Filling open moth polypropylene bags at High-Speed

Presented

to

IAOM

November , 2010

Fill Polypropylene at speed

Loading the bag
Filling of the bag
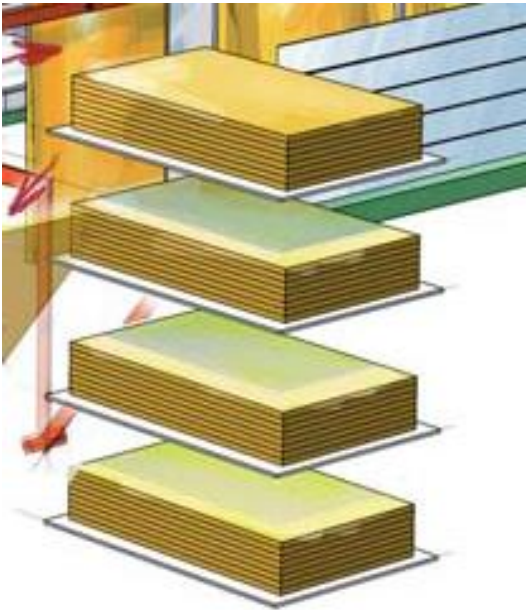Settling of the product
Changeover

FAWEMA

Loading the bag

- Elivator bag magazine

- Able to load any type of bag into the machine
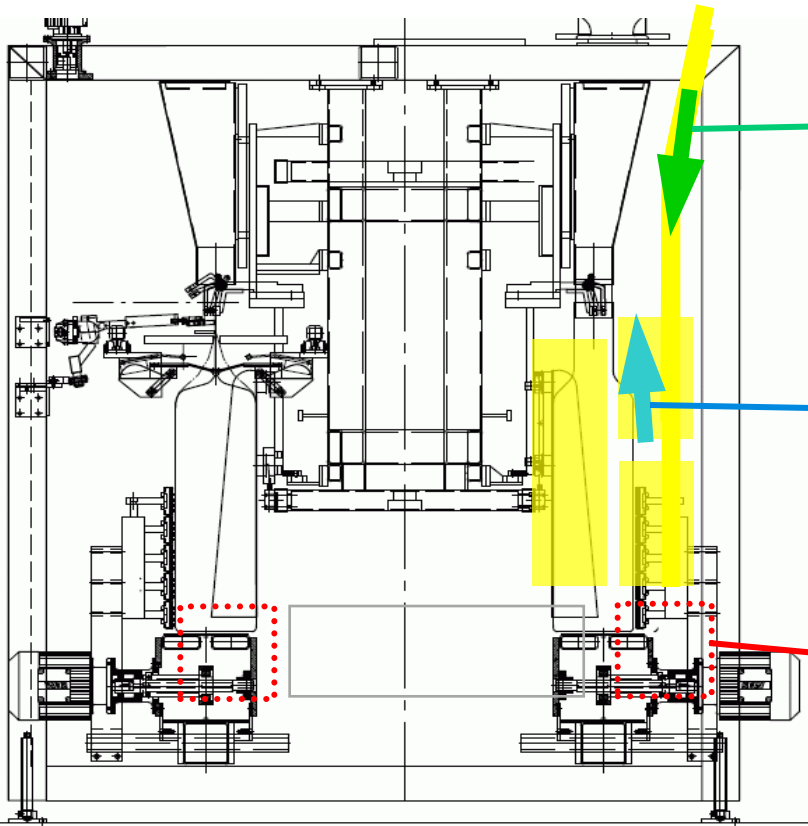
FAWEMA

Filling of the bag

- Clamping the bag ensures proper filling of any bag size or type

- Keeping the bag clamped to the hopper while moving improves speed of machine
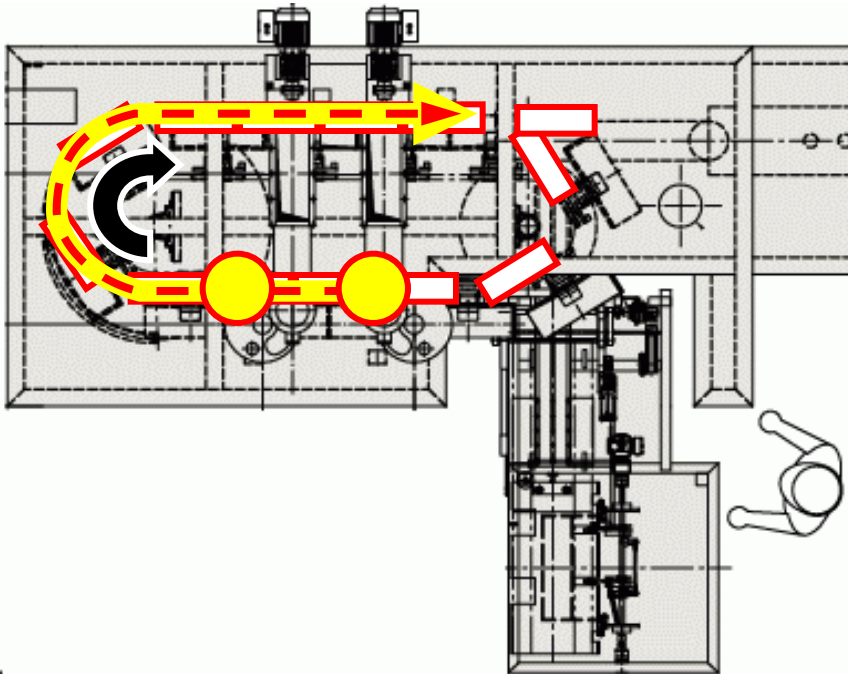
FAWEMA

