Coolamon Chaser Bins Case Study

Grain Cart Auger Testing: PTO Torque & Power Monitoring

The Client

Coolamon Chaser Bins

Since 1972 **Coolamon Chaser Bins**, has been a leading Australian manufacturer of agricultural equipment based in New South Wales.

Proudly family-owned and with a strong reputation for building durable and high-capacity chaser bins, mother bins, and spreaders, Coolamon serves farmers across Australia with machinery designed to perform under the toughest harvest conditions.

The Challenge

Coolamon needed a way to capture accurate torque and power data from the PTO-driven discharge auger during grain handling operations, where auger performance can be affected by grain type, moisture content, and flow rate.

While the mechanical setup was well understood, accurate metrics were required to validate performance, support design decisions, and monitor load under field conditions, without interrupting normal operations.

The Solution

We supplied our PTO Torque & Power Monitor, engineered to deliver accurate torque, RPM, and shaft power data on PTO-driven equipment.

With its rugged build and wireless telemetry, it provides real-world performance validation and efficiency data across a range of demanding agricultural and industrial applications.

Coolamon is well-positioned to assess their equipment's real-world performance. The insights gained will support the future development of agricultural technology and smart farming strategies.

Discover the Datum PTO Monitoring System at datum-electronics.com.