WEIGHTRON BILANCIAI
INDUSTRIAL WEIGHING SPECIALISTS
BILANCIAI GROUP

weighingtalk

ISSUE 2

Timely expansion brings significant benefits

As the demand for Weightron weighbridges increases, the new £500,000 extension to our manufacturing plant is proving its worth. Weightron's founder and MD Ray Catt is extremely positive about the future and as he explains: '*The opening of the new factory is an important milestone in our continued success, especially coming at a time when we hear so many negative comments about the decline of the UK's manufacturing base. This investment endorses our future commitment to our customers, employees and the local community. The new facilities, which incorporate special welding fixtures and a state-of-the art paint jig, are crucial to our growth. Our business is expanding in several directions and we are actively putting in place the right infrastructure to ensure we meet the increased demand for our products, systems and services in a timely fashion.''*

Fill-er up please!

Did you know we offer a comprehensive range of liquid filling systems and depositors for containers, drums and IBCs from 50 ml to 1500 litre? Contact us to find out more.

Sales force goes from strength to strength

The last twelve months have been very busy at Weightron with the appointment of three additional field sales managers and a new service contracts manager

All four bring with them extensive weighing experience and the appointments will ensure customers get the best possible service and support. Operations Manager Emlyn Roberts is very up beat about the future: *'Whilst other companies are cutting back on direct sales personnel, we are expanding to meet demand. Customers still like the 'one on one' approach and prefer to work with someone they can rely on.'*

New weighprice labeller

Our Mercury weighprice labeller brings new levels of sophistication to the food industry - ask for a demonstration and find out what it can do for you!

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Smart-WEIGH is coming!

Contact us for more details

On show

For up to date details of where we are exhibiting in 2007 please visit **www.weighingtalk.com.**

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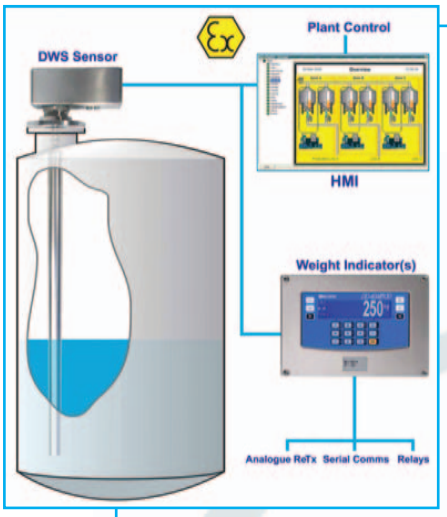
Eureka! Displacement weighing system is ideal for retrofit



Weightron have introduced their innovative DWS displacement weighing system for measuring the contents of vessels and tanks. Based on Archimedes principle, the DWS provides the ideal solution for applications where traditional load cells are impractical to fit.

The technology offers a number of advantages over conventional level measuring systems, especially in terms of reliability and accuracy. The sensor unit is fully sealed and constructed from stainless steel throughout. Food grade versions are available and the system is suitable for use in designated hazardous areas.

The DWS offers a very cost effective solution, especially for multiple vessel applications. The system can be used for a wide range of liquids, corrosive or otherwise, in both pressurised and un-pressurised vessels. The powerful and versatile HMI offers a wide range of control and monitoring capabilities, whilst optional weight indicators and interfaces can provide further flexibility.

Weightron's sales director Nick Catt is very positive about the benefits of this system: *'There are thousands of applications where companies need accurate vessel content measurement by weight but cannot fit load cells without major plant disruption and unacceptable cost implications. Normal level measuring techniques fall well short of their requirements especially in sealed vessels. Our DWS provides accurate weighing and can easily be fitted to vessels with minimum disruption. An added benefit is that results are not affected by force shunts such as pipe work.'*

SkipWeigh offers compact and accurate weighing

Our new low cost SkipWeigh weighbridge is specifically designed for weighing skip lorries and skips. This compact unit offers all the normal Weightron weighbridge attributes in terms of strength, performance and reliability in a compact space-saving eight metre length.

