

A smart way to avoid penalties

INTELLIGENT ON-BOARD WEIGHING SYSTEMS KEEP PROVING THEIR WORTH FOR AUSTRALIA'S GRAIN HAULAGE INDUSTRY. FOR WESTERN AUSTRALIA BASED TRANSPORT COMPANY, COMMODITY AG, FOR INSTANCE, USING THE **LOADSMART** ON BOARD WEIGHING SYSTEM HAS MADE A WORLD OF DIFFERENCE TO ITS BOTTOM LINE.



Family-owned and operated Commodity Ag, which sources transport equipment from Duraquip, were initially drawn to the LoadSMART weighing system over three years ago when they began using it on two 90-tonne road train combinations designed to cart grain from local suppliers to dairy farmers across WA. Almost immediately, the company was able to maximise its capacity without incurring heavy penalties due to overloading.

"In the grain haulage industry it is important to know how much load you're carrying all the time and the LoadSMART is the ideal device for monitoring this," says Alan Richardson, Owner of Commodity Ag. The LoadSMART allows Commodity Ag to accurately load every trailer according to

their clients' needs without breaching load regulations. "In effect, the system paid for itself in no time and enabled us to generate more profit from being able to load more accurately."

"You can be pulled over by transport

“All components have been designed to handle the rugged Australian conditions and have been specially tested for the grain industry.”

inspectors at any time, so it is important that the load meets their requirements. Any excess could lead to a fine," says Alan. "If you are overweight, it is a policy of many establishments not to unload your vehicle. In the end, it helps to know your weight,

making the the journey a lot safer for those involved."

When combined with integrated GPS tracking software, the LoadSMART device can give commercial transport operators a high level of flexibility when it comes to

weight management. The data for each vehicle can be remotely managed from an online server, and the operator can easily download vehicle files as required. The onboard weighing system also allows multiple trailers to be set up on one display

unit - making it for the ideal fit for Duraquip's road train combinations.

"The beauty of the LoadSMART system is that it is wireless, which eliminates using plug extensions, reduces corrosion and vulnerability to damage," he adds.

All weights obtained are date and time referenced and the system also has diagnostic tools to measure system performance.


"A great aspect of the LoadSMART system is that it's equipped with a 'weight check' tool," says Alan. "Therefore we can monitor all weights in real time while the vehicle is being loaded, enabling us to load our trailers to the maximum allowable weight."

The G-Series, which supersedes the H-series, uses the latest in handheld computer, sensor and wireless technology, as well as smart algorithms, in order to provide the most accurate data. All components have been designed to handle the rugged Australian conditions and have been specially tested for the grain industry.

According to Alan, the G-series' handheld display is a beneficial feature. "With the handheld display unit, you can actually get out of the truck with your trailer brakes released and walk right up to the auger to let the operator know when you've reached your maximum weight or even switch the auger off yourself if necessary," he says. "There's no need to run back and forth from the truck cabin.

"At the end of the day, LoadSMART is a quality system that can significantly reduce downtime for our drivers," Alan explains.

"But more importantly, it makes the loading process safer because our staff don't need to climb on top to check how much grain has gone in. Plus it increases safety on the road because you know you aren't breaking any restrictions because the system gives you an accurate reading."

LoadSMART on-board weighing systems are designed and manufactured by Commercial Transport Solutions in Victoria by Raj Mali and have been on the market since 2007. 

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