

# Bartelt® IM Fill and Seal Machine



## IM Series

The Bartelt® IM Fill and Seal Machine is a servo-driven, intermittent motion machine that transfers pre-made bags or pouches from a magazine feeder, places them within leading and trailing clamps, opens the pouches, fills and seals them.

### Machine Benefits

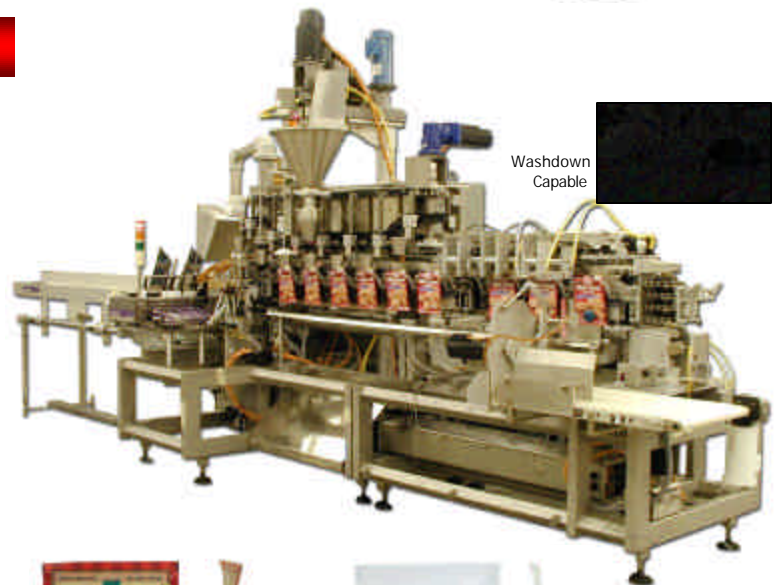
- ◆ Double bag clamps for positive pouch control
- ◆ Immediate push-button changeover
- ◆ Simple to use, menu selectable size "recipes"
- ◆ Accommodates wide range of pouch sizes, film weights, and pouch styles including:
  - ◆ Die-cut and shaped pouches
  - ◆ 3 and 4-side seal fin pouches
  - ◆ Delta-Pac stand up pouches
  - ◆ Bottom gusset pouches
  - ◆ Side gusset pouches
- ◆ Ability to add slider or press-to-close zipper
- ◆ Speeds of up to 100 pouches per minute (product dependant)
- ◆ Multiple fill capabilities
- ◆ Filler interfaces: augers, volumetric, scale, and liquid
- ◆ Clean design, fall through, wash down capability
- ◆ Open pouch detection to reduce scrap
- ◆ Reject capability prior to top sealing to reduce waste
- ◆ Superior seal integrity through touch screen control of pressure, time, and temperature
- ◆ Fill and seal pouches of light gauge films
- ◆ Small machine footprint
- ◆ Conveyor for convenient pouch loading and buffer during high cycle rates

### Automatic Filling and Sealing Benefits

- ◆ Reduces labor costs
- ◆ Increases output efficiency
- ◆ Logistics efficiency: separate bag making from filling and sealing

### Pre-Made Benefits

- ◆ Minimum changeover
- ◆ Inexpensive way to get new products to market
- ◆ Cost-effective for small runs
- ◆ Ability to run bags with unique die-cut shapes
- ◆ Make generic pouches for branding later

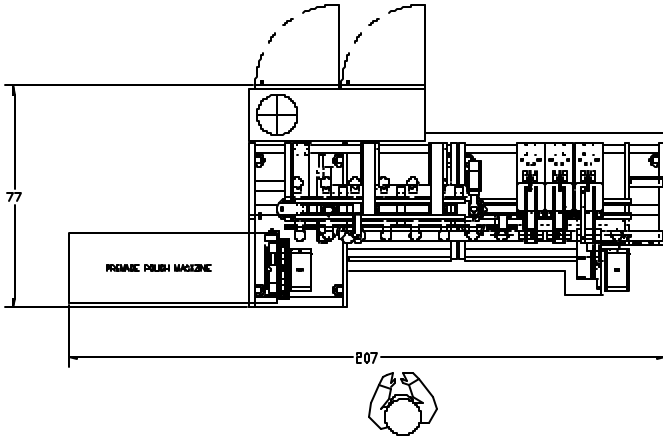


### Standard Features In Base Machine

- ◆ Heavy duty, stainless steel, modular, metric construction
- ◆ Allen-Bradley PLC
- ◆ Pendant-mounted, color touch screen with "recipe" storage capability
- ◆ Pre-made pouch magazine and feeder (adjustable)
- ◆ One tooling "nest" for pouch placement
- ◆ Servo-driven transfer system for high speed pick and place
- ◆ Double bag clamps with pneumatic openers
- ◆ Servo-driven vacuum openers
- ◆ Servo-driven diving funnel at vacuum open station to maximize fill opening
- ◆ Servo-driven traveling funnel conveyor to maintain pouch control and increase fill time
- ◆ Three fill stations
- ◆ Adjustable product support floor for heavy fills
- ◆ Reject system separate from discharge
- ◆ Top seal station
- ◆ Servo-driven pick-off
- ◆ Full-color touch screen operator interface
- ◆ Transparent, interlocked safety guarding
- ◆ One set of equipment documentation

**BARTELT IS THE PULSE OF PACKAGING**

# Specifications



Pouch Dimensions	
Min.	3" x 3" 77 x 77mm
Max.	7.75 x 14" x 4" 196 x 355 x 101mm

(Change parts may be necessary.)

## Options

- ◆ Compact and portable water chiller
- ◆ Discharge conveyor
- ◆ Top seal pre-heat and cool
- ◆ Moving product support floor for heavy fills
- ◆ Single or multiple fill depositors with removal of funnel system
- ◆ Inkjet coding of pouches
- ◆ Hole punch in top seal
- ◆ Overweight reject system
- ◆ Product settler
- ◆ Pouch deflation
- ◆ Gas flush system
- ◆ Top seal cleaner
- ◆ Bartelt® fillers
  - ◆ ES Servo Auger
  - ◆ Vibratory Rotary Cutoff
  - ◆ Volumetric Sliding Gate
  - ◆ Volumetric 6-Cup
- ◆ Liquid pumps, scales, and other fillers
- ◆ Dust collection provisions
- ◆ Oxygen scavenger or desiccant feeder
- ◆ Additional sets of manuals
- ◆ CE, UL, CSA, USDA Compliance

**Power:** 460V, 60 Hz, 3-phase

**Pouch Materials:** Most heat sealable films

**Control:** 24 VDC

**Air:** 80 psi

**Materials and Finishes:**

**Frame:** Stainless steel tubing

All other parts are stainless steel, industrial plastics, or anodized aluminum