Filling of the bag

Flour slides on the Inside of fill hopper

Air can freely escape through fill hopper, without being trapped in bag

Vibrating Track

FAWEMA

Settling of the product

- The Bag is suspended on the vibration track

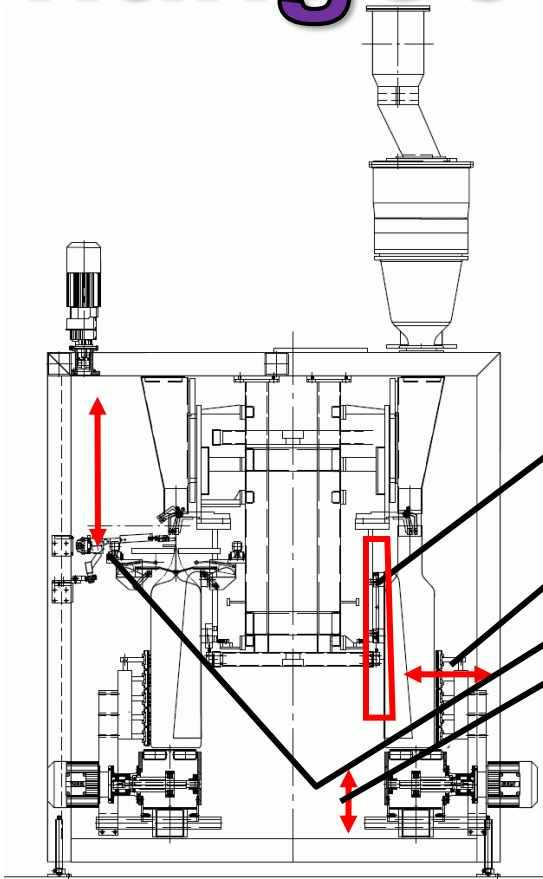- The product is setteld for the total duration of the track

FAWEMA

Changeover

- Selecting the program on the touch pannel changes all servo related changes

- Minimal machanical changes required for change in bag size

FAWEMA

Changeover

- Size Change Steps
  - Program selection via HMI
  - Magazine Height adjustment
  - Replacement of cassettes
  - Adjustment Track Width
  - Height Shoulder former
  - Height Adjustment of Track
  - Distance of Transfer Clamps
  - Height Closing Device
- Size Change Downtime
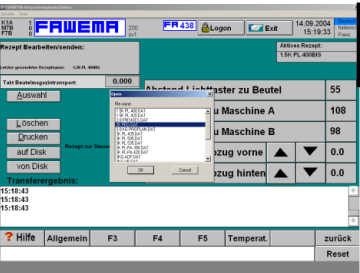 - Bag length only: 2 min.
  - All bag dimensions: 15 minutes

FAWEMA

Changeover

STEP 1

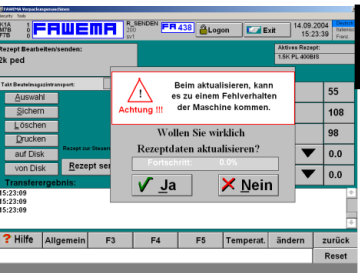- Select [Bag Sizes] touch screen panel, this opens a new screen
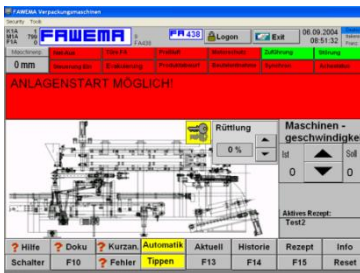
STEP 2

- Press [Selection] button to open list
- Choose from list and confirm "OK"

STEP 3

- Confirm the selected size parameters prior to transferring the machine data

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Changeover

- Split dosing hoppers for easy access

- Quick-removable in-feed augers

- Open floor design due to suspended machine

- Machine floor can be designed with cleaning openings

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Weight range:	**10 to 25 kg** **(depending on version)**
Output:	**20 bags/minute for 25 kg** **30 bags/minute for 10 kg**
Bag sizes:	**Min 260 x 080 x 0550 mm** **Max 420 x 200 x 1000 mm**
Application:	**dry, free-flowing powders or granulates**
Typical examples:	**wheat flour, flour mixes**
	Special version: **for granules such as pet food**

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The End

Thank you