

Animal Feed Mill

Coriolis Flow Meter

Mixing Process in Animal Feed Production

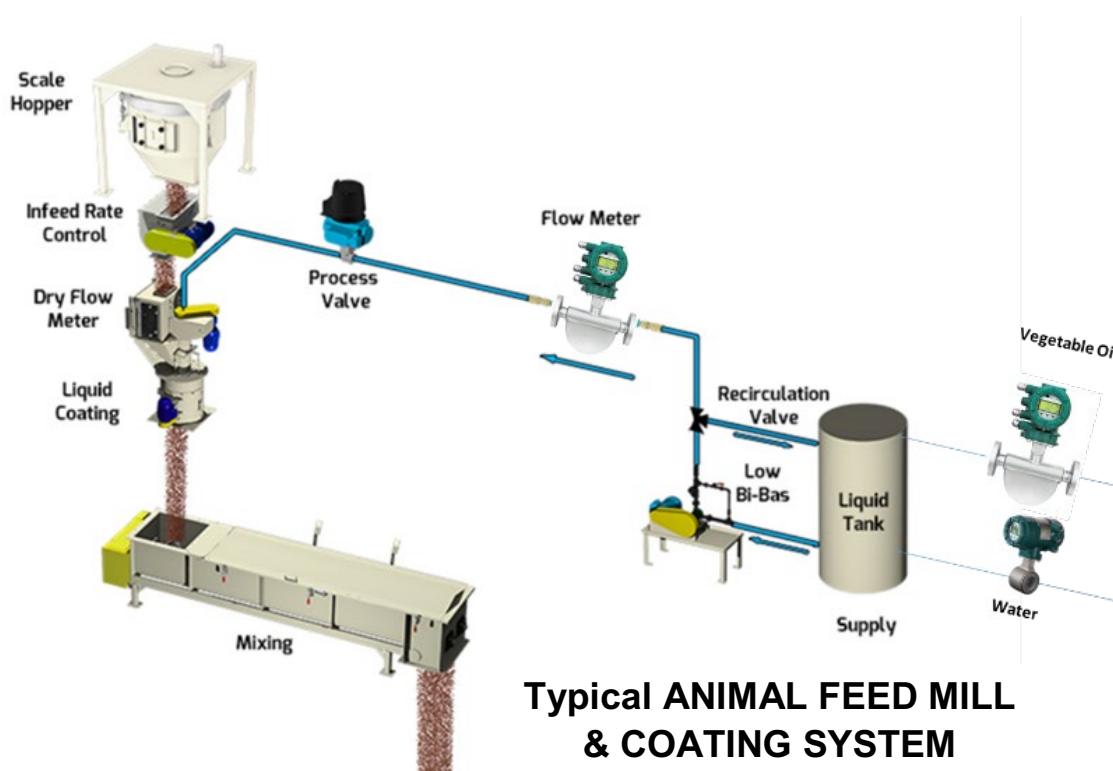
Plant Name: Feed Mill

Industry: Food and Beverage

Customer's Product: Animal Feed

Application

The process consists of mixing meats, oils, and water to create a finished product, animal feed, using a PLC-based automation system.



**Typical ANIMAL FEED MILL
& COATING SYSTEM**

Challenges

To ensure the proper animal feed mixture, the customer was using a scale to weigh the vegetable oil and water that was being combined with the meat parts. The goal was to increase productivity by reducing the loading time.

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Solution

The ROTAMASS TI Coriolis flowmeter is used to measure the mass of the incoming vegetable oil while an ADMAG TI-AXG magnetic flowmeter measures the incoming water volume. An additional ROTAMASS TI ensures the correct concentration of the vegetable oil/water mixture before the meat product is added.



Key Technologies

ROTAMASS Prime and ADMAG TI-AXG

- Best-in-class accuracy
- Measurement in mass eliminates the need to weigh with a scale.
- Total Insight technology provides concentration calculation and process diagnostics while enhancing maintenance and service.