

## OPTIONS



### Shaped pouches

- Different cutting dies adapted to any shape
- Ability to offer unique and eye-catching profiles to help stand out on the store shelf.



### Top and corner spout applicator

- Independent and motorized modular spouts applicator
- Easy to adjust during machine operation
- Corner and top spout applied with the same applicator
- Independent top sealers
- Spout elevator



### Stroke on demand

- Both independent main shafts driven by LC motors
- Automatic machine start-stop system
- Filling system not ready - machine automatic stop
- Filling system ready - machine automatic start
- Eliminates pouch waste



### Automatic Splicing Systems

- **Film reel splicing system:**
  - Integrated to reel unwinder
  - Two pneumatical reel shafts
  - Rejection system for spliced pouches
  - End and low reel level sensors
  - Motorized reel elevator with remote control
- **Zipper splicing system:**
  - Two zipper reels
  - Non-stop system
  - Rejection system for spliced zipped pouches

 **PROMACH**<sup>®</sup>

 **BARTELT**<sup>®</sup>

#### About Bartelt Packaging

Bartelt is a trusted manufacturer of pouching, cartoning, shrink wrapping, over wrapping, and case and tray packing systems, providing dependable and long-lasting solutions to food and non-food industries. Bartelt also operates as the master distributor for both FLtècnics' rollstock and pre-made pouch and Cetec Industrie large bag format packaging machines. As the world's first developer of intermittent motion horizontal form fill seal pouching machines, Bartelt is a true pioneer in automated packaging. From simple to advanced applications spanning primary and secondary packaging, quality components and a durable design are incorporated into every solution. Bartelt is a product brand of ProMach, a global leader in packaging line solutions. As part of the ProMach Flexibles & Trays business line, Bartelt helps our packaging customers protect their products and earn the trust of their consumers. ProMach is performance, and the proof is in every package. Learn more about Bartelt at [www.BarteltPackaging.com](http://www.BarteltPackaging.com) and more about ProMach at [www.ProMachBuilt.com](http://www.ProMachBuilt.com)

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 **PROMACH**<sup>®</sup>

PERFORMANCE, PACKAGED



 **BARTELT**<sup>®</sup>  **FL TÈCNICS**

**ROLLSTOCK POUCH MACHINES**

F&T

FLEXIBLES  
& TRAYS



FLtècnics is a market leader for “HFFS” horizontal form fill seal machines. We provide:

- Rollstock pouch machinery with walking beam & inline carrousel pouch transport.
- A wide range of packaging machines, covering different products and package styles in one machine.
- Space for all type of accessories and fitments to upgrade any machine model at any moment.
- Automatic adjustment for easier and faster format changeover.
- Option of automatic splicing of film & zipper reel, for non-stop production.
- The same range provides Retort solutions, as well as ultra-clean solutions.

### FL 1.4 / 1.7 HFFS Rollstock Produces Small Pouches w/Options Flat or Standup, Zippers or Spouts

These models produce small pouches with options for flat or standup, zippers or spouts. Intended for small pouch sizes, in simplex or duplex versions.



MODELS   FL 1.4				FL 1.7			
MODELS	MIN	MAX	VOL. MAX (CC)	MIN	MAX	VOL. MAX (CC)	SPEED UP TO (PPM)
FLT 1	50X50	140X300	600	70X70	170X300	750	110
FLT 2	45X60	70X300	150	50X60	85X300	200	220
STU 1	60X60	140X300	900	70X70	170X300	1250	90
STU 2	60X60	70X300	200	60X60	85X300	250	180
TV 1	85X100	140X300	900	85X100	170X300	1250	90
CV 1	85X100	140X300	900	85X100	170X300	1250	90

