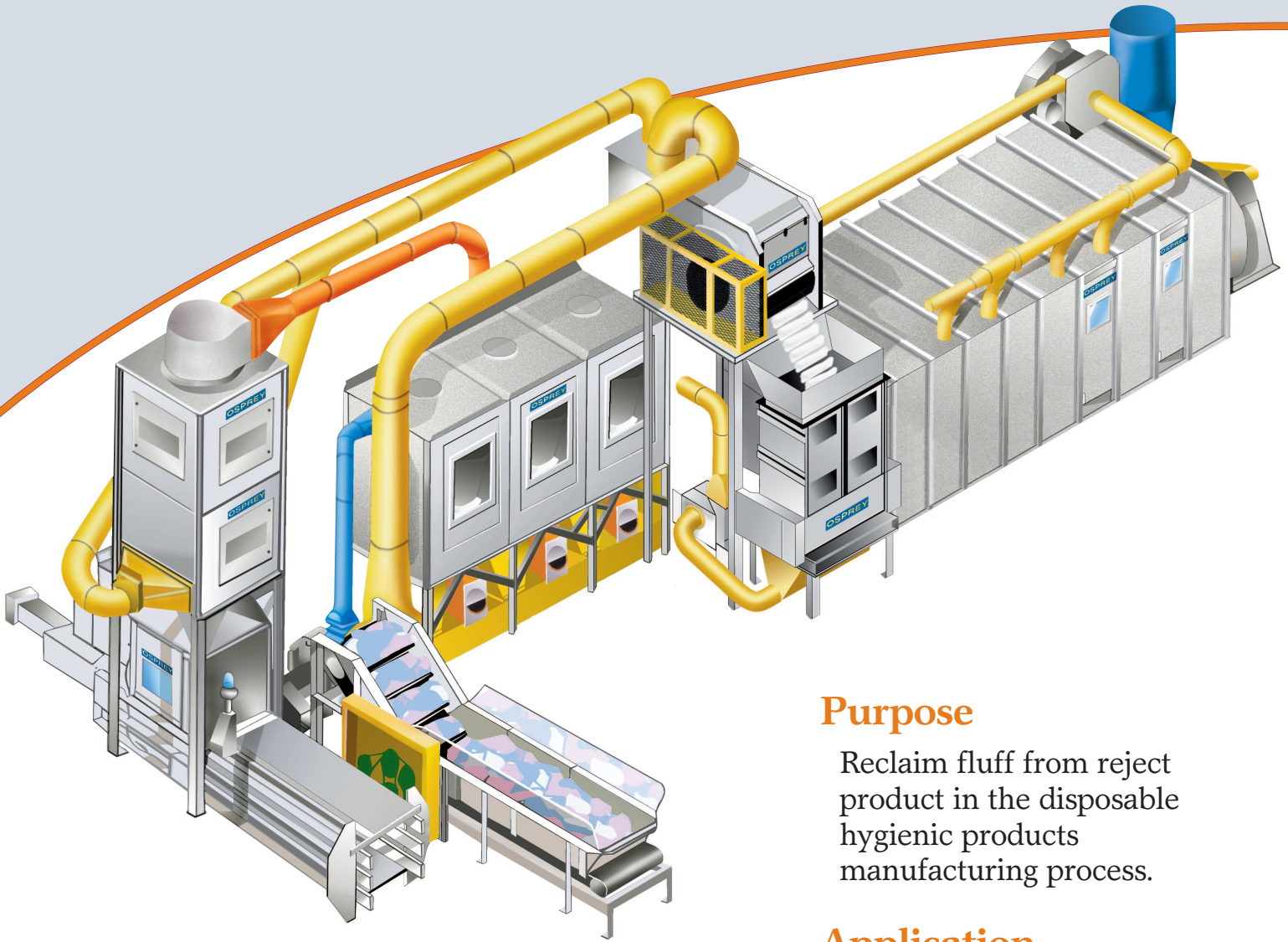


# FLUFF SEPARATION SYSTEM



## Purpose

Reclaim fluff from reject product in the disposable hygienic products manufacturing process.

## Application

Disposable sanitary products manufacturing process: baby diapers, feminine hygiene products, incontinence products, and absorbent pads.



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# FLUFF SEPARATION SYSTEM

## Purpose

Reclaim fluff from reject product in the disposable hygienic products manufacturing process.

- Precise metering of reclaimed fluff to manufacturing process.
- Guaranteed performance.
- Most operations experience a one year return on investment.

## Application

Disposable sanitary products manufacturing process: baby diapers, feminine hygiene products, incontinence products, and absorbent pads.

## Options

- SAP Extraction System.
- Final Filter System.
- Bale Opening System.
- Manual feed systems.
- Complete ducting packages.
- Spare Parts.
- Field Service.

## Features

- Separates fluff of reject product from scrap material (poly and nonwoven).
- Poly and nonwoven collected for baling.
- Fluff can be baled.
- Processes products containing superabsorbent polymer.
- Versatile design allows either continuous separation and metering to process, or independent phases of separation and metering.
- Conveying air provided and cleaned by Osprey Rotary Drum Filter.

## Operation

- Automatic introduction of reject product.
- Pneumatic separation of fluff and scrap.
- Fluff conveyed to Condenser then Hopper for storage or re-introduction to production line.

*Efficiency:* Minimum of 85% to 95% of available fluff.

Model No.	Capacity (Reject Product Input)	Total System Electrical Requirements (Approximate)	Space Requirements (Approximate)
FS-50	150 kg/hr (330 lb/hr)	67 h.p. (50 kw)	500 to 700 ft <sup>2</sup> (46 to 65 m <sup>2</sup> )
FS-150	300 kg/hr (660 lb/hr)	140 h.p. (105 kw)	1800 to 2200 ft <sup>2</sup> (167 to 204 m <sup>2</sup> )
FS-200	400 kg/hr (880 lb/hr)	165 h.p. (123 kw)	2,000 to 3,000 ft <sup>2</sup> (186 to 279 m <sup>2</sup> )