

Vac-U-Max Signature Series conveying systems. Source: Vac-U-Max The historical trends that impact powder conveying have only accelerated in recent years. The rise of ever more specialized materials have

says.

necessitated greater accuracy. "Compounding has become more sophisticated," Kennedy says. "There are new kinds of functional recipes for fire resistance, for health care, for biodegradable and new hybrid products mixing plastics with other materials. There is much more need for accuracy and quality control." At NPE2024, Vac-U-Max will also seek to connect with businesses that are using recycled material in their products, a change from past shows where the focus would have been squarely on users of powdered ingredients.

The irregular shape and properties of recycled plastic flakes present their

considers non-free-flowing materials such as recycled plastic waste to be its

specialty. "Recycled plastics are the epitome of non-free-flowing," Kennedy

own challenges, and these materials are often being mixed with wood

flour, fiberglass or abrasives to make composite materials. Vac-U-Max

safety, minimizing exposure has become a priority for facilities. Loose dust from manual dumping and refilling can be both an inhalation and combustible hazard, and vacuum conveying can serve to minimize those issues. "Dust can build up on rafters, on top of machinery — and some of the ingredients in compounding can be an immediate health hazard,"

Kennedy explains. "When you move things by vacuum conveying, even if

As health information and labor agency have raised the bar for worker

you do have a leak, it is less of a problem." This is because the pressure differential tends to pull dust toward the equipment rather than disperse it out into the surrounding area. Vac-U-Max conveying systems for powders and granules can work with scales from the handful size up to 25,000 lbs/hr. **NPE 2024 VAC-U-MAX** will be exhibiting new **NPE**2024 technology at NPE 2024 in Orlando, FL this May. The Plastics Show

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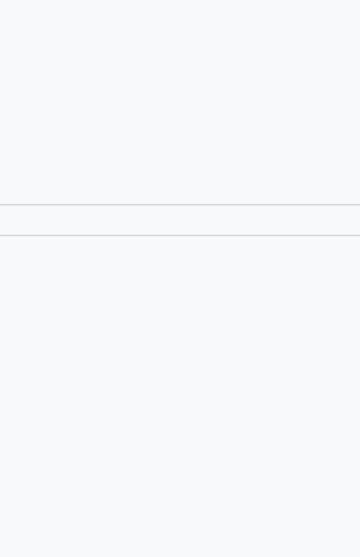
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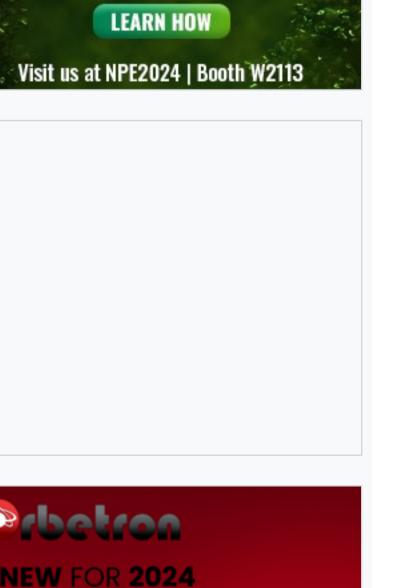
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