



TIGRA with innovative products at Xylexpo 2006

The International Show for Woodworking Machines and Accessories in Milan will offer exciting news in 2006. For the first time the well-known exhibition opening its doors from May 16 – 20, 2006, will be on modern fair grounds with new halls and simplified hall division.

At Xylexpo also TIGRA will appear in a newly developed design. TIGRA will welcome its international guests in hall 1 S11 presenting innovative carbide products and latest profile grinding technology.

„Better than ever“

Our slogan „Better than ever“ emphasizes the steady ambition to be prepared for changes and investments although some of our common procedures had to be changed.

At Xylexpo for the first time TIGRA will offer a complete range of carbide inserts for woodworking machines and tools.

Product extension thanks to innovation

In addition to our proven reversible knives, carbide strips and tips, standardized and customized blanks in various dimensions, forms and grades, TIGRA enlarges its range of products with more knives. Intensive development and technical progression enable now that TIGRA can offer various planers and knives for planing systems in tungsten carbide, TCT and/or HSS.

The top quality knives are also available in different dimensions, carbide and HSS grades suitable for the particular application.

Additionally the Bavarian company located in the North of Augsburg will present an expanded program of back-corrugated blanks. The inserts will be offered in all popular dimensions in TCT and brand new in different HSS grades.

Technical highlights shown for the first time at Xylexpo TIGRA will display our revolutionary alternative of hinge bits. In contrast to common systems the total tool only consists of two individual parts, a steel shaft and a carbide tool head both being glued together very closely. The gluing of the parts effects that the labour-intensive brazing gets superfluously. Due to the improvement of the cutting geometry the mechanical wear is tremendously reduced, too.

New Profile Grinding Machine

At Xylexpo TIGRA will enlighten its visitors with latest profile grinding technology. The forward-looking grinding development “TIGRA Evolution” provides the customers with standard and own-designed profiles quickly and effectively. The new profile grinding generation characterises high productivity, efficiency and flexibility due to a technically sophisticated design. The CNC grinding machine is user-friendly, easily accessible and makes daily production easier.

The TIGRA Evolution promises top grinding quality and extreme precision when grinding blanks, reversible knives and backing plates because of its massive base frame, the high rigidity and highly resolved, digital axes. The self-explanatory control panel, the convenient special software and latest control engineering as well as the optimized accessibility enable the users to operate the machine efficiently and without wasting time.

Also if customers’ demands are very complex and seem to be difficult the TIGRA Evolution manufactures top results also without any special user knowledge.



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In a short time customers are able to grind hundreds of blanks in various forms and grades in one process. Thanks to the storage of hundreds of plates in flexible customized magazines the profile grinding machine can work day and night without any necessary interruptions. It's a long-term investment saving customers' time, staff and especially capital.

Individuality thanks to various options

Although the positioning of the machine in the production hall practically may seem restricted, customers will find an optimized solution due to the modular design with separation of the profile machine from the control cabinet. It is TIGRA's main target to offer no standard, but a customized profile grinding machine which satisfies all professional needs of the customers. For further technical information please visit TIGRA's booth at Xylexpo presenting the TIGRA Evolution in action or contact info@tigra.de.