

11 April 2019

Tomra Sorting Recycling Launches Innosort *Flake* Featuring Dual-Sensor Sorting Capability

TOMRA Sorting Recycling extends its offering of high-precision flake sorting solutions with the innovative INNOSORT FLAKE sensor-based solution that combines color and material sorting, reliably removing PVC, metals and opaque flakes. It is the ideal all-in-one sorting solution for plastic recovery facilities, which ensures constant and high-quality output as well as high throughput - at attractive conditions.

TOMRA Sorting Recycling presented the new INNOSORT *FLAKE* at PRSE (Plastic Recycling Show Europe). Presented under the slogan “Materially different with excellent results”, the innovative PET flake dual-sensor sorting solution is equipped with the unique combination of RGB cameras and ultra-high resolution NIR sensors from the market leader TOMRA to sort plastic fractions from 2 to 12 mm by color and simultaneously by polymer types.

TOMRA Sorting's Product Manager Recycling, Valerio Sama, stated: “As the rPET industry is focused on better rates for high-grade outputs, INNOSORT *FLAKE* offers a perfect all-in-one solution for plastic recovery facilities looking to achieve high-quality yields, reduce loss and optimize their operations to improve the cost structures of their business.”

Premium rPET grades with high yields

INNOSORT *FLAKE* features TOMRA's patented FLYING BEAM® technology – the secret to its great accuracy. The high speed, high precision NIR sensors enable 2mm polymer recognition, significantly reducing loss of valuable PET flake material, with final losses averaging below 2%. The sensor detects the material properties of a broad range of polymers, so that contaminants such as PVC, PE, PP, PA and POM are eliminated, resulting in higher quality yields. The reliable removal of PVC, metals and opaque flakes results in rPET grades that meet the high quality standards that attract better rates, ensuring greater profitability of the customer's product output.

Low operating costs and fast return on investment

The continuous calibration feature enables customers to monitor and optimize the performance of their operations on a real time basis. This results in increased stability and less downtime of the system while achieving constant high-quality yield. Additionally, innovative and accurate lighting technology results in up to 70% energy savings and decreases the operating costs. INNOSORT *FLAKE* is offered at attractive conditions which, combined with the low operating costs and high profitability, result in a fast return on the customer's investment.

With its ultra-high resolution, specialized sensor configuration and throughput rates up to 4.5 t/h, INNOSORT *FLAKE* proves that quality yields and high throughput can be easily attained.

Press Information

INNOSORT *FLAKE* has already proved successful in the Chinese market, where it was launched in September 2018, with customers appreciating the high purity, low loss rate and high throughput.

A complete offering of high-precision sorting solutions for the rPET industry

INNOSORT *FLAKE* extends TOMRA's offering of high-precision sorting solutions, which include the award-winning **AUTOSORT *FLAKE***, the first to successfully and simultaneously combine detection of color, enhanced material information and metal objects. These extremely effective systems optimize flake sorting applications and ensure minimal downtime.

For more information on INNOSORT *FLAKE* visit <http://innosortflake.tomra.com/>

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About TOMRA Sorting Recycling

TOMRA Sorting Recycling designs and manufactures sensor-based sorting technologies for the global recycling and waste management industry. Over 5,500 systems have been installed in almost 80 countries worldwide.

Responsible for developing the world's first high-capacity near infrared (NIR) sensor for waste sorting applications, TOMRA Sorting Recycling remains an industry pioneer with a dedication to extracting high purity fractions from waste streams that maximize both yield and profits.

TOMRA Sorting Recycling is part of TOMRA Sorting Solutions which also develops sensor-based systems for sorting, peeling and process analytics for the food, mining and other industries. TOMRA Sorting is owned by Norwegian company TOMRA Systems ASA, which is listed on the Oslo Stock Exchange. Founded in 1972, TOMRA Systems ASA has a turnover of around €876m and employs ~4,000 globally.

For more information on TOMRA Sorting Recycling visit www.tomra.com/recycling or follow us on [LinkedIn](#), [Twitter](#) or [Facebook](#).