

CASE STUDY Weight Management

Project Objective and Scope:

The objective of Weight Management System (WMS) is to capture analog & digital parameters from pressure and other sensors and calculate weight of Wheel Loader's bucket with material.

XPT Team Contribution:

- Development of Software algorithm to sense the pressure changes and calculate the weight of the material in the bucket accurately
- The back lit LCD display to show the individual readings as well as cumulative reading at the end of the material loading/lifting operation

Project Benefits:

- Time Saving
- Money Saving
- Store and access Weight/loading history
- Better utilization of machine
- Improve fuel efficiency

