

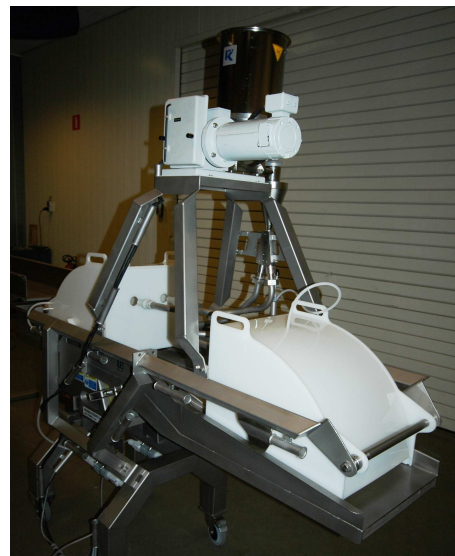


Death of the Drum Mk III

Death of the Drum Mk III is the latest and most advanced version of electrostatic equipment from Spice Application Systems Ltd for the food manufacturing market. By uniquely harnessing the power of electrostatics, coatings such as flavouring oils or dry powders, can be sprayed onto products without the need for a traditional rotating drum, providing improved product quality, reducing wastage and dramatically increasing energy efficiency.

Newly patented worldwide, the system uses electrostatics to attach the coating to the product. A new and innovative dual chamber approach enables base products, such as potato chips, to be coated twice as they travel along a vibratory tray and through the chambers where spice is added. A new flipover system turns products as they pass between the two units, ensuring even greater product adhesion. The spice is atomized as it passes into the chambers, where it picks up the electrostatic charge and is attracted to the base product with the opposite charge. The base product suffers no damage during the whole process and no dust is emitted from the unit.

Contact SAS for a trial
International patents applied for



This system offers the end user major advantages:

- Less spice is needed for the coating process
- Cleaning the system requires a much shorter shutdown time, typically less than two minutes for a high-speed flavour change
- The base product is not damaged in a rotating drum
- No drum means a great reduction in electricity use
- Waste is kept to an absolute minimum with a recycling system if required
- Coating fall-off once in the packet is minimized by the firm and even attachment created in the electrostatic field
- The system can be housed in a dramatically smaller space than previously required, and can be sited immediately before the weigh head or at ground level
- The airflow system within the cabinet means that no dust will emit from the cabinet, ensuring a clean working environment

Spice Application Systems is a world leader in the application of electrostatic technology

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