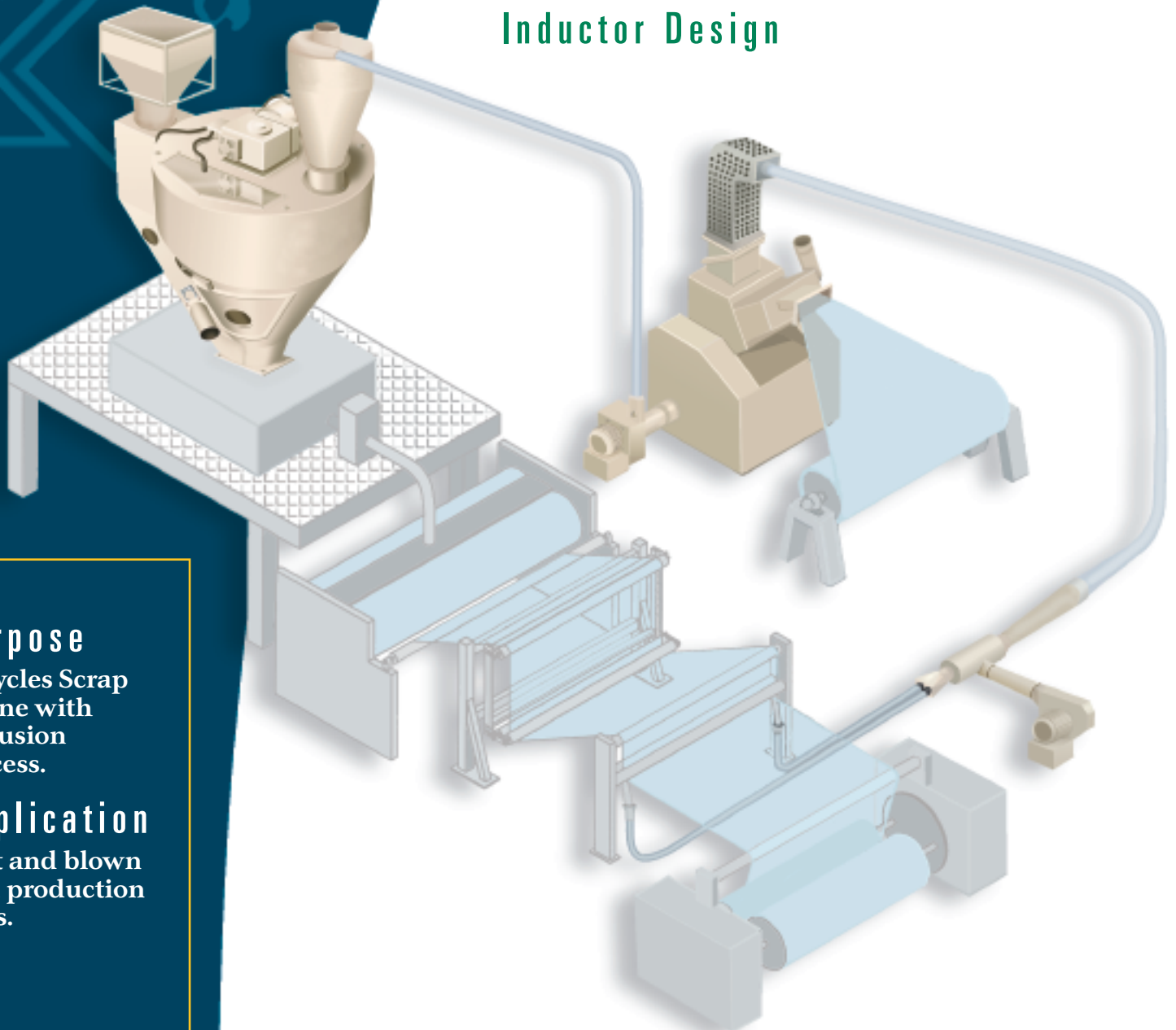




In-Line Scrap Reclamation System Inductor Design



Purpose

Recycles Scrap
in-line with
extrusion
process.

Application

Cast and blown
film production
lines.

