiene un nuevo modelo mas pequeño FBM 04, para bolsas con cremallera de cierre a presión.*

# LAUDENBERG SOLUTION

## FORM-SLIDER ZIPPER-FILL-SEAL TECHNOLOGY

### 130 Pouches Per Minute System

**BluePrint Automation**

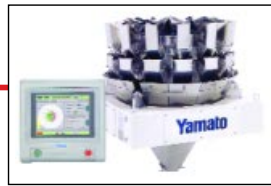


BluePrint Automation Case Packer

BluePrint Automation is a world leader in packaging automation, providing solutions for the loading of flexible pouches and other hard-to-handle packages into secondary containers.

**Yamato**

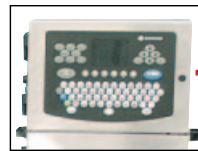
With over 75 years of experience in the field of weighing Yamato is one of the world's leading manufacturers of weighing equipment. Yamato offers a range of multi-head weighers using advanced technology.



Combination Scale

**DOMINO**

The Domino A-Series continuous ink jet printers have been developed to offer a wide range of reliable coding solutions. The A-Series prints onto a variety of substrates including food, glass and films of all types.



Code Dater

**ZIP-PAK®**  
RESEALABLE PACKAGING

With its more than 200 patented zipper profiles, Zip-Pak® is a global leader for resealable packaging technology. Headquartered in Manteno, IL, Zip-Pak® is a division of Illinois Tool Works (ITW).

ZIP-PAK® and the ZIP-PAK® Symbol are registered trademarks and ZIP-PAK SLIDER® is a trademark of ITW.



Slider Clip Bowl Feeder



**Laudenberg**  
FBM 22 Simplex/Duplex

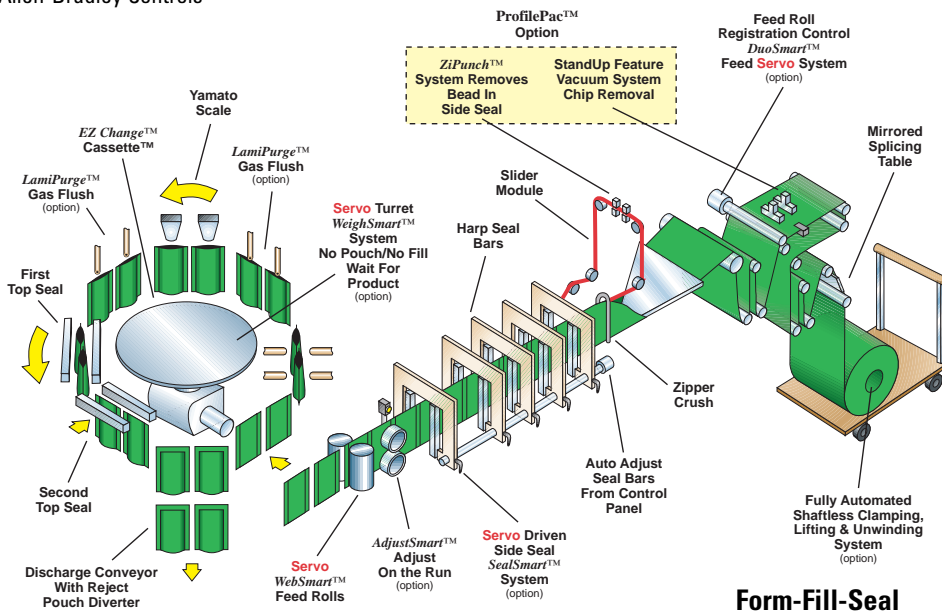


We supply customers worldwide with foil, flexible packaging for the food industry and specialty packaging. We are among the world's leading suppliers of packaging for the pharmaceutical and cosmetics industries.



