

## ***Single source supply of weighing equipment in a paint factory***

Mettler Toledo, Greifensee, Switzerland, reports that it has fully equipped a new automated paint manufacturing facility with streamlined weighing technology. The paint company Dunn-Edwards recently opened a new production plant in Phoenix, AZ. The company manufactures the paint in fully automated processes from the raw material to the finished product. Thus the production lines remain almost entirely hands-off. The core of the process is precise automatic dosing and batching.

Mettler Toledo won the tender for weighing equipment because it was able to provide a complete weighing solution with a minimum number of components. One of the key components is the versatile IND780 weighing terminal. They are used as dosing and batching controllers on the tank and floor scales, communicating with the PLC via the Modbus TCP/IP Fieldbus system. The IND780 is also used on the truck scale for weighing bulk materials as they enter the plant and finished product leaving the plant. The bulk materials are pumped out of the truck into large holding tanks. From there the materials are eventually mixed in small and large processing tanks supported by Mettler Toledo Flexmount® and Pinmount® weigh modules. In addition, some materials are weighed and mixed in IBC containers mounted on Mettler Toledo VLC floor scales.

The single source solution complies with the requirements for the automatic process and ensures high quality paint products while reducing costs from inaccurate mixing. The customer has a streamlined installation of weighing equipment with a small variety of components, thereby also reducing training efforts for operators and maintenance personnel. [www.mt.com](http://www.mt.com)