

The ELBA compulsory mixer with the double screw is the main product in the field of mixing technology. Several thousand mixers with a single or twin-shaft design are in use world-



wide and the manufacture of various types of concrete represents the most frequent application. The mixers are used wherever trouble-free concrete production is required on a long-term basis. The mixers are available in different sizes. The ELBA EMS single-shaft mixer is available in the sizes 0.5 to 2.66 m<sup>3</sup> hardened concrete and the ELBA EMDW twin-shaft mixer in the sizes 2 to 4.5 m<sup>3</sup> hardened concrete.

NEW is the ELBA EMPG K high shear planetary mixer product range, which is being exhibited in the sizes EMPG 500 K, EMPG 1000 K and EMPG 1500 K.

The EMPG series is used predominantly in the field of precast concrete. Characteristic of this design is a rotor that revolves around the central vertical axis and to which 1 to 3 rotating mixing stars are arranged, depending on the

size. The speed ratio between the rotor and the mixing star(s) is determined by the gearbox transmission ratio. Several concrete discharges are possible, thus allowing use in the most diverse plant and production conditions.

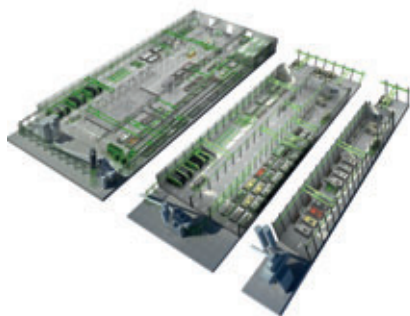
FURTHER INFORMATION



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Come and meet us at Bauma 2013, where we will be happy to discuss with you how to reach your goals, whether your need is small, medium or large in precast product manufacturing. We are ready to serve you with incomparable knowledge, technology, and complete solutions that are the result of having lis-



tened closely to our customers all over the world for six decades. As the leading one-stop-supplier, we believe in providing the best of quality on every level. While listening, we have learnt about varying needs for capacity, automation and flexibility.

Based on these insights Elematic introduces in Bauma 2013 the new technology levels, SEMI, PRO, and EDGE. These precast manufacturing solutions, including production lines for floors and walls, or both are designed to satisfy customers' individual manufacturing needs. Machinery, services, and end products within each continue to be of the same high quality Elematic is renowned.

Not only production lines of different levels, but also new machines of the same levels are launched -e.g. from Extruder S5 to Extruder E9, and from Comskip S5 to Comcaster E9. In

addition, Elematic's wide reference base including the world's largest precast factory, from over 3600 deliveries to all six continents, can be "visited" in an application on show at our stand B1 313/414.

FURTHER INFORMATION



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Microwave radio moisture measurement systems for installation in rotary mixing drums and mobile bulk material containers FRANZ LUDWIG GmbH presents its new product family of wireless microwave moisture measurement systems. The radio data commu-



nication between the transmitter and receiver enables the installation of the probe in mixers with a rotating mixing trough or in mobile bulk material containers. The use of an industrially compatible BLUETOOTH standard enables operation under harsh environmental conditions.

In comparison with previous probe installation situations in base/wall scrapers or as rod probes, the advantages of installation in the rotating mixer base are

- the avoidance of material adhesions
- precise moisture measurement, even for small partial mixtures
- lower probe wear

Apart from the measurement of moisture and temperature in stationary mixing machines, additional process parameters such as consis-

tency, slump and drum fill level can be reliably measured in ready-mix concrete truck mixers. High-performance exchangeable rechargeable batteries ensure an operating period of up to 150 hours.

The very compact system components can also be retrofitted with little effort.

FURTHER INFORMATION



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