In-Line Scrap Reclamation System

Inductor Design

Operation:

The In-Line Scrap Reclamation System is an inductor style design. Edge or bleed trim is picked up at the slitter and conveyed in a continuous strip to the Granulator. Spun metal pickup nozzles provide a steady material flow without snagging. Metalflex hose allows movement of pickup nozzles for varied material width while flow collars help to smooth the product flow and reduce plugging in pickup lines. Special manifolds for bleed and center trims are adjustable and designed to maintain constant transport velocity. The Venturi and Inductor Blower design induces air to convey material to a Trim Receiver mounted on the Granulator, where it is size reduced to a high density fluff for better flow and feed to the Surge Stopper. A Grinder-Evac Blower moves the fluff from the Granulator to a High Efficiency Cyclone which separates density regrind from the conveying air stream. The Cyclone is mounted to the Surge Stopper which is

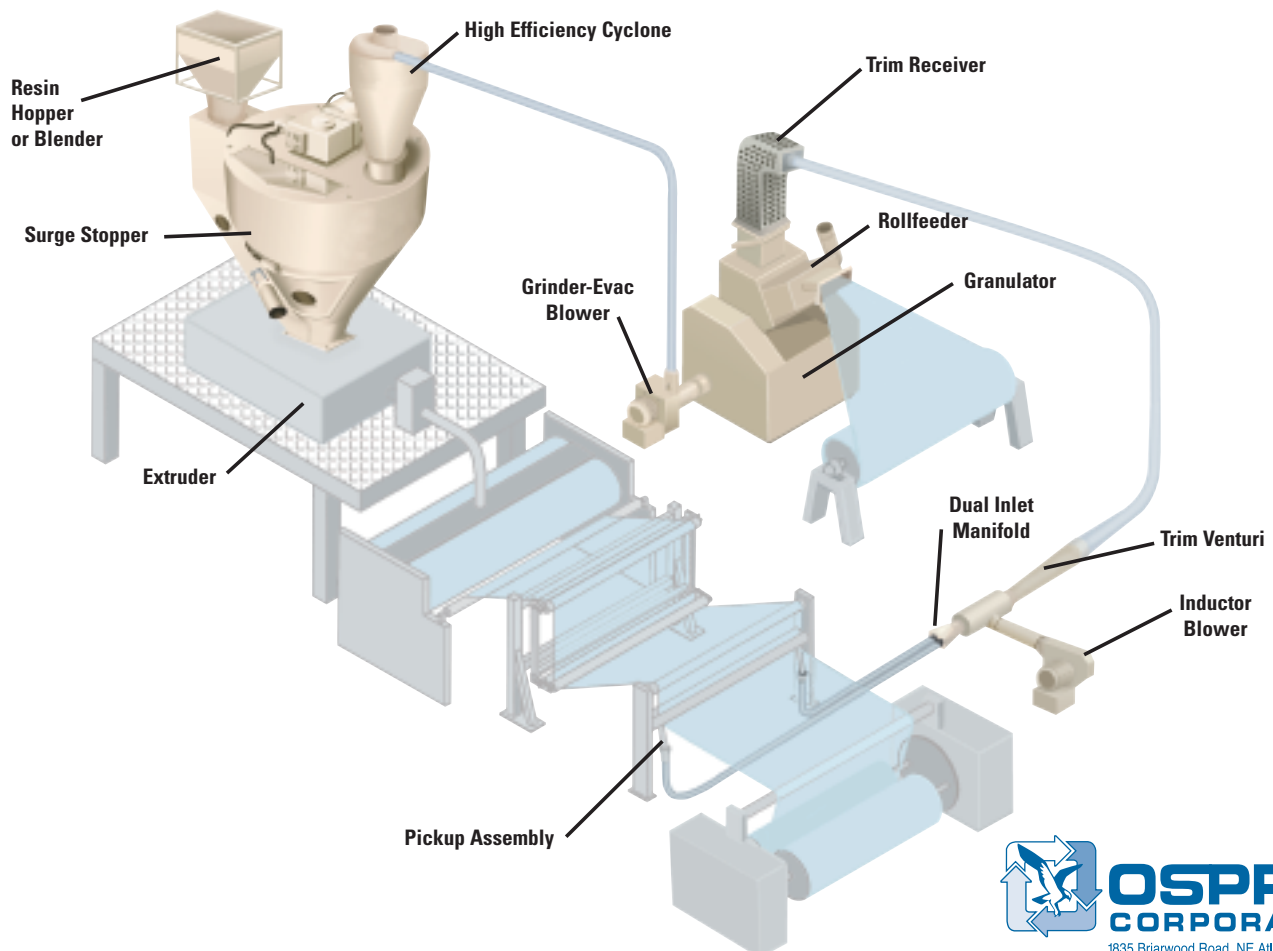
fit to the extruder throat. The fluff is combined with virgin resin in the extruder throat and introduced back into the process. This closed loop design utilizes every pound of resin, regardless of material handling difficulty, eliminating waste, and maximizing profit.

Features:

- Conveys material in a continuous strip to the Granulator.
- Low maintenance operation.
- In-line recycling eliminates unknown factors and optimizes use of virgin resin.

Options:

- Sound reduction packages.
- Rollfeeder for off-line material.
- Dust filtration.



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