

Feeder Modernization: Upgrade Your Feeder for Enhanced Efficiency and Performance



Accurate and consistent feeding of raw materials is essential for producing high-quality products with uniform properties.



Reliability

Minimizing downtime and maintenance needs.



Efficiency

Reducing energy consumption and operational costs.



Performance

Ensuring optimal material flow and handling.

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Option One: Motor Technology

Suitable for customers with Coperion K-Tron gravimetric feeders equipped with DC or AC motors who would like to make the switch to servo motors.

Why make the switch?



High turndown capability can minimize the need for feeder configuration changes such as screws, tubes and gear ratios.

Tremendous turndown (up to 2000:1 RPM) without overheating or loss of torque.

Increases energy efficiency and expected motor lifetime.



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Option Two: Feeder Controls

Coperion K-Tron Feeder Controls have been continually updated over the years. The newly redesigned KCM-III comes equipped with a range of innovative features and is fully prepared for Industry 4.0 functions.



- ✓ Better responsiveness and control
- ✓ Higher feeding accuracy with advanced algorithms
- ✓ State-of-the-art diagnostic capabilities

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Option Three: Auxiliary Equipment

Depending on your feeder, process and environment, you can benefit from adding auxiliary equipment.

Electronic Pressure Compensation EPC

Uses pressure sensor for better process control.

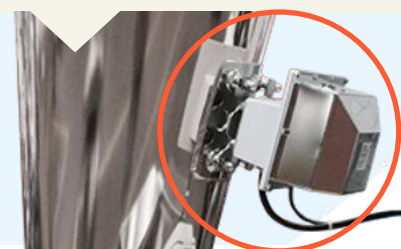
Benefit: Eliminates the effects of pressure fluctuations on the scale for improved accuracy.



ActiFlow Bulk Solid Activator

To optimize material flow and reduce blockages.

Benefits: Enhanced feeding consistency and reduced downtime.



Our Tip: Field Evaluation Kit

Toolkit for assessing pressure fluctuations which may be affecting your feeder, and evaluating the benefits of adding EPC to your system.



Coperion is the industry and technology leader in extrusion and compounding systems, feeding systems and bulk material handling plants.

For more information please visit www.coperion.com or contact info@coperion.com

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