- **Laudenberg** FBM 22 Simplex/Duplex
- Pouch Open/Check
- **WeighSmart™** Scale Interface
- **LamiPurge™** Gas Flush
- **EZChange™** Format Cassettes
- **SealSmart™** Moving Side Seal Bars
- **DuoSmart™** Print Registration System
- **WebSmart™** Servo Feed Roll
- **AdjustSmart™** Easy Operation Adjustment
- Allen-Bradley Controls

**OPERATION:**  
Printed, laminated film rolls from Alcan are loaded onto machine, slider zipper tape and clips are sealed into the top of the pouch. Side and bottom seals are made. Pouch is filled, gas flushed, top sealed and cooled at discharge.



Slider Zipper Pouches

**Form-Fill-Seal**

# LAUDENBERG SOLUTION

## FORM-PRESS TO CLOSE-RETORT ZIPPER-FILL-SEAL TECHNOLOGY

### 140 Pouches Per Minute System

**INLINE FILLING SYSTEMS, INC.**

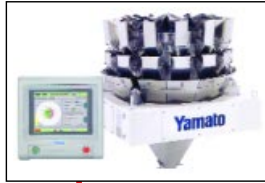
Inline Filling Systems designs and manufactures servo-driven pump filling systems for the food, personal care, pharmaceutical and chemical industries.



PD Filler

**Yamato**

With over 75 years of experience in the field of weighing Yamato is one of the world's leading manufacturers of weighing equipment. Yamato offers a range of multi-head weighers using advanced technology.



Combination Scale

**FreshLock zipper**

Fresh-Lock® is a registered trademark of Presto Products Company

Presto FRESH-LOCK® zippers by Alcoa Consumer Products offer the latest breakthrough in retort and high-temperature packaging: revolutionary new polypropylene zippers that can really take the heat.



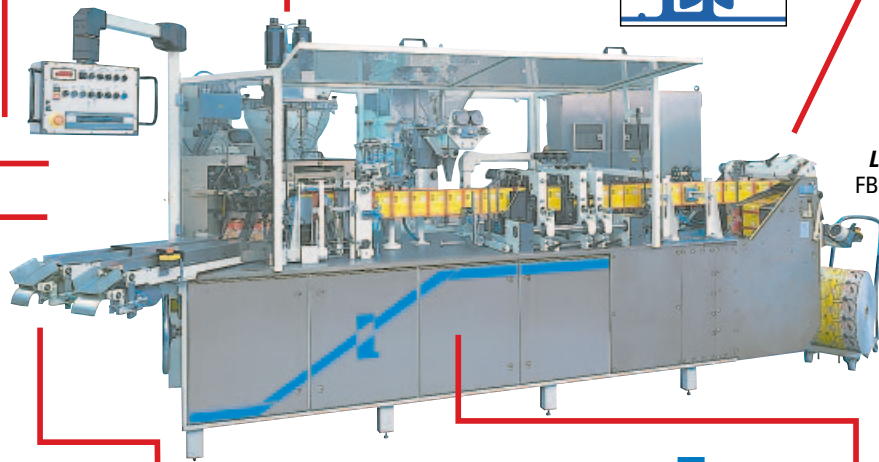
Sonoco is a global packaging leader with extensive experience in processed food packaging. Sonoco's Flexible Packaging Division is the largest producer of retail retort pouch material in North America.



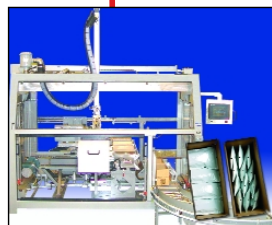
Ultrasonic Sealer



Herrmann Ultrasonics is the Worldwide Leader in the field of High Speed Ultrasonic Packaging Sealing Equipment and customer-specific application solutions.



**Laudenberg**  
FBM 20 Duplex



BluePrint Automation Case Packer

**BluePrint Automation**

BluePrint Automation is a world leader in packaging automation, providing solutions for the loading of flexible pouches and other hard-to-handle packages into secondary containers.

