Separation Technology
Introduction

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Product Separation – Why?

- **Legislative Changes – 31st December 2005**
- **Redundant stock**
  - Mispackaging
  - Mislabeling
  - Expired Products
- **Reduce disposal costs**
Automated Separation

Typical Wet Products for Separation:

ENVIROTECH, recycling for the future
Automated Separation

Typical Wet Products for Separation:

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The Turbo Separator is ideal for recovering a diverse range of dry or wet products.

Providing a solution to recycle the separated components.
Turbo Separator

Internal view showing heavy duty construction

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Turbo Separator

Typical Installation

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Wet Products After Separation:

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Stripped Packaging After Separation:

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Dry Separation

- Simple operation for dry products only.
- Pack Saver Machine opens packs and conveys them to the separating chamber.
- Results in clean recovered product.
- Packaging can be recycled.

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Dry Separation

Suitable for:

- Sugar pouches
- Ground coffee
- Coffee beans
- Tea
- Sweets
- Wafers
- Chewing gum
- Chocolate bars
- Biscuits
- Bread
- Raisins
- Nuts
- Flour
- Soup cubes

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Dry Separator

Typical Dry Products for Separation:

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Dry Separator

Typical Dry Products for Separation:

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Volume Reduction

Via Progressive Cavity Pumps (PCPs)

- Handle production waste
- Render waste produce to a transportable size
- Reduce waste produce disposal costs
Volume Reduction

Waste reduction

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Volume Reduction

Waste reduction

Before

After

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Volume Reduction

Re-slurrify production waste for final disposal

Bakery and meat waste

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Any Questions?