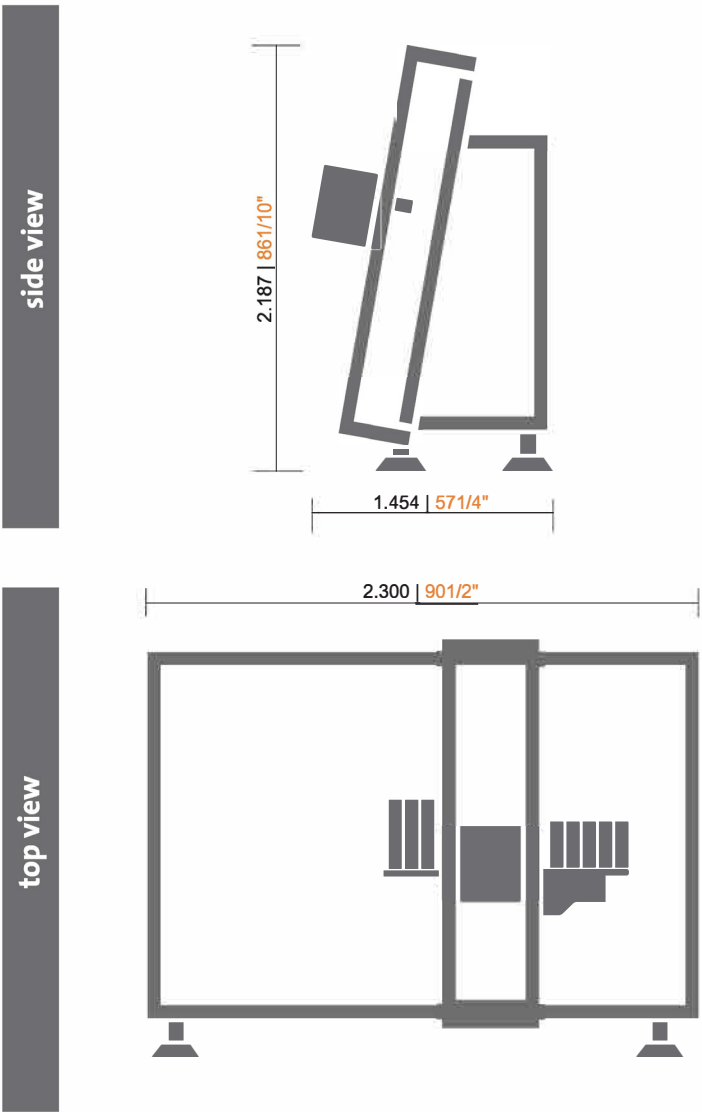


**HYBRIDsetter®**

- Technical data



**Operating system**  
**Network connection**  
**Service link**  
**Weight**  
**Electrical supply**  
**Power consumption**  
**Air pressure**  
**Max. size of board**  
**Magazine**

Windows CE/7emb.  
VPN (if available by customer)  
ca. 1.050 kg  
400 V, 16 A; 50 - 60 Hz, 3 phases (+ 1 x neutral)  
< 1 kW/h  
6 bar (<100NI/min)  
1.340 x 2.120 | 53.0" x 83.5"  
8 x pins, 3 x claws

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**Official seal**  
**for outstanding achievement**  
**in research & development**



**green production:** Saving up to 80% laser energy and considerable reduction of soot formation in comparison to conventional manufacturing. This protects our environment and our health as well!

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contact:



**Your Problem Solving Partner**  
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**HYBRIDsetter®**

**Pins & claws automatically inserted!**

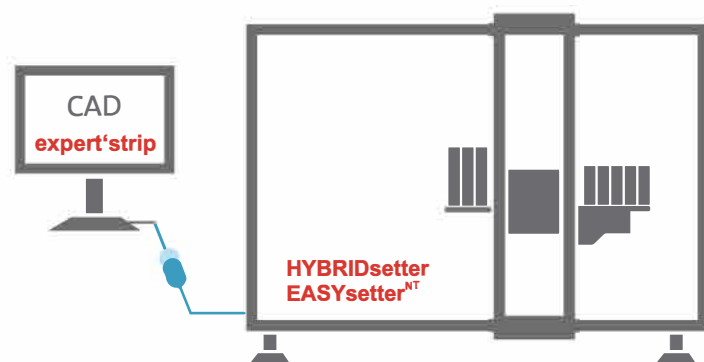
*GAME CHANGER!*



**The HYBRIDsetter.**  
**The stripping solution!**

## HYBRIDsetter®

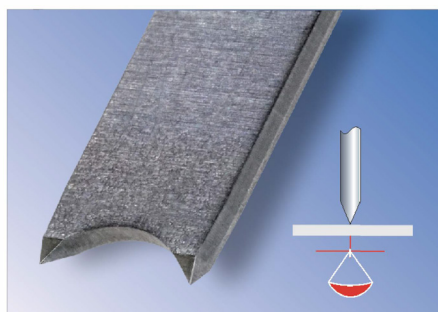
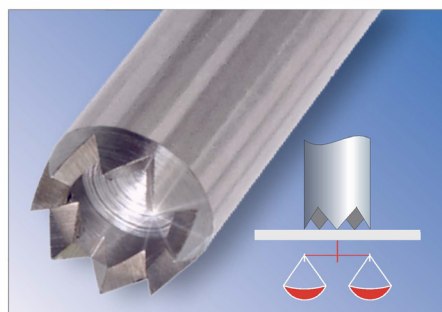
- Automatic, precise, fast and flexible
- The complete cost saving solution



The HYBRIDsetter is the result of more than 25 years of stripping experience. The selection of the pins & claws is fully automatic from the magazine, moved to the correct position of the board in a single operation, then inserted directly into the wood. **The need to laser or pre-drill the holes for insertion of pins & claws is eliminated!** With the optimization of this technology the grain of the wood can firmly grip the pin/claw and anchor it. The result is great strength and verticality of the pins and claws in the wood. The automatic process of setting pins & claws allows for less manual work and more flexibility in the design.