- **Laudenberg** FBM 20 Duplex
- Pouch Open/Check
- *WeighSmart™* Scale Interface
- Liquid Filling System
- *LamiPurge™* Gas Flush
- *EZChange™* Format Cassettes
- *SealSmart™* Moving Side Seal Bars
- *DuoSmart™* Print Registration System
- *WebSmart™* Servo Feed Roll
- *AdjustSmart™* Easy Operation Adjustment
- Allen-Bradley Controls



SURDRY Retort Chambers offer a patented Water-Spray design with static and rotary retorts and are available with or without a heat exchanger. Basket and tray loading capabilities are available with full computer controlled operation and data archive. SURDRY retorts are supported in the U.S. by Stock America Inc.

**OPERATION:**

*Sonoco's printed retort laminate is loaded onto the Laudenberg. StandUp pouches with Presto-Alcoa retort zippers are made. Pouches are filled with dry product (Yamato) and liquid (INLINE FILLING SYSTEMS) and ultrasonically (Herrmann) sealed. Pouches are sterilized in the SURDRY retort chamber and packed on a BluePrint Automation case packer.*

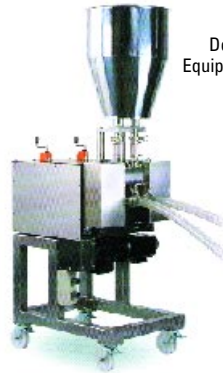


# LAUDENBERG (Customized Innovation) FORM-FITMENT-FILL, DIECUT-SEAL POUCH MACHINERY

**PROFILE®  
PACKAGING, INC.**



Form-Fitment-Fill  
Three Side  
Seal Pouch



LDP  
Dosing  
Equipment



FBM 02



Form-Fitment  
Fill-Seal  
StandUp Pouch

- Economical
- 80 Pouches per minute
- Duplex
- Can have die-cut shape
- Heat seal

*FBM 02 es capaz de fabricar 80 bolsas por minuto y la gama de maquinaria Laudenberg puede hacer bolsas con boquilla y de distintas formas y tamaños.*



DUO PAC™ Semi-Automatic Sealing Machine

**Patented  
DUO PAC™  
system**



- Award winning patented DUO PAC™ dual pouch system.
- Available as either a fully automatic continuous module or semi-automatic DP module.
- DUO PAC™ can have an integral die cut handle feature for large dual pouch packs.
- Filled and sealed on **Laudenberg** FBM 20 and 22 form-fill-seal machinery. Can handle premade pouches.
- Reclosable zipper available.



## CarboPouch™

**Ppi Technologies** introduces CarboPouch™, a patented process for handling carbonated liquids.

This exciting new concept is for carbonated water, juice, and low carbonated beers filled in a flexible patented side gusset pouch.

The flexible pouches are filled on **Laudenberg** PMP machinery with carbonated beverages and sealed using Herrmann Ultrasonic technology.

- Patented film structure from CLP
- Patented spout fitment from Menshen
- Patented flexible tube design made on NISHIBE machinery



FBM 44 PMP  
(Patented)



Spout Fitments from  
**MENSHEN**

- Large selection of standard weldspouts
- Proven base design assures reliable sealing
- Custom weldspouts can be designed and manufactured



**Smart Spout™**



The Flexible Packaging People

## IPN CLEAN-CLIC® SYSTEM



Attractive design

Mouth-friendly design to decrease CO2 ingestion

Applicable on flat extruded polypropylene

3-man and 4-man use

Ring system for easy opening and handling

Special design for easy opening (no sharp corners)

Seal welding time

# LAUDENBERG MACHINERY POUCH SIZE TABLE

PROFILE®  
PACKAGING, INC.

## FBM S1-D5 • FORMATS FORM-FILL-SEAL

### FBM S1 / Simplex

w 40 x h 50 mm / w 1.6" x h 1.97" min.  
w 180 x h 210 mm / w 7.1" x h 8.27" max.

### FBM D2 / Duplex

2 x w 40 x h 50 mm / 2 x w 1.6" x h 1.98" min.  
2 x w 90 x h 210 mm / 2 x w 3.54" x h 8.27" max.

### FBM S4 / Simplex

w 40 x h 50 mm / w 1.6" x h 1.98" min.  
w 180 x h 250 mm / w 7.1" x h 9.84" max.

