

# SPOTLIGHT



Look for more details about this product in the April issue of RPN – focus on optical sorting.

## ColorPlus-R enables opaque colour detection

The new ColorPlus-R from National Recovery Technologies (NRT) uses an advanced image processing system to detect materials based on colour analysis and object recognition, and features the ability to colour-analyze opaque objects such as black plastics.

All models in the ColorPlus line employ transmissive detection, placing materials between the light source and the detection camera, providing very strong signal strength and accuracy. In addition to transmissive detection, the ColorPlus-R has added a second LED light source above the material to facilitate reflective detection. According to NRT, whereas opaque materials were previously only recognizable as objects, the ColorPlus-R's simultaneous use of reflective and transmissive detection makes colour analysis possible. ■

## Clutchless drive option now available for select hand-fed chippers

Now available on select Bandit disc and drum style hand-fed chippers, a new clutchless drive option replaces a traditional friction plate clutch with a mechanical engagement of the drive belts. This clutchless drive reduces maintenance (including greasing and adjustment) and downtime associated with maintaining friction plate clutches, and significantly reduces chipper maintenance and downtime by eliminating drive belt adjustments, engine position adjustments as well as grease points associated with the clutch. Only the drive belt requires replacement when needed, as per standard operation, and the clutchless drive will not decrease belt life under normal use.

"Improper clutch engagement or machine abuse often leads to burnt clutches and that can lead to expensive repairs," said



Bandit Industries sales manager Jason Morey. "On Bandit clutchless hand-fed chippers, damage from improper use is typically limited to the main drive belt, which is far easier and less expensive to maintain or replace than a clutch." ■



## Precision granulator knives engineered for more uptime

Designed for the plastic, rubber and recycling industries, high-performance granulator knives from D&S Manufacturing, a division of Hyde Industrial Blade Solutions (IBS), are machined to exacting tolerances for higher productivity and longer life under the toughest conditions. Ideal for recycling plastic bottles, tires, trash cans, car parts or nonferrous metals, these durable knives are engineered to last long and deliver trouble-free performance. These granulator knives are manufactured from a broad spectrum of materials, are set for tighter tolerances, and range in size up to 54 inches in cutting width. ■

## MB Revolution reaches fourth generation

The latest from MB CRUSHER, the model BF90.3 S4 Crusher Bucket, is more powerful and includes multiple updates over the original model, the BF90.3. Suitable for all crushing operations in aggregates and C&D applications, MB Crusher Buckets are designed to maintain the same results in terms of performance with all types of inert material. This latest model has been optimized with a functional restyling of the internal structure which allows for an increase in productive performance, strength and improved reliability in terms of stability and working precision. It features increased options for the regulation of materials in output. Plus, the BF90.3 S4 features a reduction in standard maintenance time thanks to an integrated centralized greasing system, as well as increased resistance and performance, even in extreme conditions, thanks to higher levels of power and strengthening of parts and sections that are subject to the most stress and wear. ■



## myE-Crane application launched

E-Crane International USA has announced the roll out of the "myE-Crane Application." This simple-to-use app works with a smartphone and keeps management, operators and maintenance technicians of E-Crane heavy-duty, stationary material handlers for scrap and bulk handling applications, up to date and informed in real time, as well as directly connected to the E-Crane company service group. All communication and actions are data based, preventing miscommunication, and the system uses a secure iPad located in the operator cab that lets the operator report a problem or parts/service request with the click of a button. According to E-Crane, this app will completely streamline the technician deployment process, shorten response time, reduce downtime and provide instant reports for E-Crane customers. ■

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