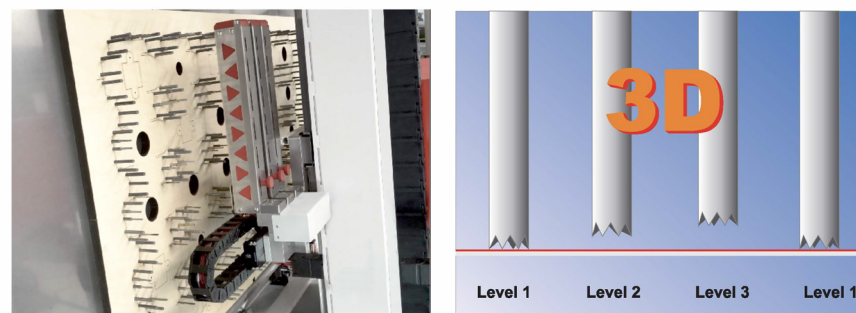
To allow for **different needs of customers and materials they convert**, there is an assortment of standardized parameters in the control system. With a total of **8 magazines for pins and 3 magazines for claws** there is complete flexibility of programming to suit your customer's requirements. Switching between different wood thicknesses and insertion depths (ie 3D) is quick and easy.

The **compact design** allows for a reduced operational area and is extremely quiet.



## expert'strip®

- Generating of complex stripping forms
- Unlimited combination of pins & claws



expert'strip is the term used to describe the application of the technology where the **independent CAD software** is integrated to process **CF2/DXF/DDS** data. **Automatic waste analysis** of the inside and edge waste areas, speeds up programming process.

For stripping without lower pins (dynamic stripping tools), semi-automatic settings or custom adjustments are possible.

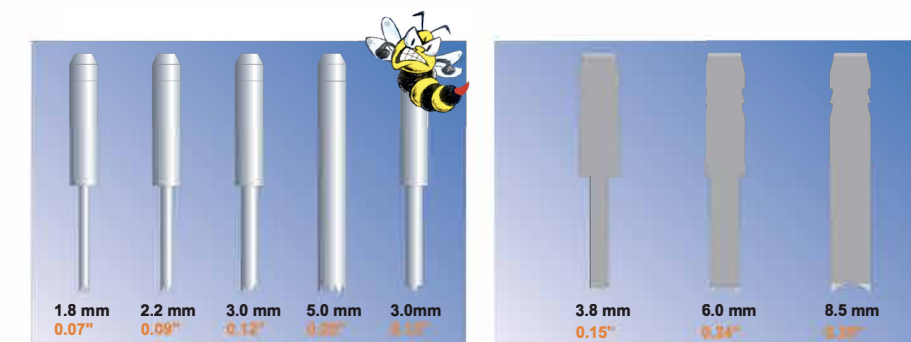
Automatic setting of the pins & claws in **3 different planes or depths (3D)** can considerably improve the stripping quality of forms with excessive pins. The entire sheet is analyzed and calculated in expert'strip. Depending on the mechanical force of the die cutter, the pins and claws can be set **3-dimensionally** over the entire surface, in 3 different predetermined heights.

After programming, the data is output into 2 files, a DIN file is sent directly to the HYBRIDsetter and the other file (CF2) is used in the existing CAD system. Several layers are available in the CF2 file for output to the laser. One layer is for the upper stripping form with proper gripper, centerline and board size. Another layer contains the lower stripping board with modifications to allow for optimum stripping and alignment. The HYBRIDsetter can start setting the pins and claws immediately upon receiving the file.

Suitable for **all materials and die cutters** up to 2120 mm board format (matching Mastercut 2.1). Stripping forms made on the HYBRIDsetter ensure **maximum sheet output!**

## crown'pin® | crown'claw

- Consistent quality: digital locating–eliminating human error
- Unlimited flexibility in design options



The HYBRIDsetter utilizes pins & claws with a variety of sizes and functions. There are 8 magazines for pins and 3 magazines for claws, that hold a variety to sizes and styles. The pins are distinguished as follows: **pins with flat heads**, **pins with several sharp points** (crown'pins) and a **pin with one point** (for bee'strip). The **sharp pointed claws** are used to supplement the pins in tight narrow slot areas. The pointed pins & claws are used for **dynamic stripping**, while the pins with flat heads can be used in conjunction with lower pins. The pins & claws are 48mm long, allowing for easy use of 3D technology in combination with optimum anchoring in the wood.

The **precise quality of the pins & claws** guarantees problem-free and long-term use for **cardboard, micro-flute board and corrugated cardboard!**

This system is suited for all modern high-speed models (Mastercut, Expertcut, Sprintera, Spanthera, Dymatrix, Speed etc.) and of course for all older sheet fed die cutters from any manufacturer.

