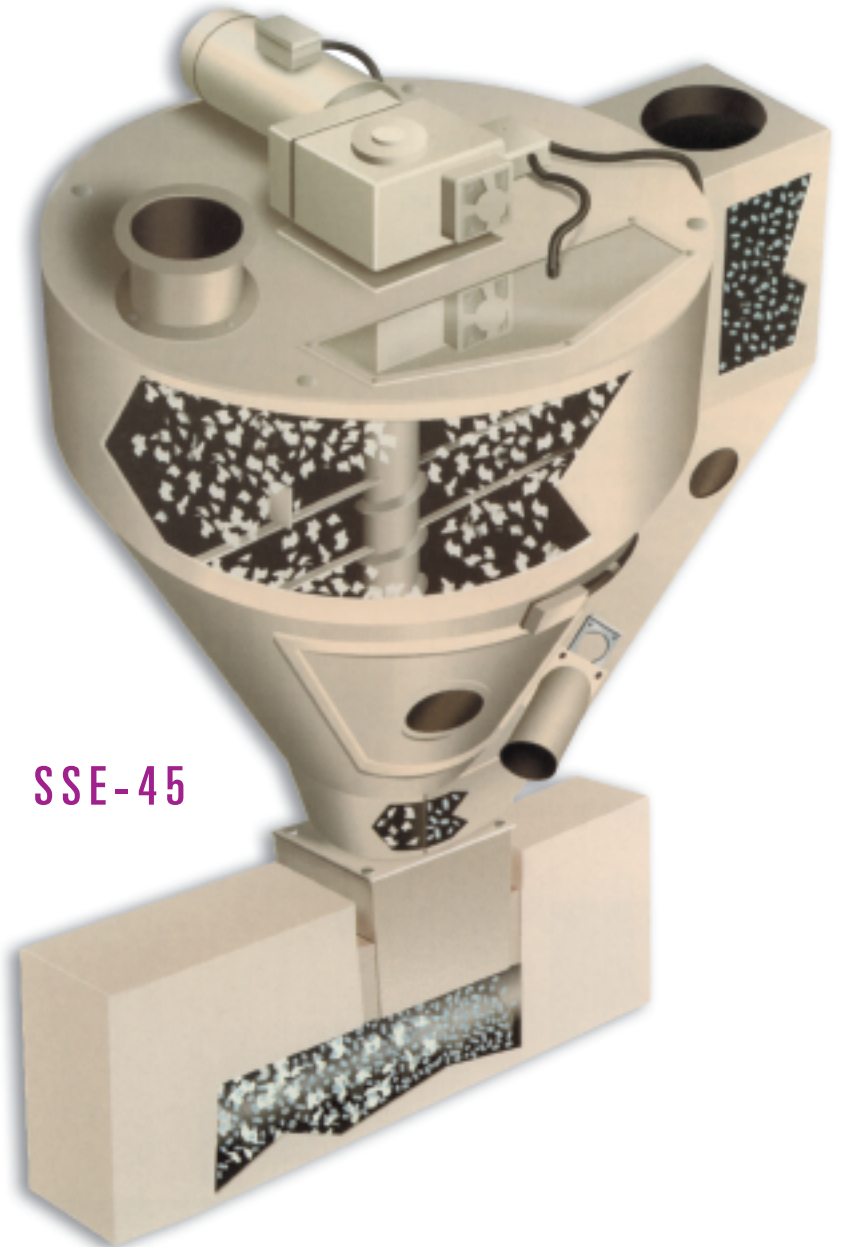




## SSE Series Surge Stopper



### Purpose

Provides a controlled amount of reclaimed scrap film fluff to a virgin blend.

### Application

Scrap and trim reclamation systems for cast and blown film production lines.

# SSE Series Surge Stopper

Recommended for extruders with obround or rectangular throat sizes.

