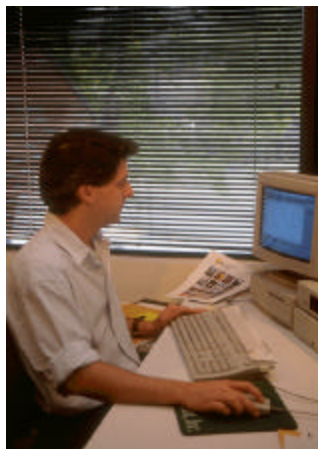




Superior Technologies
 Weighing & Controls Inc.
 1673 Dugald Road Winnipeg, MB. Canada, R2J 0H3
 Phone: (204) 661- 6482 Fax: (204) 663- 4934



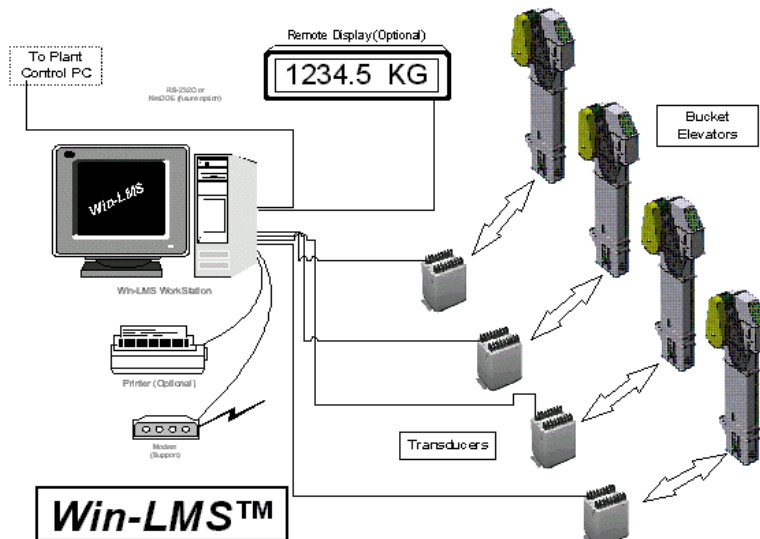
Superior Technologies manufactures some of the most accurate and reliable Load Monitoring Systems ever made.



Win-LMS™ products are designed and manufactured by Superior Technologies in Winnipeg MB, Canada.

ISO 9001
 ISO 9001

SUPERIOR TECHNOLOGIES introduces its new
WIN LOAD MONITORING SYSTEM



The Win-LMS™ System is a comprehensive product designed to meet your specialized weighing needs.

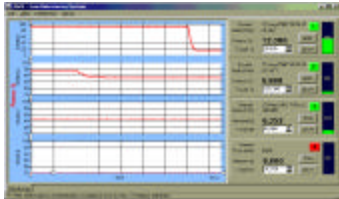
Superior Technologies offers a cost effective solution to accurately monitor the amount of product being delivered by bucket elevator legs. A personal computer (PC), running the Win-LMS™ software in conjunction with Watt-Transducer hardware, monitors the power consumed by a bucket elevator and converts this analogue data into an accumulated (delivered) weight. This system can monitor up to 4 (four) bucket elevators with an accuracy of 99% under normal operating conditions. Options include remote displays and serial or network interface to other computer systems (for remote status and control).

All this, and **Superior Technologies'** legendary expertise in the Load Monitoring market, will provide you with a smart, affordable solution to your needs. Let us do the work for you.

"Quality you can Measure"



The Win-LMS™ provides accuracy that quickly pays for itself. Just as important is the ease of installation and the accuracy it achieves, while maintaining your production speed.



Superior Technologies also specialize in complete plant automation, custom software development, data collection, bar coding and batching systems to meet all your industrial needs. We look forward to being of service to you.

Overview

- Cost Effective
- Maintain Accuracy at 99% (or better)
- Ease of Installation with Minimal Disruption
- Ease of Use and Training with comprehensive manual
- Utilize proven and reliable "off-the-shelf" hardware
- Provide software support via modem / Internet

Features

- Runs on Windows™ 9x Operating system
- Utilizes reliable, proven technology
- Monitors/Displays up to 4 devices (Legs) simultaneously
- Real-Time Graphics amounts and instantaneous flow rates
- Alarm Outputs (TTL) are available for interface to a horn or PLC. An output (one for each device) is asserted for either of the following conditions:
 - Target weight is reached
 - Leg power consumption exceeds maximum setpoint
- System is shipped with Watt Transducer(s) and Current Transformers.
- Optional Peripherals are available:
 - Printer - for hard copy
 - Remote signs, to display actual Amounts or % of Target

Operation

- Operator depresses the "Start" button and commences loading.
- Operator may "Reset" totals to zero at any time.
- Remote - Serial Interface
- The Win-LMS PC may be interfaced to other PC for remote operation. A continuous serial string can be transmitted periodically that indicates:
 - Device # (1.4)
 - Amount (t)
 - Instantaneous Rate (t/hr)
- Commands from Remote Computer include:
 - Start/Stop Monitoring
 - Zero Totals
 - Remote - NetDDE (future option)

Calibration

- Operate Leg to establish "Running Empty" power reading.
- Move a known amount of weight through the Bucket Elevator
- Enter the weight into the software to establish calibration.

* Calibration should be performed seasonally or after maintenance has been performed on the Bucket Elevator.

For more info visit our website at: www.superiortech.com



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