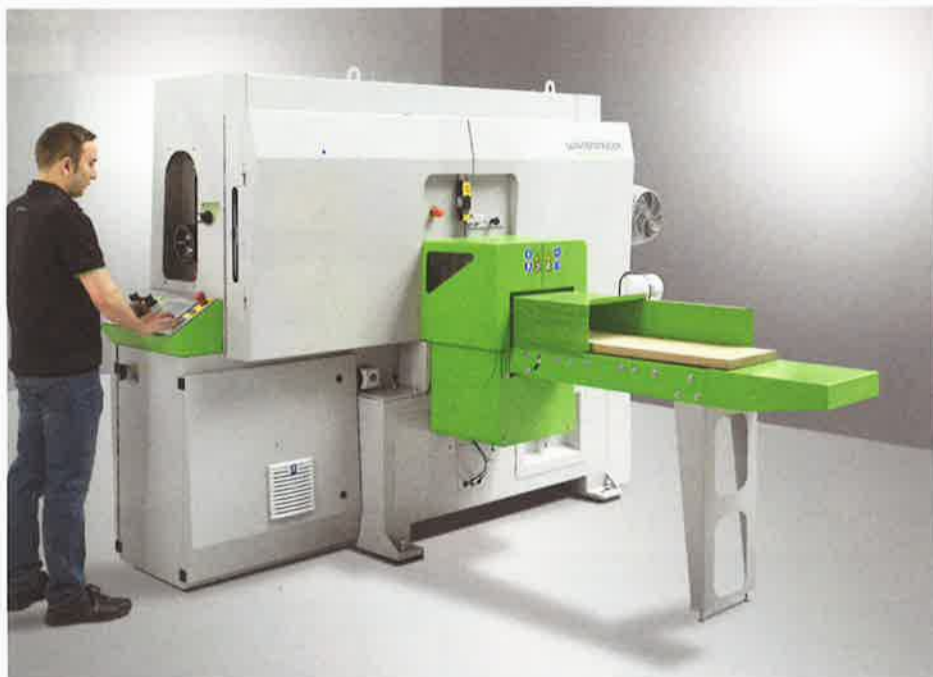


# Entry-Level Models for Precision Thin Cutting of Wood and for Timber Repair

Wintersteiger is opening up new possibilities with the DSB Compact 310 single-module thin-cutting band saw! The machine was developed as an entry-level model for the precise thin-cutting of wood. Adapted exactly to customer requirements, it cuts wooden blocks with a width up to 310 mm and with a kerf starting at 1.1 mm – with an excellent price/performance ratio.

The new thin-cutting band saw brings many innovations. A newly-developed conveyor belt feed system which is built on a solid-cast sub-structure transports wooden blocks at speeds between 1 and 16 m/min., depending on the type of wood and block preparation. At those speeds, the machine achieves a cutting precision of  $\pm 0.2$  mm. In addition, the automatic, continuous cleaning of the conveyor belt ensures a clean transportation surface and thus precision for both dry and wet cutting. The smooth saw blade entry is also a new development: upon entry into the wood, the speed is reduced and subsequently raised back up again. This is smooth on the saw blade. As on all Wintersteiger thin-cutting band saws, a high-tech carbon pressure guide system ensures exact blade guidance. The machine is ergonomic and easy to maintain – the extra housing around the saw unit inside the machine reduces cleaning effort.

Additionally, customers can choose from a variety of optional features. The innovative spraying system for wet cutting cools and lubricates the saw blade, resulting in a longer service life. Also new is the ability to spray with wa-



DSB Compact 310 single-module thin-cutting band saw.

ter, which can be used besides wood-compatible spraying agents for certain types of wet wood. Roller-table extensions for the in-feed and out-feed ensure a sturdy block support. The construction of the DSB Compact 310 thin-cutting band saw makes it possible to easily position multiple machines in-line. The customer remains flexible: when demand rises, the capacity can also be raised with additional machines added in-line.

Like all Wintersteiger band saws, the DSB Compact 310 can also be equipped with remote service. That means that the service technician can connect with the machine online. Remotely and in real time, the technician explains to the operator which settings are necessary to implement the desired application.

## Timber Repair & Cosmetics (TRC)

Wintersteiger also showcased the TRC-M Easy at Holz-Handwerk. The semi-automat-

ic machine may be used as an entry-level timber surface repair model, or alongside the TRC 3000 to correct either customized products or products with unusual (e.g. larger than normal) sizes.

Wintersteiger's "Timber Repair & Cosmetics" (TRC) is a highly advanced and already established system, repairing flooring or wood panels with a unique detecting and injection system. The main advantages of the TRC injection system are: high-pressure injection of the filling material, 100 % sealed around repair spot, no material shrinkage / bubbling, the panels can be stacked or processed further immediately after repair. Very important and a major advantage of TRC is that the filling material achieves the hardness of the processed wood. The TRC product range covers all capacities – from semi to fully automatic machines. For special applications Wintersteiger also offers adapted system solutions, in-line with customer needs.



TRC-M Easy - entry-level timber surface repair model.