

A French SME is looking for a manufacturer in metallurgy to produce its innovative tool that provides a new technical solution for the manufacture of wooden decking cladding, panelling, flooring and roof slope for carpenters.

## Summary

Profile type	Company's country	POD reference
<b>Business request</b>	<b>France</b>	<b>BRFR20241218037</b>
Profile status	Type of partnership	Targeted countries
<b>PUBLISHED</b>	<b>Commercial agreement</b>	<b>• World</b>
Contact Person	Term of validity	Last update
<a href="#"><u>Giovanni CHIACCHIO</u></a>	<b>20 Dec 2024</b> <b>20 Dec 2025</b>	<b>20 Dec 2024</b>

## General Information

### Short summary

The company based in France, has developed a new patented tool for wood construction. The tool provides a new technical solution for works of wooden decking cladding, panelling, flooring and roof slope. It is primarily aimed at carpenters in a market oriented towards countries where wood is the predominant building material, especially in Northern Europe and America.

### Full description

The company, based in France, has developed an innovative wooden construction tool. Its founder, a carpenter with over 30 years of experience, conceived the idea for this tool to streamline his work and save valuable time. The tool is a board straightener equipped with an innovative adjustment and clamping mechanism, making it particularly effective for assembling wooden boards (such as decking, cladding, paneling, flooring, or roofing underlay). Additionally, it simplifies tasks not only in woodworking workshops but also in mechanics and welding applications. Carpenters are highly skilled in working with wooden boards that have become warped due to machining, storage, or transportation, and must be straightened during installation to ensure uniform joints and high-quality results.

Although tools exist on the market to address the challenges posed by warped wooden boards, they are not widely adopted by professionals, as they fail to offer an effective and versatile technical solution.

The tool offers an optimal technical solution and is designed to be highly versatile, adapting seamlessly to various installation configurations. It is user-friendly, intuitive, and reversible, allowing for both right-handed and left-handed use.

Several prototypes have been produced and tested on-site by carpentry professionals, who have confirmed its value. Convinced of the innovative nature and effectiveness of our tool, a French patent and an international PCT extension have been granted.

The project has now reached its final design phase, and we are seeking an industrial partner capable of manufacturing and distributing it.

The company is also looking for commercial partners specializing in the tooling sector to ensure distribution beyond France.

As the company operates in the field of tool design, they require the expertise and know-how of a manufacturer to develop this new tool, which is poised to be a resounding success among professionals and private carpenters alike.

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#### Advantages and innovations

Numerous advantages over existing tools :

- Versatile : The only tool capable of handling a wide range of installation applications, including decking, cladding, panels, soffits, flooring, and workshop clamping.
- Intuitive to use: Simple and straightforward operation.
- Robust and durable : Constructed entirely from metal (steel/aluminum).
- Enhanced ergonomics : Reduces user fatigue for greater comfort.
- Safety first : Eliminates risks of injury or repetitive strain for users.
- Reversible : Can be used on the left or right side to suit installation requirements.
- Significant time savings : Accelerates the work process considerably.
- Efficient multi-row operation : Enables simultaneous work on multiple rows of boards.
- Visually appealing design : Facilitates quick and easy placement of the tool.

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#### Technical specification or expertise sought

The company is seeking a manufacturer of tools or an industrial partner specialized in metallurgy, equipped with the following capabilities: laser cutting, bending, and welding.  
Currently producing and distributing in France, the company is also looking for distributors in other European countries.

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#### Stage of development

**Already on the market**

#### IPR Status

**IPR granted**

#### Sustainable Development goals

- **Goal 9: Industry, Innovation and Infrastructure**
- **Goal 17: Partnerships to achieve the Goal**

IPR Notes

## Partner Sought

### Expected role of the partner

Our client is seeking an industrial partner capable of manufacturing this tool. As the company specializes in tool design, it now requires the expertise and technical know-how of a manufacturer to develop this new tool, which is poised to become a success among both professional and private woodworkers. The ideal partner will operate in the metallurgy sector and must have the capacity to scale production to meet the growing demand for a tool that has already proven its effectiveness with industry professionals. Additionally, the partner should have established promotion and distribution networks in regions where the tool will be most relevant, particularly in Europe and North America, where wood construction is prevalent and carpentry businesses are well-positioned to invest in high-quality equipment.

### Type of partnership

**Commercial agreement**

### Type and size of the partner

- **SME 50 - 249**
- **Big company**

## Dissemination

### Technology keywords

- **02002009 - Machine Tools**
- **02002005 - Forming (rolling, forging, pressing, drawing)**

### Targeted countries

- **World**

### Market keywords

- **08003001 - Machine tools, other metal working equipment (excl. numeric control)**

### Sector groups involved

- **Construction**

## Media

Images



[Visual of the tool](#)

