Tractor PTO Torque Testing

Torque Transducer

Industry: Agriculture

Summary

Customer Challenge

A customer wants to measure the torque and speed of their tractor's PTO (power takeoff test) system. They want to ensure the tractor's PTO system is functioning properly, and they want to measure the torque being delivered to an implement.

Interface Solution

Interface's solution is to use their T27 Bearingless Hollow Flange Style Rotary Torque Transducer to measure the tractor's torque and speed of their tractor's PTO system.

Results

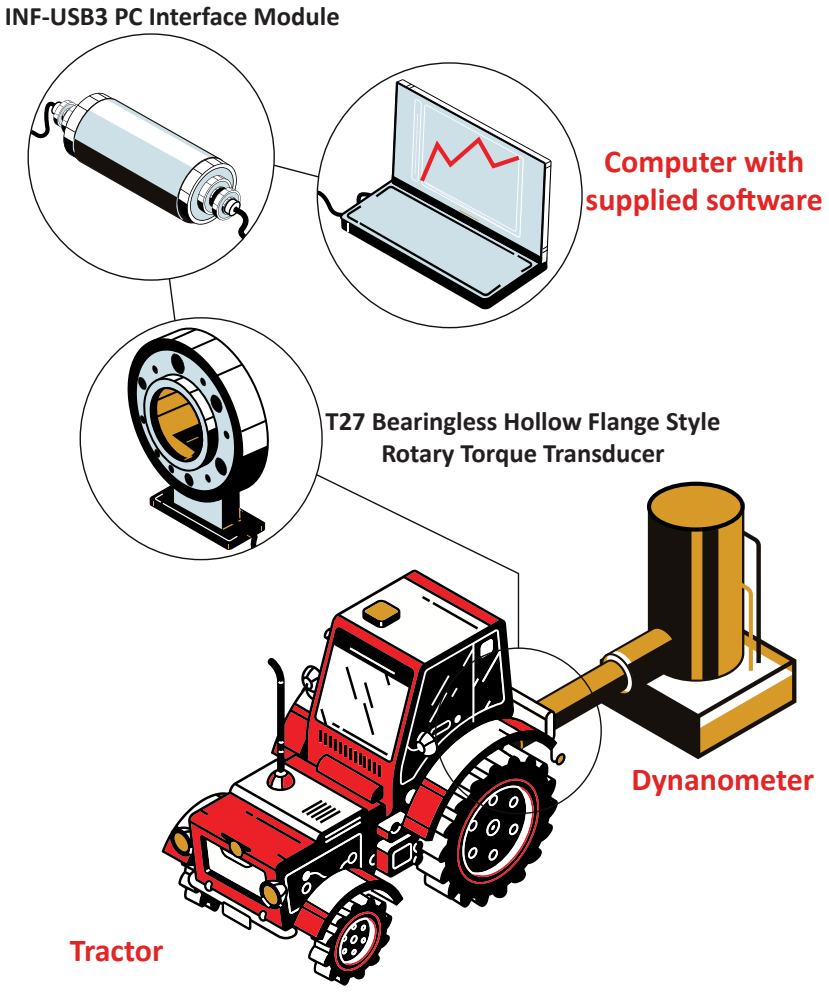
Interface's T27 Bearingless Hollow Flange Style Rotary Torque Transducer successfully and accurately measured the torque and speed of the tractor's PTO system.

Materials

- Customer supplied dynamometer
- T27 Bearingless Hollow Flange Style Rotary Torque Transducer
- INF3-USB Universal Serial Bus Single Channel PC Interface Module
- Supplied configuration, display, graphing, and logging software
- Customer PC or Laptop

How It Works

1. The T27 Bearingless Hollow Flange Style Rotary Torque Transducer is bolted to the tractors PTO shaft. A dynamometer is attached on the other end.
2. The T27 Bearingless Hollow Flange Style Rotary Torque Transducer measures the tractor's torque and speed with high accurate results.
3. With the INF3-USB PC Interface Module the customer was able to display, graph, and log the recorded torque and speed of the tractor's PTO system with the supplied INF3-USB software.



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