

Wintersteiger Shows Product Depth



TRC-M Easy model at Xylexpo

The semi-automatic machine can be used as a wood surface repair entry model on one hand or alongside the TRC 3000+ on the other hand to fill in cracks on special products or alternative sizes such

as products that are larger than normal.

Following a number of customers requested, a new model has been added to the TRC product line. The TRC Easy Plus, which was also displayed at XYLEXPO, combines all the advantages of TRC technology in one. Automatic scanning is followed by automatic injection. There are several variations of the TRC Easy Plus available, which enables it to cover all medium capacity requirements from manual loading to the fully automated version. In addition, the TRC Easy Plus can handle work pieces up to 650 mm wide.

Wintersteiger's stand at Xylexpo would of course not be completed without the thin-cutting frame saw blades developed and manufactured in-house. They are designed to meet specific and individual customer requirements perfectly and make Wintersteiger the complete provider.

The products available included:

- Carbide-tipped saw blades, which are specially developed for hard wood types and woods with abrasive substances

in them or substances containing silicate

- Stellite® saw blades, which have a wide range of industrial uses
- Two additional options: X-Clean saw blades, which are made with teeth on the back according to a patented design and produce up to 92 per cent less dust, and X-Well saw blades, which allow unique floor surfaces to be created

Wintersteiger from Austria is known for advanced thin-cutting technology that is used worldwide in the production of lamellas. The thin kerf, highest accuracy, a surface to glue and processing the lamellas without additional steps are key benefits for users. Wintersteiger thin-cutting solutions for wood are used in the production of lamellas starting with 1.5 mm thickness. Among the customers are manufacturers of engineered flooring, doors and windows, multi-layer boards, pencils, musical instruments, etc.

Solar Parabolic Concentrator for High Quality Drying Kilns



Solar Parabolic Concentrator (Photo: incomac)

The working principle of the Solar Parabolic Concentrator from incomac is based on the sunbeam reflection system on a group of anodised Aluminium mirrors (called Heliostats) and the focalisation on a point called the "Receiver" or "Boiler", where it's possible to reach a temperature of between 800/1000°C.

The boiler is a copper serpentine system and has the function of receiving the solar radiations and to transform them in to thermal energy. In the boiler flows a water flux: this regulates the speed, thereby allowing the water to be heated to the desired temperature. The circuit of the water, which is heated by the solar energy, can be connected in parallel, to the drying heating system, to either integrate or replace the thermal energy which is being produced electrically, by a boiler or other systems..

The Concentrator is equipped with a pursuit electrical system which constantly follows the sun from sunrise to sunset, thereby capturing the maximum hours of sunlight. The electronic device is constantly analysing the sun movement, the water temperature, the cloud and the wind speed. Therefore, if any critical conditions arise, the system automatically makes the necessary, corrective actions. Finally, it measures and records the thermal production data.