### FBM D5 / Duplex

2 x w 40 x h 50 mm / 2 x w 1.6" x h 1.98" min.  
2 x w 90 x h 250 mm / 2 x w 3.54" x h 9.84" max.

## FBM 1-7 • FORMATS FORM-FILL-SEAL

### FBM 1 / Simplex

w 40 x h 50 mm / w 1.6" x h 1.98" min.  
w 180 x h 210 mm / w 7.1" x h 8.27" max.

### FBM 2 / Duplex

2 x w 40 x h 50 mm / 2 x w 1.6" x h 1.98" min.  
2 x w 90 x h 210 mm / 2 x w 3.54" x h 8.27" max.

### FBM 3 / Simplex and Duplex

w 40 x h 50 mm / w 1.6" x h 1.98" min.  
w 180 x h 210 mm / w 7.1" x h 8.27" max. / simplex  
2 x w 90 x h 210 mm / 2 x w 3.54" x h 8.27" max. / duplex

### FBM 4 / Simplex

w 40 x h 50 mm / w 1.6" x h 1.98" min.  
w 180 x h 250 mm / w 7.1" x h 9.84" max.

### FBM 5 / Duplex

2 x w 40 x h 50 mm / 2 x w 1.6" x h 1.98" min.  
2 x w 90 x h 250 mm / 2 x w 3.54" x h 9.84" max.

### FBM 6 / Simplex and Duplex

w 40 x h 50 mm / w 1.6" x h 1.98" min.  
w 180 x h 250 mm / w 7.1" x h 9.84" max. / simplex  
2 x w 90 x h 250 mm / 2 x w 3.54" x h 9.84" max. / duplex

### FBM 7 / Simplex

w 40 x h 100 mm / w 1.6" x h 3.94" min.  
w 180 x h 300 mm / w 7.1" x h 11.81" max.

## FBM 20-48 • FORMATS FORM-FILL-SEAL

### FBM 20 / Simplex

w 100 x h 120 mm / w 3.94" x h 4.72" min.  
w 300 x h 350 mm / w 11.81" x h 13.78" max.

### FBM 20 / Duplex

2 x w 80 x h 120 mm / 2 x w 3.15" x h 4.72" min.  
2 x w 150 x h 350 mm / 2 x w 5.9" x h 13.87" max.

### FBM 22 / Simplex and Duplex

1 x w 120 x h 120 mm / 1 x w 4.72" x h 4.72" min.  
1 x w 380 x h 450 mm / 1 x w 15.0" x h 17.7" max.  
2 x w 120 x h 120 mm / 2 x w 4.72" x h 4.72" min.  
2 x w 190 x h 350 mm / 2 x w 7.48" x h 13.87" max.

### FBM 30 / Triplex

3 x w 50 x h 70 mm / 3 x w 1.97" x h 2.76" min.  
3 x w 93 x h 210 mm / 3 x w 3.66" x h 8.27" max.

### FBM 33 / Triplex

3 x w 80 x h 120 mm / 3 x w 3.15" x h 4.72" min.  
3 x w 115 x h 250 mm / 3 x w 4.53" x h 9.84" max.

### FBM 40 / Quadro

4 x w 40 x h 70 mm / 4 x w 1.6" x h 2.76" min.  
4 x w 72 x h 160 mm / 4 x w 2.83" x h 6.30" max.

### FBM 44 / Quadro

4 x w 70 x h 80 mm / 4 x w 2.76" x h 3.15" min.  
4 x w 93 x h 210 mm / 4 x w 3.66" x h 8.27" max.

### FBM 48 / Quadro

4 x w 105 x h 210 mm / 4 x w 4.13" x h 8.27" max.

## FBM 51-56 • FORMATS FORM-FILL-SEAL

### FBM 51 / Simplex

w 50 x h 80 mm / w 1.98" x h 3.15" min.  
w 254 x h 250 mm / w 10.0" x h 9.84" max.

### FBM 52 / Duplex

2 x w 50 x h 80 mm / 2 x w 1.98" x h 3.15" min.  
2 x w 115 x h 250 mm / 2 x w 4.53" x h 9.84" max.