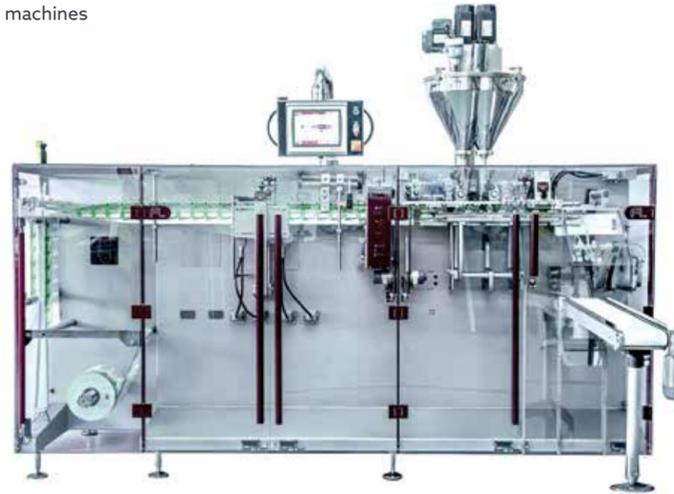
### FL 1.4B / 1.7B HFFS Rollstock Machine for Small Pouches in Simplex or Triplex Versions

These models are designed for small pouches. The machines feature a compact footprint and a robust design.

MODELS   FL 1.4B				
MODELS	MIN	MAX	VOL. MAX (CC)	SPEED UP TO (PPM)
FLT 1	50X50	140X300	200	110
FLT 2	45X60	70X300	50	180

MODELS   FL 1.7B				
MODELS	MIN	MAX	VOL. MAX (CC)	SPEED UP TO (PPM)
FLT 1	50X50	170X200	250	110
FLT 2	45X50	85X200	70	180



### FL 2.2 / 2.6 / 3.3 Large Stand-up or Sachet Pouches w/Rollstock Walking Beam Technology

These models are designed for larger pouches and feature walking beam technology and quick changeovers. The series is built in stainless steel and can be customized to meet specific customer needs.



MODELS   FL 2.2			FL 2.6			FL 3.3/V3.5				
MODELS	MIN	MAX	VOL. MAX (CC)	MIN	MAX	VOL. MAX (CC)	MIN	MAX	VOL. MAX (CC)	SPEED UP TO (PPM)
FLT 1	100X100	220X300	1200	100X100	260X300	2000	120X120	300X300	2500	90
FLT 2	60X80	110X300	250	80X80	130X300	600	90X100	165X300	800	180
STU 1	100X100	220X300	2000	100X100	260X300	2800	120X120	300X300	4000	80
STU 2	60X80	110X300	350	80X80	130X300	800	90X100	165X300	1600	160
TV 1	100X100	220X300	2000	100X100	260X300	2800	120X120	300X300	4000	70
TV 2	85X100	110X300	350	80X100*	130X300*	800	100X120*	165X300*	1600	140
CV1	100X100	220X300	2000	100X100	260X300	2800	120X120	300X300	4000	70
CV2	90X100	110X300	350	90X100	130X300	800	100X100	175X300	1600	70
TV & CV1	100X100	220X300	2000	100X100	260X300	2800	120X120	300X300	4000	140
TV2 & CV2	85X100	110X300	350	85X100	130X300	800	100X100	165X300	1600	140

### FL 2.7 / 3.2 / 4.2 Inline Rollstock Carrousel Machine for Large Format Size Pouches

These models are designed for large pouches and high production rates. The inline carrousel design is ideal for heavy fill weights. Changeover is quick and automatic.



MODELS   FL 2.7			FL 3.2			FL 4.2				
MODELS	MIN	MAX	VOL. MAX (CC)	MIN	MAX	VOL. MAX (CC)	MIN	MAX	VOL. MAX (CC)	SPEED UP TO (PPM)
FLT 1	150X200	260X450	2000	150X200	320X450	5000	150X200	420X450	5000	70
FLT 2	150X200	130X450	600	150X200	160X450	1250	150X200	210X450	1700	140
STU 1	150X200	260X450	2800	150X200	320X450	7000	150X200	420X450	12000	70
STU 2	150X200	130X450	800	150X200	140X450	2000	150X200	210X450	3000	140

### FL 3.2 / 3.8 Quadruplex HFFS Rollstock Machine Produces Four 3-4 Sided Sachets at One Time

These quadruplex models produce 3 and 4 sided pouches at high production rates and efficiency. The sanitary design is in compliance with pharma and food requirements.



MODELS   FL 3.2 BQ				FL 3.8 BBQ			
MODELS	MIN	MAX	VOL. MAX (CC)	MIN	MAX	VOL. MAX (CC)	SPEED UP TO (PPM)
FLT 4	60x60	80x200	50	60x60	95x200	80	350