

MASSLOAD MEASURES UP

A Canadian firm has the precise fusion of hardened steel with strain gauges for weighing applications down to an art. Massload Technologies Inc. of Saskatoon, Saskatchewan, Canada has been manufacturing weighing products for over twenty years and has kept ahead of the game with their advancing technologies. The weighing industry of 2005 has headed in a more hi-tech direction than ever before. Weighing a truck and load is no longer only steel and loadcells. Advances in wireless technology and weigh in motion continue to provide users with a barrage of weighing options.

Private sector markets have embraced the Weigh in Motion (WIM) system for its diverse features and ease of use. WIM appeals to operators of concrete plants for example, to weigh loads coming and going from the plants shipping gate. Truck in truck out weights provides them with tight inventory controls. Massload's WIM scales are also used in government applications to determine center of balance of airplane loads based on length and weight of each wheel. The uses and applications for these scales are numerous and the option of custom designed software provides features that are almost limitless.

Massload's software engineering team has designed software that provides their customers with features unattainable from standard weight indicators. In addition to regular scale functions, computer software allows for customized report generation, database management, scoreboard and traffic light support and much, much more. RFID tags have also been integrated into Massload's systems to meet the growing trend towards unmanned sites. The RFID technology allows fleet managers to track and log trucker information without having to be on site, resulting in a more efficient trucking environment.

High traffic areas such as toll booths use the WIM technology to keep traffic flowing and to charge tolls based on length, size, and weight of vehicles. As a vehicle starts to move over the scale, the software begins gathering data. Once all the data is collected, the axle weights, total weights, speeds and other statistics are calculated. The data is then written to the hard drive of the computer for report generation and the system is immediately ready for another vehicle to pass over the scale.

Speed, ease of use and portability are all features that scale users today are looking for. Massload has developed a wireless scale interface to be used with any digital readout, eliminating the need to run cabling and decreasing set up time. In the right environment the wireless range is up to 100 meters, allowing users free roam with the Handheld PDA readout or communication with a control box a safe distance away from the weighing surface.

The Handheld PDA is much like a regular computer in a smaller, portable package. It uses software to collect and store weight data and is housed in a heavy duty, slip resistant rubber case. Massload has developed a line of software packages specific to various weighing applications, such as crane scales and portable axle scales.

The mix of quality Canadian manufactured products combined with years of technical knowledge and experience in the industry has made Massload Technologies one of the most progressive and innovative weighing companies in the world.

Call today for a free consultation and Massload will design a quality Canadian weighing system for you at a cost less than the competition.

Massload Technologies Inc.

www.massload.com

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