



Avery Weigh-Tronix solutions

Waste • Mining • Aggregates

# Simple solution that's fit for a king

KingDrymix, a supplier of mortar to the construction industry has taken the pressure of reordering stock away from site managers – with a silo monitoring system from Avery Weigh-Tronix.

The new system enables KingDrymix to take control of its customers' mortar supply, by monitoring each silo's stock level directly from Head Office.

This means that site personnel do not have to take responsibility for reordering, allowing them continuous supply.

Operations Coordinator for KingDrymix, Susan Kerr said, "All of our sites that have the monitors fitted are delighted at the freedom such simple functionality can provide, with no further input from them. The ability to check usage personally and accurately is also an added benefit.

Being proactive is a massive bonus to our customers, as we advise when we will deliver and can adapt our transport scheduling easily to suit demand. Ultimately, both the customer and KingDrymix gain maximum efficiency".

The silo is mounted on four load cells that send the fill-level data to a 1310 indicator. A GSM modem provides two-way communication between the silo and Head Office. This technology means that the silo can also send a message when it reaches its minimum fill level, ensuring that customers need never run out of mortar.

Susan Kerr adds, "We found Avery Weigh-Tronix to be at the forefront of load cell technology, with a proven track record for accurate weighing that is second to none. Avery Weigh-Tronix's Technical Team worked closely with us to overcome the difficulties encountered by certain site restrictions."

Avery Weigh-Tronix will install the system on all the silos in the company's estate.

*Continued...*



## TECHNICAL

### Silo Monitoring System

Each 33 tonne silo is mounted on four MasterMount<sup>®</sup> assemblies, designed for simple installation and removal of the load cell without specialist tools:

- Reduces installation time by 40%.
- Suitable for use in tough environments.
- Fully welded, double-ended shear beam load cell.



The 1310 indicator provides two-way communication with Head Office via a GSM modem:

- Simple functionality and easy-to-read display.
- Housed in a robust casing to protect it from the elements.

**Avery Weigh-Tronix**



**Continued...**

- Takes the responsibility of ordering away from the customer – freeing up site managers' time.
- Sites never run out of mortar – assisting efficiency and productivity.
- KingDrymix can dial into remote sites at any time of day - leading to maximum efficiency in the scheduling of its transport across a wide geographical area.
- Managers can monitor site use and report figures to their head office - helping to identify trends and reduce wastage.
- Ensures positive customer relations.

