



July 19, 2011

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## **Ligna 2011: Vollmer revamps wood working industry**

Biberach/Riß, 30th March 2011 – Vollmer revamps the Ligna 2011 by presenting two new grinding machines for circular saw blades, an extensible benching center, and an automated polishing process for PCD-tools. From 30th May until 3rd June 2011 shows the specialist for grinding and eroding machinery its products and service packages in hall 13 on booth A50.

Vollmer starts fully loaded with innovations the journey from Biberach to the Ligna 2011. In Hanover presents the Swabian grinding specialist three highlights to the international forestry and wood working industry: the grinding machine duo CP 200 and CPF 200, a more efficient measuring device for the benching center RC 110, plus an automated polishing process for PCD cutting tips on the universal machine QXD 200. Further grinding and eroding machines – such as for example the QM eco select for machining PCD-tipped tools – as well as the service packages for finance, trial applications, machine operator trainings, maintenance and machine services, complete Vollmer's appearance at this fair.

### **QXD 200 – Automated polishing process**

Nomen est Omen – at Ligna 2011 shows Vollmer just how much the universal machine QXD 200 meets even the highest expectations. Well-known for conquering even complex grinding and eroding processes, the QXD 200 offers from now on also an automated polishing process for PCD tips. The oscillation polishing process is set up by auto touch in a way that the PCD tip is only polished directly behind the cutting edge. This application method reduces the machining time considerably and therefore saves production costs. PCD cutters of consistent quality can be produced in unmanned and automatic mode in high quantities.

### **RC 110 – Band saw blades up to measure**

For the first time ever shows Vollmer at the Ligna 2011 its extensible and improved measuring device for the fully automatic benching center RC 110. After placing the band saw blade onto the machine, only a couple of saw blade parameter and nominal values must be entered via the control panel. The leveling and tensioning program starts by measuring the current values over the whole saw blade width and compares them continually with the pre-set nominal curve. Band saw blades machined on this benching center show improved operation times and reduced blade run-outs. This improves the cutting quality as well as the rate of yield in the saw mill.

### **CP 200 and CPF 200 – The perfect duo for circular saw blades**

Amongst all the machinery for the wood working industry presents Vollmer at Ligna for the first time its grinding machines CP 200 and CPF 200. This duo comes equipped with four CNC controlled grinding axes, multiprocessor technique, and integrated software programs. The CP 200 is especially apt for grinding chip and clearance surfaces of TC-tipped circular saw blades of various diameters and tooth geometries, whereas the CPF 200 was designed for precise side grinding. Intuitive operating facilitates the quick and easy use of these machines in the furniture industry and grinding shops. The LCD display guides the operator graphically through the programs. While the application process of one tool runs is the operator free to create a program for yet another tool. More than 4,000 programs can be stored in the machine.

### **QM eco select – Equipped with customized software**

Vollmer shows at the Ligna also the disc eroding machine QM eco select, which became lately equipped with individually selectable software packages. This makes the machine especially attractive for start-up entrepreneurs. PCD-tipped tools can be measured and eroded in one single clamping. Five simultaneously controlled CNC axes facilitate precise machining on the QM eco select, combined with excellent surface quality.

”The mood in the wood working industry is very positive and the preparedness to invest money has increased enormously compared to the last Ligna,” said Dr. Stefan Brand, CEO at Vollmer. “We adapted our portfolio accordingly and offer the industry state-of-the-art solutions such as the machines CP 200 or QXD 200, which are outstanding with regard to quality and cost-performance-ratio.”

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#### About Vollmer Of America

The VOLLMER Group has evolved as the specialist in re-sharpening and production of PCD tooling, Carbide-tipped circular saws, HSS circular saws, and Band saws. VOLLMER Technology & service offers the latest in grinding, erosion and conditioning machines for tooling and circular saw and band saw blades used in woodworking, metal-cutting, and the processing of composite materials.