The SkipWeigh is available in capacities up to 40 tonne in both pit and surface mount configurations. The standard version offers a minimum scale interval of 20 kg, whilst a high accuracy 4000d version, featuring the company's CPD digital load cells, is available with an impressive 10 kg scale interval.

The Skipweigh is compatible with the Self800 driver-operated terminal and our WinWeigh™ Connect software package.

Rapid return on investment for radioactivity detector

SafeWeigh is the latest innovation from Weightron Bilanciai. The system is designed for the detection of radioactivity in vehicle loads entering and leaving industrial sites, ports and terminals.

As more and more materials are recycled, especially scrap metal, there is a growing need to monitor waste material for traces of radioactivity before it is re-processed or incinerated. The cost to clean up any contamination could run into hundreds of thousands of pounds. By preventing any contaminated material entering facilities and refusing to accept suspect vehicles, re-processors will save these costs and therefore payback for their investment in SafeWeigh will be quickly realised.

SafeWeigh provides a full radiation profile of the vehicle and its load and the system has been successfully integrated with our WinWeigh software package.

To ensure full peace of mind, Weightron offer a unique full calibration service at predetermined intervals using a known radioactive source traceable to national standards.

Driver-operated weighbridges stop time wasting at Walsall Council

A twin driver-operated weighbridge system is bringing a wide range of operational and fiscal advantages to Walsall Council at their waste transfer station in the West Midlands. The installation has included a new driver-operated 50 tonne, 16 metre pit-mounted Eurodeck weighbridge at the site exit and upgrades to the existing entrance weighbridge to improve vehicle throughput and allow out of hours weighing. The two weighbridges are now linked through to the D800 terminal in the weighbridge office where the local PC runs Weightron's Winweigh Connect-Intra software package.

Prior to the system upgrade, all vehicles entering the site, together with exiting collection vehicles, had to be weighed at the same weighbridge. With over 500 vehicles a week needing to be weighed, bottlenecks were inevitable. The layout of the site did not lend itself to the installation of the new weighbridge opposite the existing one so the ability for it to be driver-operated was essential.

Drivers of vehicles that require to be weighed as they leave the site have a dedicated smart card containing information relating to vehicle identity, contractor and tare weight. When they drive onto the weighbridge, they simply swipe their card to initiate the weighing and are then issued with a ticket containing details of the origin of the waste, the gross load and the six digit European Waste Code.

Walsall Council's operations manager Steve Hawkins is very pleased with the new system and as he concludes: *'Efficient weighing and recording of data plays a pivotal role in our waste management process. Every day at a preset time, a designated PC automatically dials into the D800 terminal and the Winweigh software downloads the day's weighing data in an Excel spreadsheet, We now have clear visibility of the movement of waste in and out of the site, allowing us to issue prompt invoices and assess how efficient we are at recycling.'*

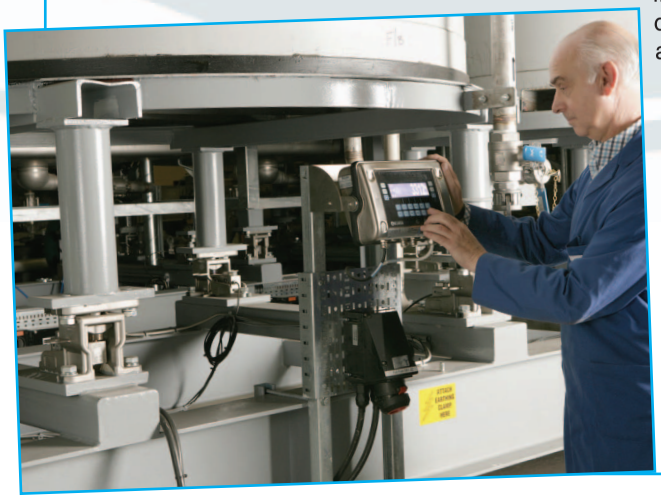
Weightron come through with flying colours at Carrs Paints.

