



# Jereh Pump Condition Monitoring System (JPCM)

The Jereh Pump Condition Monitoring (JPCM) system is specifically designed for plunger pumps used in the oil & gas industry. JPCM is agnostic to the pump manufacturer and can be installed on any triplex or quintuplex plunger pump. It enables real-time monitoring of pump performance and machine health. The predictive analytics platform achieves an impressive 80% reduction in non-productive time.

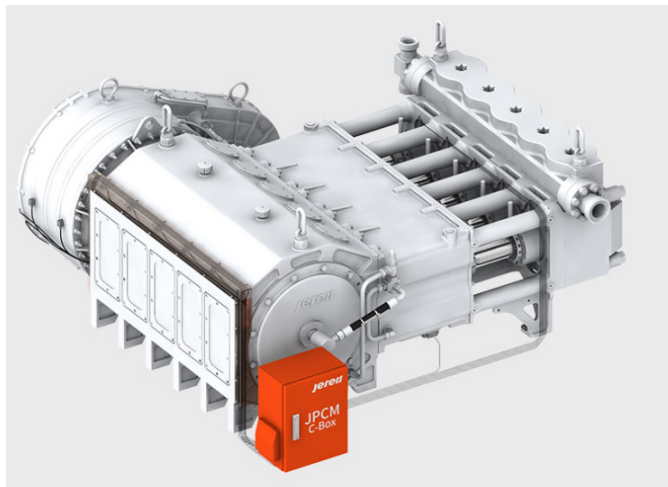
The JPCM system predicts potential failures by issuing pre-warnings to service company data van and to the cloud based analytics platform. The system delivers 97% fault detection accuracy, allowing for timely and proactive repair & maintenance. Condition-based parts replacement leads to a 40% reduction in consumable expenses. Accurate failure prediction eliminates the need for costly and time-consuming disassembly, reducing total man-hours associated with equipment repair by 20%.

## Features:

- Over 21 sensors providing real-time monitoring across the power end gearbox, crankshaft bearings, fluid end valves, valve seats, and plunger packing
- Self-learning algorithms
- Advanced analytics platform

## Benefits:

- Decreases repair costs by identifying failures early
- Enables proactive maintenance protocols
- Predictive analytics help reduce part replacement costs



**The Jereh Pump Condition Monitoring System helps operators detect issues early, preventing unexpected failures and minimizing the risk of catastrophic malfunctions.**