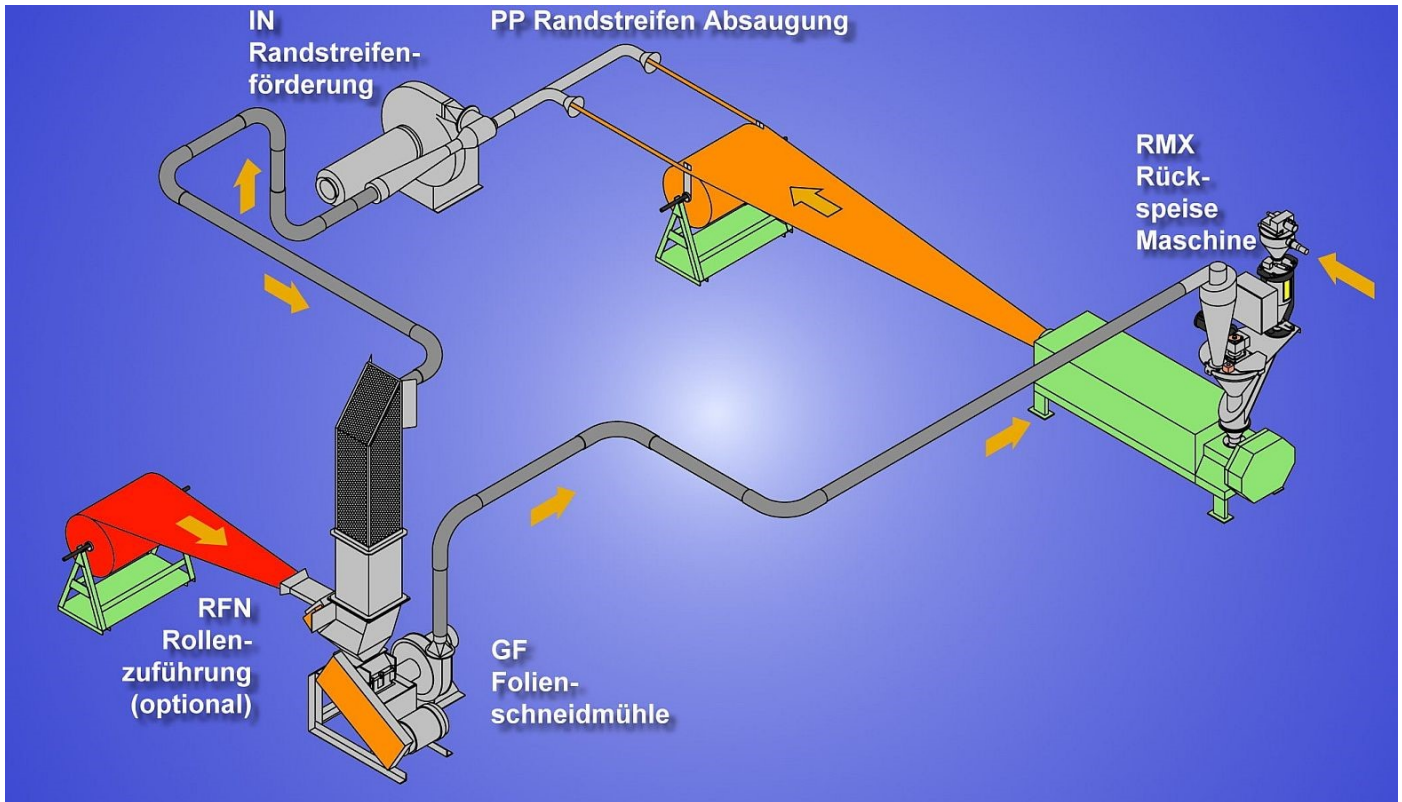


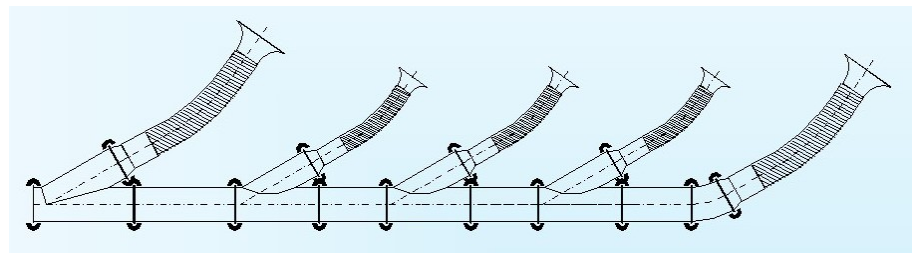
asr[®]

In-Line Recycling



Flow sheet of a typical asr system

PP Trim Pickup Manifolds can be designed in very different ways to refer to the individual trim widths and numbers of trims in a production.



Example: PPX23 for 2 edge trims and 3 bleed trims



Example: IN405, 4kW

IN Trim Removal Inducers. Working with a venturi die. They produce a powerful suction on the inlet side and pressure on the blow out side for a reliable transport of edge and bleed trims. Available in a variety of sizes to fit to different line speeds and materials. 1.1 kW to max. 15 kW.

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GF Film Grinders. The real scissors cut principle ensures a fluff quality which allows very high refeed rates up to 35% (In most cases 25% can be guaranteed). Available in different sizes and different motor horsepowers. 4 kW to max. 100 kW. Carbide coated long-live knives.

RFN Roll Feeder available as an option for scrap on rolls.

AEN Air Eliminator on the top makes sure that the trims get into the cutting chamber without any turbulence.



RMX Refeed Machine. The heart of an asr system. Compresses and feeds the fluff directly into the extruder. This allows a reliable refeed process without pumping of the extruder. Double chamber design. Central chamber for fluff containing the refeed auger and bridge breaker. Outer chamber for virgin material. Comes with a custom made adaptor piece to fit to the extruder. Easy to install and to start-up.

A high-efficiency cyclone on the refeed machine separates the fluff from the transport air.

asr systems are energy saving and avoid a thermal degeneration of the recycled material.

The savings potential is about 90%

Optionen

- **HPF Fluff Silos** to buffer start-up scrap (i.e. in tape lines)
- Pipe material and fittings
- CAD pipe work design



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