

**MB bucket crushers at Bauma**

Italian company MB is now offering the Universal Quick Coupling. The company, which recently opened a subsidiary in Japan and the MB Deutschland office, says it will be an important occasion at which to demonstrate the "high quality of its products, and the consistency of an industrial strategy that has enabled it to consolidate its foundations and build its success."

Included its demonstrations will be the New BF 90.3 crusher bucket. The new version of the crusher bucket is said to be more durable, is more compact and has an improved structure. Its innovative crusher bucket has a novel jaw-like movement, and is able to crush all kinds of materials directly on site.

[www.mbcruiser.com](http://www.mbcruiser.com)  
Stand N828/3



An MB BF 90.3 bucket crusher

**Hybrid compaction**

Bomag's new BW174AP asphalt compaction roller offers high efficiency and economical running costs

**BOMAG has a new pivot-steered tandem roller in the 10tonne class aimed at asphalt compaction applications.**

This new machine has been developed from the successful BW174AP and features a large cab and ergonomic controls. The firm is also exhibiting a field-tested model with a hybrid drive.

The new ECOMODE system makes the BW174AP economical to run, with tests showing fuel savings of over 20% in comparison with conventional machines. An active engine management

package delivers power as required and cuts engine output, using an intelligent sensor system. This monitors power requirements and automatically adjusts the speed of the Kubota engine, as well as reducing in-cab noise levels.

The BW174AP is equipped with the firm's sophisticated ASPHALT MANAGER control package and the new cab benefits from an active armrest system, designed for easy operating use. The adjustable consoles ensure that the operator's arm rests securely to control the roller

comfortably throughout long shifts. The combined seat and operating unit can be turned 270° and extended sideways.

A sophisticated sprinkler system ensures that drums remain wet even in windy conditions, while an economy feature and a 750litre tank capacity offer extended work periods.

An innovative showstopper will be a version of the BW174APAM with its hybrid drive. In addition to a conventional driveline, this machine has an electric motor generator, a high capacity battery and associated electronics. Operation is simple and efficient: the battery is charged in generator mode when braking or during vibration shutdown. Any unused power is stored. Power peaks are levelled out when the electric motor takes power from the battery when switching on vibration or during acceleration. The system boosts economy significantly, and associated CO<sub>2</sub> emissions, with initial tests showing fuel savings of up to 30%.

[www.bomag.de](http://www.bomag.de)  
Stand F10.1009

**Cyber-Plus Evolution from Matest**

Matest is launching its C104N Cyber-Plus Evolution, the new PC-based control unit for automatic tests on concrete and cement.

The new solution has been studied and developed by Matest's R&D department during the last year to offer a new generation of PC-based control units.

The C104N Cyber-Plus Evolution works as a common PC on Windows CE operating system, and is said to provide a user-friendly interface, offering all the functions available on a PC for the management and the visualisation of data, information, and pictures.

Matest says that the

system has a modular structure so that it can be upgraded with new tests or languages modules at anytime, and it has no limits memory: Ram (64MB) and flash (32MB) memories can be upgraded up to 128MB and 256MB, and all tests data can be saved on external memories through two USB and one Slot SD-Card.

The unit has a full colour, high-resolution, and touch-screen display for a better visualisation of data and graphics, and it can be connected to the company Intranet or to Internet for remote technical assistance.

[www.matest.com](http://www.matest.com)  
Stand C1.50505

Matest's new C104N Cyber-Plus Evolution control unit for automatic tests on concrete and cement