### FBM 53 / Simplex and Duplex

w 50 x h 80 mm / w 1.98" x h 3.15" min.  
w 254 x h 250 mm / w 10.0" x h 9.84" max. / simplex  
2 x w 115 x h 250 mm / 2 x w 4.53" x h 9.84" max. / duplex

### FBM 54 / Simplex

w 50 x h 80 mm / w 1.98" x h 3.15" min.  
w 254 x h 350 mm / w 10.0" x h 13.87" max.

### FBM 56 / Simplex and Duplex

w 50 x h 80 mm / w 1.98" x h 3.15" min.  
w 254 x h 350 mm / w 10.0" x h 13.87" max. / simplex  
2 x w 115 x h 250 mm / 2 x w 4.53" x h 9.84" max. / duplex



# LAUDENBERG SOLUTIONS FILL-FITMENT-SEAL TECHNOLOGY

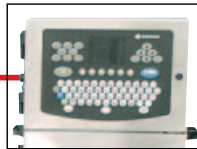
## 80 Pouches Per Minute System

**INLINE FILLING SYSTEMS, INC.**



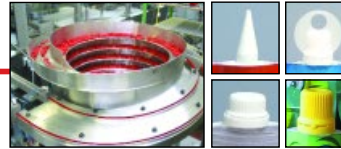
PD Filler

INLINE FILLING SYSTEMS designs and manufactures servo-driven pump filling systems for the food, personal care, pharmaceutical and chemical industries.



Code Dater

The Domino A-Series continuous ink jet printers have been developed to offer a wide range of reliable coding solutions. The A-Series prints onto a variety of substrates including food, glass and films of all types.

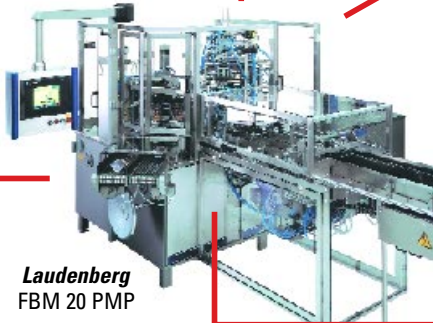


Laudenberg Bowl Feeder Alternate IPN Fitments

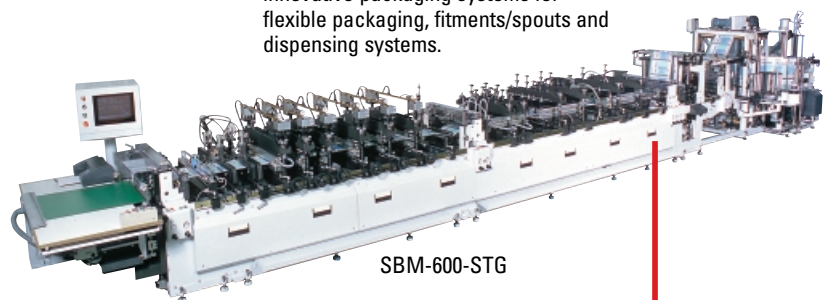
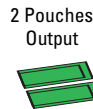
The Innovative Packaging Network, headquartered in the Netherlands, is a fast growing organization focusing on innovative packaging systems for flexible packaging, fitments/spouts and dispensing systems.



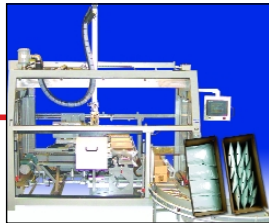
Kapak Corporation is a complete flexible packaging converter specializing in preformed StandUp pouches and rollstock for both vertical & horizontal applications.



