



Plastics

Production security through machine protection



MAH SING Plastics Industries
Sdn Bhd (Malaysia)
Product: RAPID VARIO-FS

RAPID VARIO-FS from Sesotec inspects bulk material with minimum loss of good material to protect the machinery and to minimize production downtime.

Mah Sing Plastics Industries Sdn Bhd (MSPI), one of the largest high-tech plastic manufacturers in Malaysia, has a major local market share and is recognized for its trustworthiness and reliability.

They supply local and international businesses with a wide range of plastic products such as plastic pallets and plastic containers. MSPI wanted to inspect raw materials such as Polyethylene (PE) or Polypropylene (PP) before entering the manufacturing process to assure product security. Therefore, MSPI was commissioning JS Analytical to offer a system for separating any metal contamination from those raw materials.

JS Analytical, part of the Osnab Group from Malaysia, is a solution provider of metrology, analytical and detection equipment serving various industries. They are representing Sesotec metal detectors and separators in Malaysia. Through outstanding personalized professional customer service, they propagate the benefits of these technologies and provide the needed equipment to satisfy their customers.



During a visit, a technician from JS Analytical set-up a RAPID VARIO-FS metal separator from Sesotec and gave a live-testing showcase on how the unit could improve MSPI's raw materials' quality without causing any production stop.

Sometimes there are cases where small metallic impurities enter the production process and may end up damaging the processing machine. To repair the machine, the factory will have to shut-down their work operation for reparation which means a huge loss in production especially if their line operates 24 hours a day.

The RAPID VARIO-FS from Sesotec is a metal separator for free fall applications. It detects all magnetic and non magnetic metal contaminations (steel, stainless steel, aluminium) – even when enclosed in the product. Metal contaminations are rejected through the “Quick Flap” reject unit, with minimum loss of good material.



In the test made for MSPI, the RAPID VARIO-FS showed a 100% result detecting and separating metallic parts mixed into the inspected plastic resins.

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The Sesotec group is one of the leading manufacturers of machines and systems for contaminant detection and material sorting. Product sales primarily focus on the food, plastics, and recycling industries.

www.sesotec.com**Metal detection systems****X-ray inspection systems****Sorting systems****Magnet systems**