## Operation:

The SSE Surge Stopper contains two separate hopper chambers for virgin resin and scrap fluff. Virgin resins or blends are kept completely separate from the scrap fluff until both enter the extruder screw. A High-Efficiency Cyclone receives fluff from a Granulator and loads it into its section of the divided hopper. Virgin resins or blends are gravity fed through the adjacent virgin chamber into the extruder throat. Fluff is auger-fed into the extruder screw while resin is gravity fed to satisfy extruder throughput demand. The auger is driven by a variable speed motor linked to the speed of the extruder. Thus, any changes in throughput are followed by the Surge Stopper. This eliminates inconsistent feeding and related extruder surging. Agitator arms prevent bridging and "loss of feed" in the extruder. Virgin flow automatically compensates for the presence or absence of fluff with no loss of production. An internal limit switch in the fluff hopper slaves the unit to a granulator roll feeder, allowing edge trim and roll scrap to feed simultaneously. The film reclaim operation becomes a closed loop by automatically adjusting the fluff feeding to the extruder.

## Features:

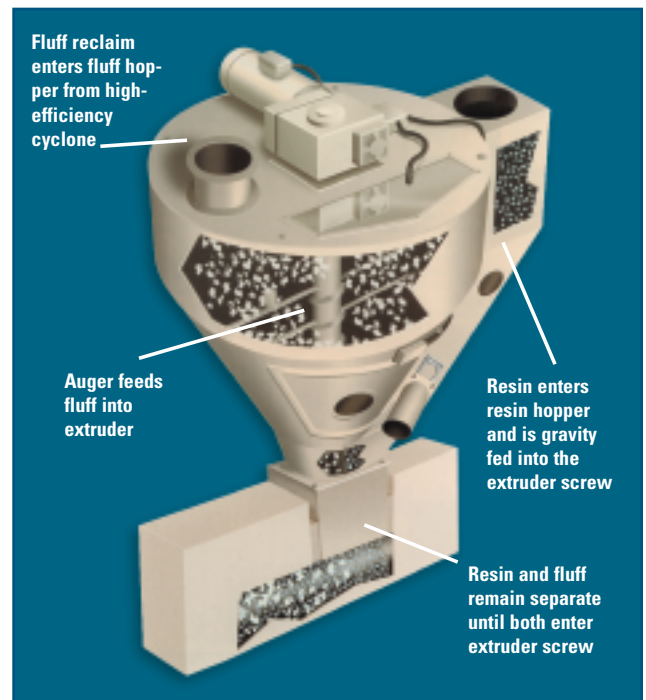
- Direct edge trim and roll scrap recycling without densifying or pelletizing.
- Closed loop film reclamation for reduced risk of contamination.
- Consistent ratio of virgin resin to reclaimed fluff.
- Custom fitted to the extruder to provide maximum reclaim benefits without surging or "loss of feed."
- Simultaneous feed of edge trim and roll scrap.

## Options:

- "B" Series, for larger fluff storage capacity.
- Fluff Weighing System.
- Fluff Crammer for 100% reclaim.
- In-line Trim Reclamation System.

| Model No. | Extruder Size |     | Reclaim Rate |       | Drive hp | Grinder Screen |    |
|-----------|---------------|-----|--------------|-------|----------|----------------|----|
|           | Inch          | mm  | lb/hr        | kg/hr |          | inch           | mm |
| SSE-25    | 2 1/2         | 65  | 75           | 34    | 1 1/2    | 1/8            | 3  |
| SSE-35    | 3 1/2         | 90  | 150          | 68    | 1 1/2    | 1/8            | 3  |
| SSE-45    | 4 1/2         | 120 | 300          | 136   | 1 1/2    | 1/8            | 3  |
| SSE-60    | 6             | 150 | 600          | 273   | 3        | 1/8            | 3  |
| SSE-80    | 8             | 200 | 1200         | 546   | 5        | 1/8            | 3  |

Note: Specifications are based on 5 lbs/ft<sup>3</sup> fluff bulk density.



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