ATEX certified weighing equipment supplied by Weightron Bilanciai is playing an important role at the new Carrs Paints' plant in Redditch.

Carrs Paints is recognised as one of Europe's most respected independent paint companies. To meet the growing demand for their industrial products and streamline their manufacturing, Carrs have recently moved to new premises and the weighing equipment is part of a turnkey project carried out by Lancashire based Ai Process Systems Ltd (www.aiprocess.com). The new plant meets the latest ATEX requirements and provides a far more streamlined process for the paint mixing.

Weightron's involvement has included the supply of 70 ATEX certified load cell weighing kits ranging in capacity from 3000 to 5000 kg, 22 D440IS ATEX certified weight controllers and two ATEX certified PRM stainless steel floor scales, together with on-site installation and calibration support.

The load cells are fitted to 20 mixing vessels in three and four mount configurations. The mixing area is a designated Zone 1 hazardous area and each vessel has its own independent D440IS digital indicator. The units have a single and double weighing feature making them ideal for dosing or filling applications.



As an independent contractor, Ai Process have the ability to choose equipment based on experience reliability and cost. As AiPS's David Podmore explains: *"We have an excellent working relationship with Weightron Bilanciai and one of the key factors in our decision to work with them was the D440's ability to operate directly in the hazardous area, without the need to install additional galvanic barriers. This not only saves cost but also gives a neater and more professional installation, allowing operators to control the filling directly at the vessels. Carrs now have a much more efficient overall system. The weighing systems are vital to the process and the Weightron equipment has come through with flying colours in more ways than one!"*

Major recycler doesn't 'tyre' of Weightron

Sapphire Energy Recovery have taken delivery of their fourth Eurodeck weighbridge. This latest weighbridge, measuring 18 metres by 3.2 metres, has been installed at the company's newly commissioned plant in Manchester. Sapphire recover and process End of Life vehicle tyres converting them to cement kiln fuel.

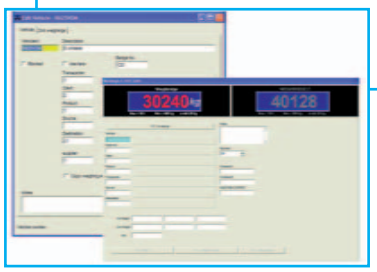
For this installation, Sapphire opted for Weightron's CPD digital Load cells. This technology brings important benefits to such applications, ensuring a future proof installation

Sapphire's head of sales and marketing Ryan Mifflin is delighted with the latest installation and as he concludes: '*Weighing incoming and outgoing vehicles provides crucial fiscal and legislative information at our plants. As a result, reliability and accuracy of weight data is essential to the overall process. We have built up a strong working relationship with Weightron and their systems allow us to keep accurate electronic records for both incoming tyres and outgoing finished product.*'

It is estimated that over 40 million used tyres need recycling in the UK each year and since 2003 tyres can no longer be sent to land fill. Their almost indestructible design, so vital when in use, makes them difficult to recycle, presenting a major problem for manufacturers and suppliers

Newsbytes

WinWeigh is a dedicated, user-friendly Windows based weighing package which offers comprehensive site management capabilities - whether companies operate 1 or 101 weighbridges. The system, which can be readily integrated with ERP management systems including SAP, automates weighbridge operations allowing applications to be linked to a central location. *Ask for a copy of our WinWeigh brochure.*



Our range of wheelwashers ideally complements our weighbridges, especially at quarries, waste sites and farms.

Six concrete infill Titan weighbridge decks supplied to Bilanciai Group Member Pfister Weegtechniek in the Netherlands are playing a vital role at Europe's largest palm oil refinery in Rotterdam. The bridges were built in Chesterfield and then shipped to Rotterdam where the installation and concrete infill was carried out by Pfister engineers.

Keep up to date

You can keep up to date on our products, technical issues related to weighing and allied legislation via our web site www.weightron.com. For latest news visit www.weighingtalk.com.

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