

Correct Filling Weight Guaranteed with Latest Checkweighing Technology

LUGATO

In order to comply with German finished packaging i.e. pre-packaged goods regulations (FPVO), Lugato GmbH & Co. KG has opted to use an officially verified METTLER TOLEDO XS40 checkweigher. In doing so, the company is able to guarantee that the specified nominal weight is checked continuously, ensuring that processes run quickly and smoothly.

On the production line for grout powder and tile adhesive in stand-up bags, the XS40 guarantees that no incorrectly filled products leave the production site. Here, Lugato benefits from the checkweigher's durability when faced with constant dust accumulation. This is thanks to the high level of tightness of the load cell and driving parts such as deflection roller bearings – a benefit which is available right from the standard version. Head of production Dr. Klaus We-luda had already used METTLER TOLEDO checkweighers and was therefore well acquainted with their long useful life and endurance.



Weighing stand-up bags with an XS40 checkweigher

Lugato

Reliable Checkweighing
for Avoiding Overfills
in Harsh Environments

Compliance with Trade Standards

METTLER TOLEDO

"We have been extremely satisfied with the quality of METTLER TOLEDO products and the technical customer service they provide for the last 20 years."

Dr. Klaus D. Weluda, head of production

Good use of space on the production line

Another aspect which was important for Lugato was the fact that the system would only take up a small amount of space on the production line. Thanks to its modular design, the XS40 was easy to incorporate with a separate control cabinet on which the weighing terminal was also installed. Only the weighing unit was integrated directly into the production line, saving valuable space.

100 percent inspection

With the XS40, Lugato can rest assured that each and every product will be monitored, meaning that no incorrectly filled products will be dispatched, as can sometimes be the case with a spot check. This builds consumers' trust in the product and the manufacturer's brand while also ensuring compliance with trade requirements. What's more, the automated process allows the company to make better use of its resources.



Easier to operate

The weighing terminal is located in a convenient, easily accessible position: The wall-mounted control cabinet with a weighing terminal installed on top ensures quick and safe operations, for example 'product changeover', allowing the company to switch to different items with the utmost convenience.

Efficient sorting procedure

Underfilled products that are outside the tolerances of the German finished packaging regulations (FPVO) are reliably rejected. This sorting procedure takes place efficiently and gently using a pusher which carefully pushes the underfilled stand-up bag to the side.

METTLER TOLEDO bench scale

Rejected products are collected on a roller conveyor, weighed again statically and manually, and refilled as necessary. They are fed back into the product flow upstream of the XS40 and undergo the inspection again. This results in no product waste whatsoever and the final reject rate is practically zero.

More information:

► www.mt.com/lugato

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