



FarmWeigh

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April 2008

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Barrick Kainantu Gold installs FarmWeigh

Barrick Kainantu Gold, located in the Eastern Highlands of Papua New Guinea has recently installed a FarmWeigh Shipping Container Scale to ensure containers are legal weight prior to shipping.

FarmWeigh's Shane Driscoll traveled to the site, which is nestled amidst jungle covered mountains, to commission the system. He came back with many positive things to say of the installation, the company, the country and particularly the personnel he worked with at Barrick Kainantu.

"These people are dedicated and provided me outstanding support while always working toward a positive outcome. You wouldn't find better people or attitude anywhere," explained Shane.



Close-up of the one of the 12t loadcells

The container scale allows for the input of two set-point or target weights. When the filling reaches the first target, a visual alert provides the operators the information that the filling is almost complete. Once the second target weight is reached a second alert is provided allowing

the operator to cease the fill thus ensuring consistent and accurate container loads.

This installation provides for a visual alert when the target weight is reached, however, it can also be configured, through a control system, to automatically slow the fill down upon reaching target weight one and stop the filling when target weight two is reached. This enables totally automated filling and improves logistics, re-filling delays and eliminates overloading rejections.



Shipping container being loaded onto the scale ready for filling

More information on the system and the PNG trip can be found on our website, which is listed on page four of this newsletter



Paul Lingei (Senior Metallurgist) inputs the target weights



The road winding from the Barrick Kainantu Gold Compound up to the 800, 1300, 1400 and 2000m mine entrances. Steep, winding and surrounded by jungle.

Field Days Circuit 2008

FarmWeigh plan to exhibit at the following field days this year. Please look for the company on whose stand we will be exhibiting on and come and see us.

Certainly new products to see this year that are of interest.

Field Day	Location	Dates	Exhibit with
WMFD	Horsham	5 to 7 March	Seed & Forage
Swan Hill FD	Swan Hill	6 to 7 May	SH Chemicals
Riverina FD	Griffith	9—10 May	A & G Machinery
FarmFest	Toowoomba	12 to 14 June	Aust-Mech
MMFD	Speed	1 to 2 August	Aust-Mech
EPFD	Cleve	12 to 14 August	Seed & Forage
AgQuip	Gunnedah	19 to 21 August	tba
Lake Cargelligo AS	Lake Cargelligo	1 September	A & G Machinery
Newdegate FD	Newdegate	3 to 4 September	Landpoint Holdings

AWH Automates Container Filling

Australian Wool Handlers are utilising their massive storage space to store and pack grain ready for export.

The system was designed and supplied by Dalby based materials handling company, Aust-Mech, and incorporates FarmWeigh's new **Mantis™ Plus** Grain Loading System.

The **Mantis™ Plus** incorporates a hopper with fixed

auger and FarmWeigh Checkweigher. The grain is loaded into the hopper with a front end loader. The target weight is entered into the FarmWeigh indicator and the system is started.

A pneumatic slide gate under the hopper opens and the auger feeds an Aust-Mech Tubeveyor, which conveys the grain up to a smaller hopper that feeds a horizontal auger,

which is filling the container. The system automatically slows then stops as it reaches the target weight.

The result is consistently and legally loaded shipping containers efficiently loaded and moved out.

AWH have ordered a second unit to cater for their increase in demand.

See our website for more info on the **Mantis™**



Top: AWH's James Phyland operates the system with a small control box. **Middle:** The entire system, including the Aust-Mech Tubeveyor. **Bottom:** The FarmWeigh digital indicator, which is interfaced to a PLC system

New Era Weighbridges Rockin' in QLD

Rockin' Haulage are a QLD company going places quickly. MD, Matt Blake, is a man on a mission and recently they won a contract to move 2 million tonnes of fill from Ipswich to the Gateway Bridge duplication.

Matt's logistical problems were huge. All loads needed to be moved at night with little traffic on the roads, and had to be

legal.

Rockin Haulage installed 2 FarmBridges™ from FarmWeigh with E-Tags to identify the 200 or so truck and dogs moving the fill.

Utilising FarmWeigh's Ton-Tel™ software they have two fully automated weighbridges to ensure all vehicles are weighed efficiently and overloaded trucks are not going onto the road.



The FarmBridges by day, note the E-Tag readers in the foreground



The FarmBridges in action at night at 90 trucks per hour

"Rockin Haulage installed 2 FarmBridges™ from FarmWeigh with E-Tags to identify the 200 or so truck and dogs moving the fill"

FarmWeigh & Aust-Mech join forces

FarmWeigh and renown materials handling company, Aust-Mech Australian Conveyor Systems have joined forces in marketing, sales and some product development.

