

TIPS

TOOLING IDENTIFICATION AND POSITIONING SYSTEM



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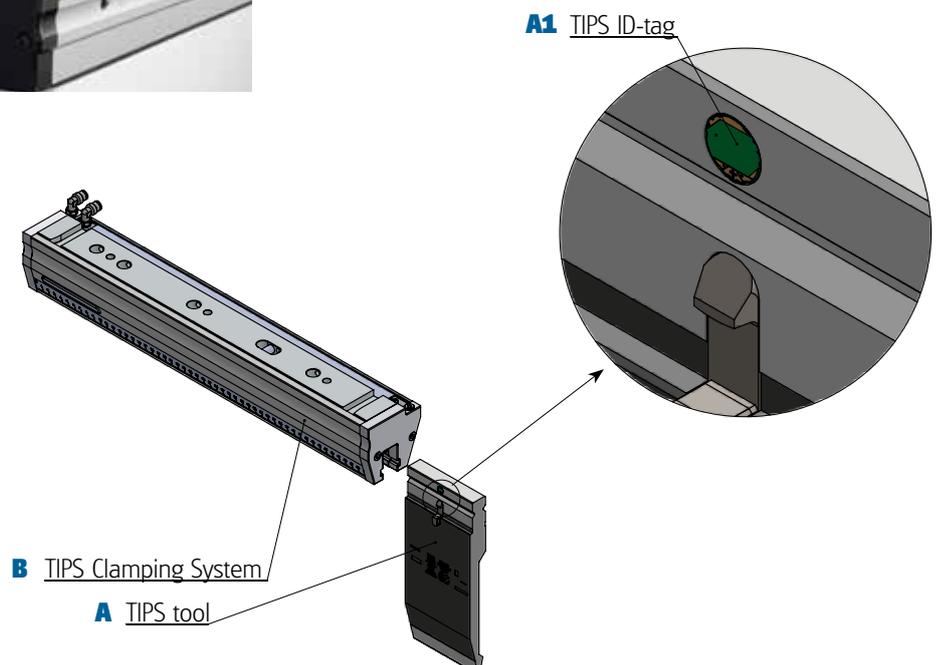
WILA's core activities are aimed at a single mission: To achieve the highest level of productivity for the press brake user. To achieve this, WILA continuously strives to develop the latest bending technologies and innovations, resulting in high quality products. The TIPS system is one of the most recent WILA innovations.

The **WILA TIPS** system is an integrated part of the press brake control system and supports tooling identification and continuous monitoring of **tooling position**. In any position in an upper clamping, lower clamping or storage system, tooling can be **located and identified**. Due to the very precise recognition of the tools, the TIPS system **indicates** if the correct tool is being used, if the length of the tool is correct, and what should be the **exact position of the tool** in the clamping system. With this detailed information both **errors and test bends can be avoided**, resulting in a substantial increase in productivity.



TIPS TOOLING (A)

Each New Standard[®] Premium (special) tool can be equipped with a TIPS ID-tag (A1). The ID-tag holds an unique serial number which represents tool specific information (e.g. tooling length, type, max load, etc.) which is necessary to identify each tool.



TIPS CLAMPING SYSTEM (B)

Any New Standard[®] Premium automatic clamping system can be equipped with the TIPS system up to 4590 mm/180.7" length. TIPS electronic communication boards are fitted in the complete length of the clamping system. By means of a continuously changing electric field, the TIPS system is able to power the ID-tag and receive messages. Each TIPS Clamping System is connected to the TIPS DIN Clamping Switch by a cable.

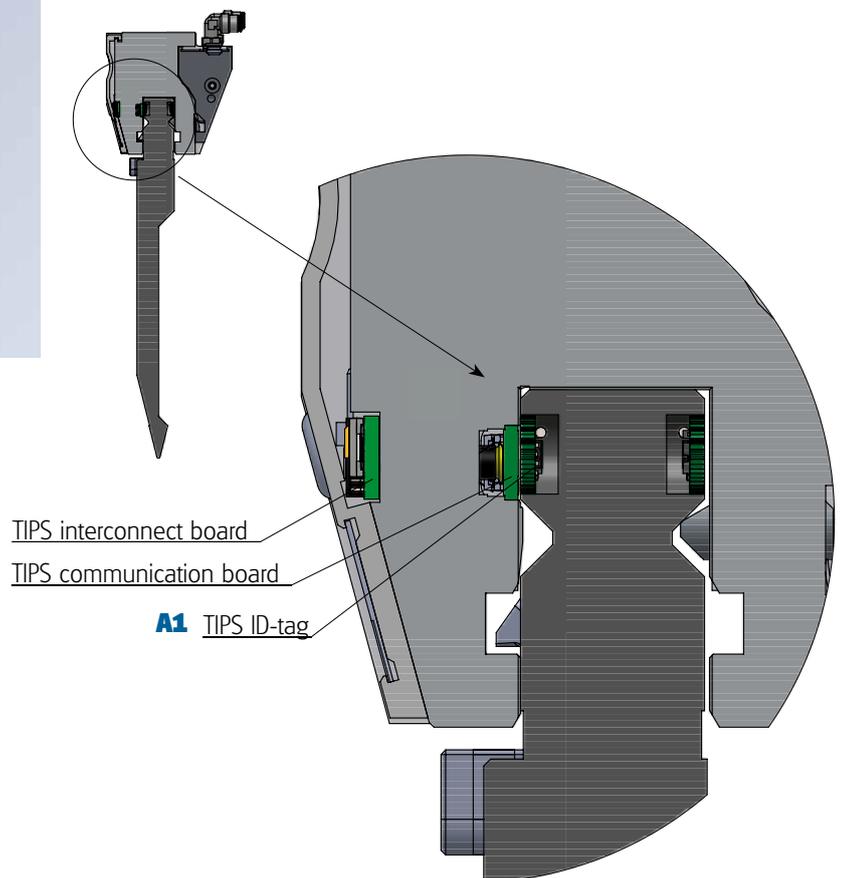


Custom TIPS controller.

CUSTOM TIPS CONTROLLER (C)

The custom TIPS controller is a custom PC with an built in CAN interface and Clamping switch.

All necessary electronic components are integrated in this PC. The custom TIPS controller can be connected with the press brake control system through a CAN or Ethernet interface.



WILA. THE PRESS BRAKE PRODUCTIVITY PEOPLE.

WILA is totally focused on providing a line of products and support systems to maximize the productivity of your press brakes. For over 80 years, WILA has specialized in Clamping Systems, Crowning Systems and Tooling and Accessories to reduce set-up time and improve accuracy of the press brake. Through strong partnerships with the world's leading press brake manufacturers, an extensive and trained dealer network, long experienced regional managers, dedicated application support and engineering staff, WILA is always close at hand to support your needs.

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