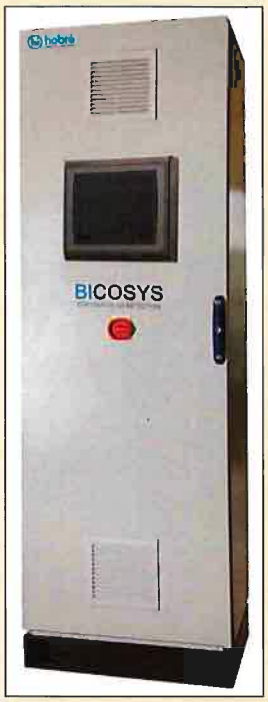
Fike and Hobré form partnership

Fike Corporation, specialists in industrial safety solutions, has partnered with Hobré International, a process analytics company, to improve fire and explosion prevention in industrial drying systems. The collaboration focuses on mitigating the risks associated with spray dryers - common in food, beverage, and pharmaceutical manufacturing - which accounted for nearly 18% of all reported fire and explosion incidents in 2023, according to Dust Safety Science.



Spray dryers are particularly vulnerable to ignition hazards caused by product buildup and smoldering under high heat. Hobré's BICOSYS system detects the earliest stages of smouldering by monitoring carbon monoxide (CO) levels, identifying combustion up to 30 minutes before a fire could start. By comparing CO concentrations at both the dryer's inlet and outlet, BICOSYS helps prevent false alarms while providing accurate, real-time safety data.

"This technology fills an important role in Fike's explosion prevention efforts," says Jan-Bart Seymortier, Fike's Director of Sales, Europe. "Early detection can prevent fires and deflagrations, reducing downtime and protecting both people and equipment."

The partnership also includes Hobré's HICOSYS humidity monitoring system, which provides precise control to prevent sticky product buildup - further reducing smouldering risks. Together, the companies aim to deliver integrated safety solutions that enhance reliability and lower operational costs.

fike.com

Beumer's strategy to strengthen its digital capabilities

Beumer Group has announced the full integration of its digital ventures Codept and Elara into the company's corporate structure. Both firms were originally developed within Beumer's in-house incubator, Beam, and will now operate as wholly owned subsidiaries.

The move is part of Beumer's broader strategy to strengthen its digital capabilities and support customers in addressing key logistics and maintenance challenges. Codept, founded in 2019, provides an integration platform that links logistics service providers with online retailers, regardless of existing ERP, WMS or marketplace systems. Its no-code approach streamlines onboarding, while more than 40 system integrations allow for greater flexibility and scalability across fulfilment operations.

Elara, launched in 2020, offers a cloud-based maintenance management system already in use at airports, logistics hubs and manufacturing facilities. The platform enables predictive maintenance, spare parts transparency and reduced downtime, helping operators lower costs and improve efficiency.

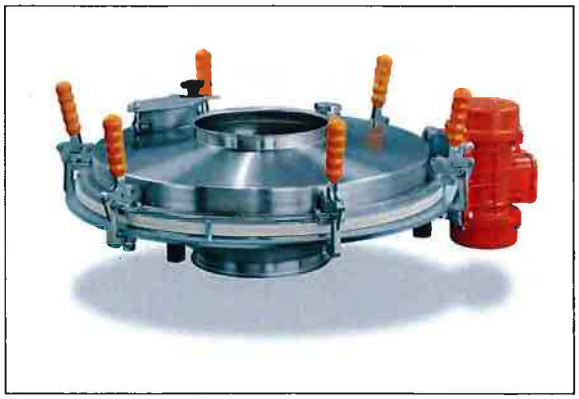
Elara dashboard.

Codept dashboard.

Beumer said both companies will retain their leadership teams and entrepreneurial structures while benefiting from greater alignment with the group's global innovation strategy. The integration underlines Beumer's goal of delivering market-ready innovations on a regular basis, reinforcing its position as a partner for digital transformation in intralogistics.

www.beumer.com

Sifting is not simply sifting

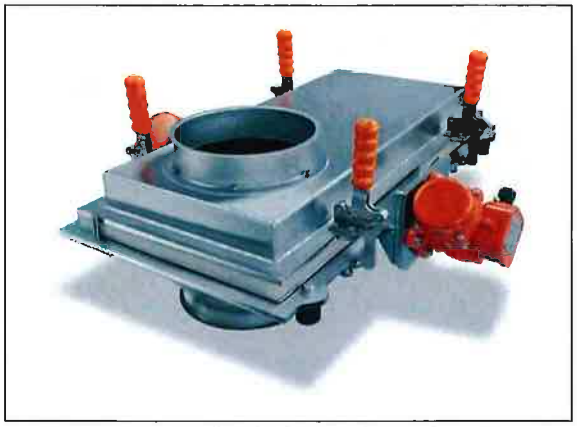


Contromat VR 630 control sifter without overflow for oversize material.

Industrial sifting may appear straightforward, but the process varies greatly depending on the material, application, and desired outcome. From food and pharmaceuticals to plastics and chemicals, selecting the right sifting technology is essential for ensuring product quality, efficiency, and cost-effectiveness.

Fuchs Maschinen AG, Switzerland, outlines some of the technology options

- **Vibratory sifters** are the classic and most cost-effective solution, ideal for control or safety sifting to remove unwanted particles from good product. They are versatile, suitable for dedusting bulk materials, and offer a good balance between simplicity and performance.



Contromat VE 450 control sifter with overflow for oversize material.

- **Cyclone sifters,** or rotary sifters, use a high-speed rotor to throw material through a cylindrical basket. Fines are separated by centrifugal force, while oversized particles are discharged. These compact systems deliver high throughput with minimal space requirements.
- **Tumbler sifters** provide gentle yet highly precise sifting. Their eccentric, oscillating motion creates a slow, tumbling action, protecting both product and machine. The result is quieter operation and more accurate particle separation compared to standard vibratory sifters.
- **Plansifters,** such as Fuchs' Siftomat series, combine precision and practicality. With adjustable slopes and multiple sieve decks, they allow fine-tuned control of dwell time and flow rate. Quick to dismantle and clean, these sifters are particularly valued in the food and pharmaceutical industries. Their robust design and long service life make them ideal where precise particle separation is essential, such as in plastics masterbatch production.

Siftomat plansifter with bagging device in the food industry.