Laudenberg FBM 20 PMP



SBM-600-STG



BluePrint Automation Case Packer



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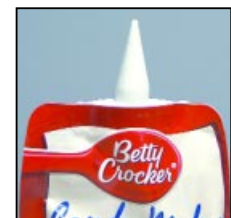
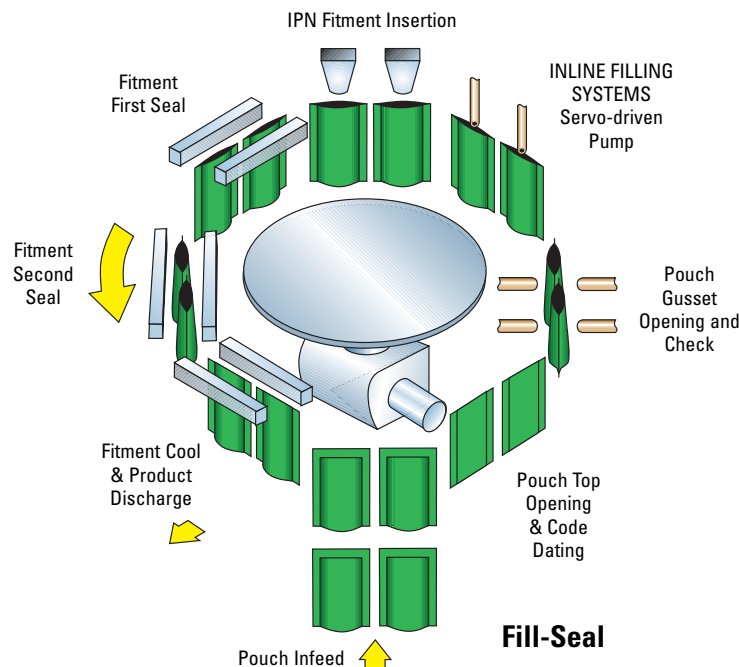
- **Laudenberg FBM 20 PMP**
- **EZChange™** Format Cassettes
- Allen-Bradley Controls
- Bowl feeder is capable of handling multiple fitment shapes
- Fitment sealed after filling



- 2-Up Production
- Inline Die-cutting
- Rounded Corners
- Minimum Waste

**OPERATION:**

Printed laminated KAPAK film is converted on a NISHIBE machine into pre-fabricated shaped pouches. Empty pouches are loaded onto the Laudenberg infeed conveyor, code dated and the top and bottom of the pouches are opened. The product is filled with an INLINE FILLING SYSTEM pump and the IPN fitment is inserted and heat-sealed into the top of the pouch. The filled pouch is packed on a BluePrint Automation case packer.



Same pouch style with alternate IPN Fitments

# LAUDENBERG SOLUTION

## FILL-SEAL-RETORT POUCH TECHNOLOGY

### 480 Pouches Per Minute System



Oden Corp. designs and manufactures liquid filling systems for food, non-carbonated beverage, pharmaceutical, chemical, personal care and household products.



### Yamato

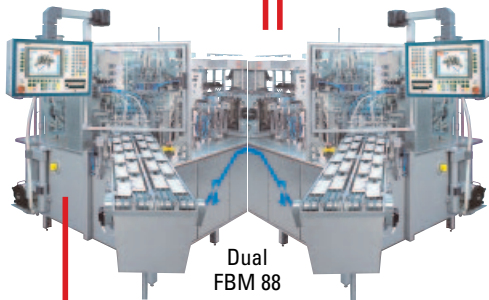
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With its more than 200 patented zipper profiles, Zip-Pak® is a global leader for resealable packaging technology. Headquartered in Manteno, IL, Zip-Pak® is a division of Illinois Tool Works (ITW).  
ZIP-PAK® and the ZIP-PAK® Symbol are registered trademarks and ZIP-PAK SLIDER® is a trademark of ITW.



Curwood, a Bemis Company, is a leading manufacturer of flexible packaging and machinery. Innovations include Surround™ print shrink bags with Lift & Peel, IntegraScore® opening feature for HFFS packaging and ArmorX® shrink bags.



4 Pouches Output



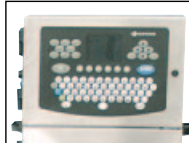
- 4-up Production
- Inline Die-cutting
- Rounded Corners
- Minimum Waste



- **Laudenberg FBM 88**
- **WeighSmart™** Scale Interface
- **EZChange™** Format Cassettes
- **Allen-Bradley** Controls
- **Ultrasonic Sealing**
- **Industry Standard**



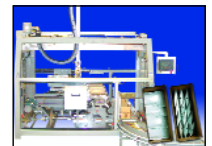
Herrmann Ultrasonics is the Worldwide Leader in the field of High Speed Ultrasonic Packaging Sealing Equipment and customer-specific application solutions.



