

Prinzing GmbH, Blaubeuren, Germany



Fully automatic production plant for self-compacting concrete products

Prinzing GMBH Anlagentechnik und Formenbau of Blaubeuren, Germany has extended its range with the Zelus plant, for the production of self-compacting

concrete components. A plant of this type is already in use, another is being produced.



compacting concrete together with the latest in automation and production engineering, the company sees completely new opportunities for manufacturers of concrete products and small and medium sized precast components.

Exhibition stand at bauma:
Hall B1, Stand 317

Further information:

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The Zelus plant for the flexible production of precast parts

According to the manufacturer an extensive range of products can be manufactured using this plant: not only u-channels, gullies, road guidance walls and light wells, but also concrete products such as fence stakes, panels, slabs, window sills, wall coping and other similar products can be made flexibly and in large quantities.

The production process is based on a circulation system, whereby a crane robot fully automatically moves up to 130 battery forms with dimensions of up to 6000 x 1400 x 1200 millimetres in an eight-hour shift. It then transports them to the specific workstations, for assembly, charging or demoulding, before removing them to the mould store.

The charging device fills each mould automatically, taking account of the geometrical differences in the products to be produced. Specially developed software keeps a record of the filling program for each mould and calls it up as required. In the synthesis of the particular advantages of self-



Fully automatic management of up to 130 battery forms in an eight hour shift