FarmWeigh's MD, Shane Driscoll said "We are working together on projects, Aust-Mech manufacture for us and we share a

common market, so it was a natural union."

"We're up here in Dalby while FarmWeigh are located in the south so this way we can provide a better sales and support network for all our customers" explained Tony Gilbert, an Aust-Mech Director.

While both companies

retain their own identity entirely, they will exhibit together at Field Days this year and offer the full range of systems from both companies.

The winner is the market, where they will get a more complete service and integrated conveying, handling and weighing systems.



Aust-Mech's recognisable eyes on one of their Tubeveyors

Wimmera Machinery Field Days report

FarmWeigh exhibited at this year's WMFD with Ultra-Safe, our main distributor. We were located right next to the Weekly Times tent.

The field days were well attended and there seemed to be more optimism about the coming year's crop than in recent years.

Interest and quote requests were up a great deal which augers wells for the

coming year, should the weather go our way.

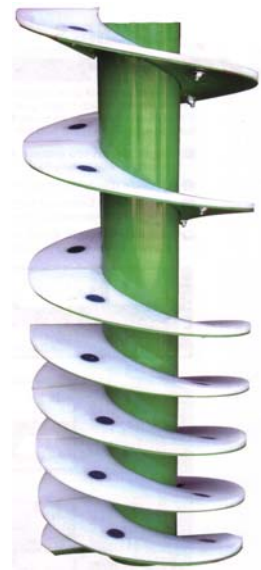
There was much interest in the new FarmWeigh Mantis Checkweigher, which is featured in an article on this page.

An extremely high amount of interest was registered in the Ultra High Molecular Weight Poly auger wearshoes that FarmWeigh import from the US.

These wearshoes will last

up to 4 times longer than standard flighting and can be fitted to worn flighting. Sizes are available for all augers up to 24 inches in diameter.

With many quotations and leads to follow-up on after Wimmera we can confidently say that the field days were indeed a success in 2008.



UHMWP Wear Shoes fitted to a John Deere Bubble-Up Auger

New release Mantis™ Grain Weigher

In response to many requests from the market FarmWeigh, in conjunction with Aust-Mech have released the **Mantis™** Grain Weighing System and the **Mantis™ Plus** Grain Loader.

The **Mantis™** enables the user to load into or out of silos or other grain storage using any of the farm conveyors, whether an auger or belt conveyor.

The system comes in three auger sizes (9", 11" and 14") and a belt conveying model.

The **Mantis™ Plus** provides for bulk loading trucks or container to set weights using a front end loader to fill the **Mantis™ Plus** hopper.

Manufactured by Aust-Mech, the **Mantis™** systems provide for more economical and efficient load-

ing and storage of grains



The Mantis™



The Mantis™ plus

"The Mantis™ enables the user to load into or out of silos or other grain storage using any of the farm conveyors, whether an auger or belt conveyor."

New Look Check Weigher

FarmWeigh have changed the design of the Checkweigher hood in order to provide a more accurate and longer lasting product.

Although the Aeronautical alloy has been a great material we believe the finish has not been to our requirements due to the great difficulty in welding the material.

As a consequence we have moved to steel, and have increased its strength, thereby producing a longer lasting product that will withstand the Australian environment.

Improvements have been made to the mounting of the Weigh Plate, reducing vibration and increasing weight consistency and

accuracy.

We at FarmWeigh believe that an ongoing product development program ensures our future and provides our customers with the most up to date design and quality.



The new FarmWeigh weighhood is better made, will last longer and provide more accurate and consistent results

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Weighing solutions for farms and farmers

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Left: The beautiful scenery of the Eastern Highlands in Papua New Guinea

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FarmWeigh provides a range of weighing solutions for agricultural, mining and industrial applications.

Off the shelf and custom products provide the exact requirements our clients require.

We believe flexibility in solution provision and ongoing support, personal support, is vital to our customers and therefore do not hesitate to visit our customers to fully understand their individual requirements.

With a wealth of experience in weighing solutions and how to use weighing to provide a benefit that can be clearly seen in the bottom line we intend to provide the best possible solution for any given project.



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Ultrasafe distribute FarmWeigh products throughout Australia. If you cannot see a local dealer on the left, please contact Ultrasafe to find your nearest dealer.