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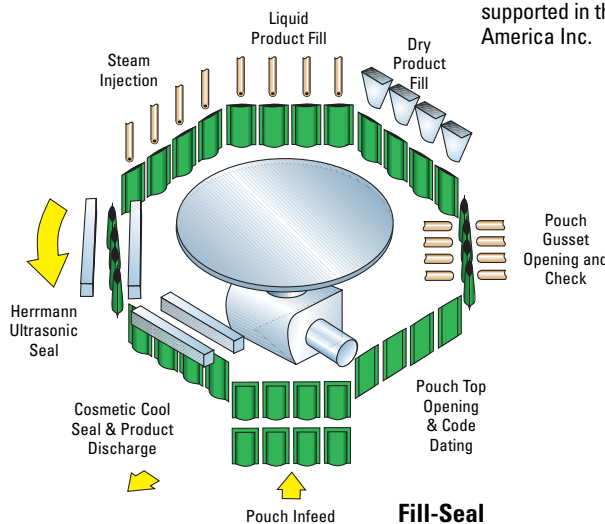
SURDRY Retort Chambers offer a patented Water-Spray design with static and rotary retorts and are available with or without a heat exchanger. Basket and tray loading capabilities are available with full computer controlled operation and data archive. SURDRY retorts are supported in the U.S. by Stock America Inc.



BluePrint Automation is a world leader in packaging automation, providing solutions for the loading of flexible pouches and other hard-to-handle packages into secondary containers.

**OPERATION:**

Printed, laminated retort structure roll stock from Curwood is converted into StandUp retort pouches on the four-lane NISHIBE machine. Prefabricated pouches are loaded four-up onto the Laudenberg FBM88 system, are dry filled using the Yamato scale and liquid filled using the Oden filler. Steam is added to the headspace prior to ultrasonic (Herrmann) sealing and delivery to the SURDRY retort chambers. Sterilized pouches are packed on a BluePrint Automation case packer.





# WHO'S WHO AT



**R. Charles Murray**  
**Stuart C. Murray**

**Yvonne E. Bennett-Murray**

**Sandra Murray-Christensen**

**Deborah R. Reed-Murray**

**Jason C. Christensen**

**Jerry Beardsley**

**Robert C. Libera**

**Peter Aeberhard**

**Kevin L. Dobberfuhr**

**Rudi J. Kleer**

**Gary Bush**

**Barbara J. Armstrong**

**Sabine Aeberhard**

**Joe D. Moran**

**Sean L. Reed**

**Erik E. Olson**

**Wayne Armstrong**

**Pat DesJardin**

**Dustin J. Burk**

**Francisco Ramirez**

**Kerry Toelle**

**Angela L. Correa**

**Janice Catenacci**

**NATIONAL**

**FLORIDA**

**CANADA**

**GERMANY**

**JAPAN**

**KOREA**

**SOUTH AFRICA**

Chief Executive Officer  
President / Director / Management Board Member  
Owner, Profile Packaging, Inc.  
Treasurer / Director / Management Board Member  
Owner, Pak Source Global LLC and Pouch Pac™ Innovations LLC  
Public Relations / Director  
Operations Manager / Alternate Director / Management Board Member  
Regional Sales Mgr Fla. & Export / Alt. Dir. / Management Board Member  
Chief Financial Officer / Management Board Member  
National Sales Manager / Management Board Member  
Technical Service Manager / Management Board Member  
Regional Sales Manager / East  
New Products Manager / National & Mexico  
Administrative Manager  
Customer Service / Project Manager  
Customer Service  
Senior Service Technician / Georgia Office  
Service Technician  
Service Technician  
Manufacturing Manager  
Plant Manager  
Warehouse / Production  
SmartDevice™ Production  
SmartDevice™ Production  
Reception / Customer Service  
Shipping / Customer Service  
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