

3D Concrete Printing

Press Release

Matériaux Sabag Chooses MOBBOT's 3D Printing Solution

MOBBOT and Matériaux Sabag are working on establishing an important collaboration. The Fribourg-based company and concrete element manufacturer from the Jura region are joining forces in Delémont to produce 3D printed elements using sprayed concrete. Matériaux Sabag thus passes the industry 4.0 milestone and becomes the first partner to deploy MOBBOT's system in Switzerland.

The additive manufacturing technology developed and patented by MOBBOT utilizes a robot to construct three-dimensional reinforced concrete structures that comply with industry standards, and don't require custom molds. The system was designed to manufacture large parts, all in record time, with project modifications possible up to the last minute.

MOBBOT's technology offers unparalleled flexibility and speed in the production of concrete elements and reveals its full potential in custom manufacturing. "By introducing digital manufacturing in its brand new facilities, Matériaux Sabag positions itself as a true pioneer. Furthermore, the company has a very large network of established customers in the field of infrastructures and its team of employees holds unique know-how in prefabrication", says Agnès Petit, MOBBOT's CEO.

Another important advantage of this manufacturing process is its low carbon footprint. In fact, it's up to 30% smaller than that of on-site production. Matériaux Sabag's customers will thus reduce their own carbon footprint, by favoring customized prefabrication and using raw materials from local sources that are perfectly compatible with MOBBOT's solution.

Thanks to MOBBOT's additive manufacturing solution, Matériaux Sabag will be able to expand its product portfolio, especially in the field of infrastructures. "We will be able to respond to time-sensitive requests and offer our customers greater flexibility, tailored to the requirements of the construction sites," says Cédric Theubet, Operations Manager at Matériaux Sabag. This solution will be presented to partners and customers in the coming days and will be available by the end of September 2020.

About MOBBOT

MOBBOT develops and operates automated robotic 3D-concrete printing platforms. A patented spraying technique delivers them up to twenty times faster and with thirty percent fewer CO₂ emissions than standard methods. 3D-concrete printing of underground utility products for telecom, energy and water is far quicker and more durable than traditional formwork. Construction companies can work more efficiently with just-in-time production and minimal manual labor. MOBBOT was founded by Agnès Petit in 2018 and is based in Fribourg (Switzerland).

About Matériaux Sabag

Matériaux Sabag is active in the trade of building materials and employs 165 people. The prefabrication of concrete elements is part of the wide range of activities it develops for the construction segment. With recognized experience in this highly specialized field, almost 40 people are currently assigned to the construction of elements in its brand-new factory in Delémont (Switzerland).

For further inquiries :

MOBBOT's Solution

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