



FOR IMMEDIATE RELEASE

Battery Show North America 2024 Booth #222

Marposs Demonstrates Process Monitoring for Metal Stamping/Forming Operations Using a Mini-Press

Detroit, Mich., Oct. 7, 2024 -- At this year's Batter Show in Detroit, Marposs will present its line of [Brankamp](#) monitoring, control and measurement units designed to improve productivity, part quality and reduce production costs in forming and stamping applications. Marposs' Brankamp X-series monitoring systems help to stabilize and optimize processes to avoid production failures, as well as minimizing tool and scrap costs.

The system automatically compensates for variation in sheet thickness, material hardness, tool and machine temperature, speed, etc. during the manufacturing process. Using a mini-press wired to the Marposs Brankamp monitoring system and a piece of paper that serves as the variation, visitors will see how the system automatically sends a signal to adjust the shut height of the press to adjust the change.

The main objective is to show companies how to overcome challenges in the production of electric mobility components using Marposs' Brankamp intelligent process monitoring systems. During the stamping or forming process of electric vehicle components such as battery housings for energy storage, rotors and stators for electric motors, or plugs and connectors there can be application issues that result in slug marks or material cracks. For this reason, 100% in-process quality control is necessary.

Marposs is displaying its BRANKAMP X3s in-process monitoring system, which can monitor different types of forming machines using sensors and other monitoring methods. In addition to the multichannel touch display, the X3 has various analysis functions including automatic recording of runtimes, set-up and downtimes as well as different counters and storage media to store all relevant monitoring and production data for different tools or orders.

An important feature of the X3s for the automatic control of the plunging depth for high-speed stamping presses. This means that systematic changes in various process parameters such as

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sheet thickness, material hardness, tool and machine temperature that change during the manufacturing process can be automatically compensated in connection with the machine PLC.

To find out more visit our website: www.marposs.com, call toll-free at 1-888-627-7677 or e-mail marposs@us.marposs.com.

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Marposs will demonstrate the capabilities of its Brankamp X3s monitoring system for forming applications via the use of a mini-press.

ABOUT MARPOSS

Marposs, founded in 1952, has distinguished itself by supplying advanced solutions that improve quality and productivity while reducing manufacturing costs through technologies such as process control, machine tool monitoring and precision gauging, as well as leak testing and automated assembly and control lines. A long-time key supplier to the automotive and aerospace markets, Marposs' growth strategy includes the acquisition of high-quality companies that offer innovative products complementary to its portfolio, enabling penetration into new market sectors. The Group currently has over 3700 employees worldwide and is present in 25 countries through more than 80 offices. www.marposs.com

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