



EMITEC converts emissions

Emissions technology company Emitec has developed a highly efficient, compact diesel oxidation catalyst (DOC) for small engines.

Called the Compact Cat, Emitec said it developed the catalyst for use on engines in the 37-56kW power sector to meet Stage IIIB emissions regulations, without needing additional space for installation.

Cleverly, the Compact Cat makes full use of available exhaust gas temperatures by routing the gas back over the

outside of the catalyst after the initial flow-through process. This speeds up the catalyst warming process to improve emission cleaning ability on machines such as rollers, where short duty cycles often mean engines can rapidly cool down between re-use.

Emitec said its robust metal catalyst can be installed directly at the exhaust manifold or turbocharger outlet, as a result of it being resistant to high exhaust temperatures, pulsation and vibration.

www.emitec.com

MB develops quick coupler

Italian crusher bucket manufacturer MB has developed a universal quick couple range for excavators. Available in seven sizes to suit machines in all operating weight categories, the coupling weighs 80kg, around half of some competitive models. The MB universal quick hitch is a mechanical design. The company is working on a hydraulic hitch.

www.mbcruiser.com



SIMEX adds innovative rotary cutter to range

Italian attachment specialist Simex has added to its range of hydraulic units with the introduction at Bauma of a new rotary cutter, the TF100.

This unit shares design features with existing models in the line-up and is designed for use with excavators and other carriers.

Developed in-house the new rotary cutter will offer increased performance over rival units according to the firm.

In addition, the company is looking to widen its line-up of crusher buckets and has also unveiled an innovative new prototype which has a number of novel new features.

www.simex.it

SSAB develops range

Hard wearing steels said to allow customers to make lighter, stronger and more durable products was announced at Bauma by Swedish steel supplier SSAB

The company said its abrasion resistant Hardox 400 and Hardox 450 steels offer high quality and high performance for all heavy-duty, off-highway equipment applications.

www.ssab.com

YANMAR LAUNCHES SMALL ENGINES

Yanmar Europe has introduced two new 4TNV compact engines that meet Tier 4i/Stage IIIB emissions requirements while giving greater output. The 3053cc 4TNV94-HT is the larger of the two and with the help of a turbocharger provides output potential ranging from 73.5-88.4kW, putting the firm into a power sector previously unreached with the 4TNV series engine. The smaller capacity 4TNV88 remains a naturally aspirated engine, but produces 50-73kW output.

www.yanmar.nl

