



PRECISION DOSING IN ANIMAL FEED PRODUCTION WITH SIEMENS CORIOLIS METERS

BACKGROUND

Process Instrument Solutions has a long-standing relationship with a leading animal feed mill, supplying three generations of Siemens SITRANS F Coriolis meters over the years. These include the MASS2100, the FCS430, and the latest FCS520, all of which are used to accurately measure doses of high-value enzymes and fats essential for animal nutrition.

SIEMENS

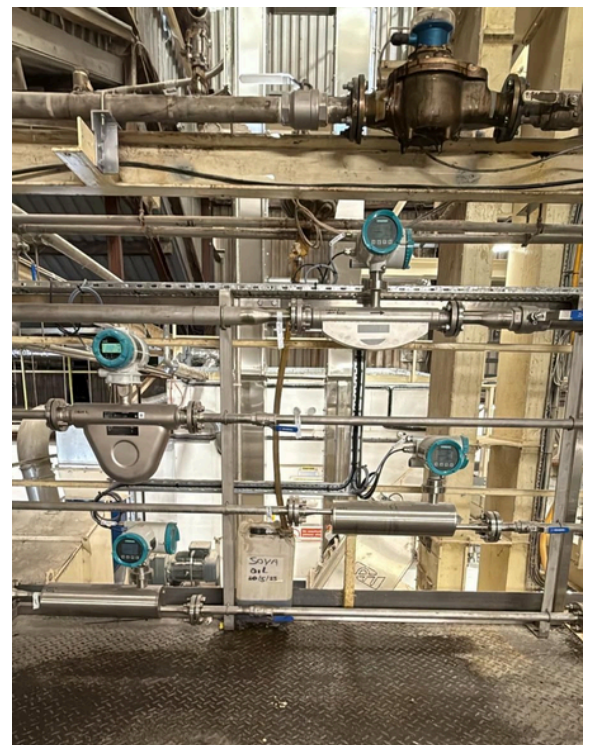
CHALLENGE

The customer required precise and reliable measurement of small, high-value ingredients to ensure consistent animal feed quality. Accurate dosing is critical, as any deviation can impact the nutritional profile of the feed and lead to costly waste. Additionally, the plant environment demands careful installation to avoid errors caused by vibration or poorly supported pipework, which can affect meter accuracy.

SOLUTION

Our team from Process Instrument Solutions commissioned all three generations of Siemens SITRANS F Coriolis meters to meet the customer's exact requirements. The meters were installed on well-supported pipework to prevent plant vibration from affecting measurements, ensuring consistent and repeatable results.

Each device was configured and tested to verify accurate dosing of enzymes and fats, providing confidence in both process control and product quality.





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RESULT

The installation of the MASS2100, FCS430, and FCS520 meters has enabled the customer to achieve highly accurate dosing of critical ingredients in their animal feed production.

By combining robust installation practices with expert commissioning, the customer benefits from reliable, repeatable measurements, reduced waste, and improved consistency in product quality.

The project demonstrates the value of partnering with a team experienced in both Siemens Coriolis technology and the specific requirements of the feed industry.



EQUIPMENT SUPPLIED

Siemens SITRANS FC520/540 Flowmeter System

The versatile Coriolis flowmeter with superior turndown and lowest pressure drop in the market. Ideal for a broad range of standard applications, this series is a flexible and cost effective solution for highly accurate flow and density measurements.



Unparalleled Services & Solutions

Process Instrument Services delivers expertise, precision and reliability, tailored to meet your needs. Experience the difference with us.



Jon Tayler
Managing Director

