

## EMC and Endress+Hauser Your Food Industry Weighing and Instrumentation Partner

EMC offer a diverse range of products of specific interest to the Food Industry and this Newsletter aims to provide an insight into some of the key products available:

### EMC Weighing Systems

EMC is New Zealand's largest manufacturer of continuous weighing systems, vessel weighing systems and electronic weighing processors.

With 35 years of experience, we have accumulated a wealth of knowledge and expertise that is difficult to find elsewhere.

EMC designed and manufactured Electronic Weighing Indicators and Processors are recognised internationally for their quality and ease of operation.

Our experienced staff can arrange installation and commissioning if required, and fully equipped mechanical, electrical and electronic workshops ensure full back-up and service is always available.

### Endress+Hauser Process Instrumentation

EMC are the sole NZ representative for Endress+Hauser, the world's leading supplier of instrumentation to the food industry, including flow, level, liquid analysis, pressure, temperature and data acquisition devices.

As examples, E+H manufacture more Magnetic Flowmeters than any other company and produce in excess of 250,000 pH electrodes each year.

EMC's qualified and highly trained engineers can assist with correct instrument selection for any application, and back-up support, on-site or in our workshop, ensures peace-of-mind operation.

### EMC Vessel Weighing

It is generally accepted that Weighing offers the highest accuracy and repeatability when measuring the contents of silos and vessels.

EMC Loadcell Mounts have simplified and reduced the cost of Vessel Weighing Systems but there are many varying factors to consider that can affect accuracy, e.g. size and type of vessel, support structures, pipe connections, movement during filling, environmental aspects, etc.

EMC has the specialist experience and knowledge to ensure you are provided with the correct advice and products.

Typical successful installations have included 80t milk powder silos, 12t vegetable oil tanks, 12m high 60t flour silos and many other vessels and small hoppers for varied products such as:

Flour, sugar syrup, coffee beans, milk powder, lactose, icecream "ripple", milk, cream, CO2 (brewery), malt, pasta flour, toffee, animal hides, etc.



Application:  
Bakery Dry Mix and Water Hoppers



DSM Mounts on 30t skirted Flour Silo

A variety of Loadcell Mounts are available to suit most applications:

**DSM** - for large vessels with built-in vertical / horizontal restraints. Powder-coated or stainless steel.

**Stabiflex** - fully stainless steel and ideal for vessel weighing in standard, hygienic, Ex rated, wash-down and harsh environments.

**SBM** - for smaller vessels with a simple foot-mount arrangement and low sensitivity to side loads.



### More information?

Circle Enquiry No: 1001

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