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## **Independent Test by Fraunhofer IPA: Bichamp Bandsaw Blades on Par\* with Reference Products**

***In an independent test series, the Fraunhofer Institute for Manufacturing Engineering and Automation IPA compared M42 bimetal band saw blades from renowned European and international manufacturers. Results from the first completed round show that the tested Bichamp band saw blades achieve a comparable performance level to the reference products – with a product price that, according to the company, is up to 30 percent lower.\*\****

Frankfurt, September 14, 2026. Bichamp Cutting Technology EMEA is having its band saw blades independently tested in a direct comparison with products from other renowned manufacturers. The study is being conducted by the Fraunhofer Institute for Manufacturing Engineering and Automation IPA. The objective is to evaluate performance objectively under defined practical conditions.

### **Test Setup and Evaluation Criteria**

M42 bimetal bandsaw blades were tested. The test procedure comprised five break-in cuts in C45, followed by 50 cuts in V2A and another 45 cuts in C45. Key process and quality parameters were evaluated, including current consumption, vibration acceleration, cutting force, perpendicularity, thickness deviation, roughness (Ra and Rz), cutting edge radius, wear mark width, and chip class.

The measurements were performed using a Lorroch TC tool measuring device in conjunction with Delphin hardware and software for data acquisition on a MEBAmat 330 band saw during the period from May to September 2026.

### **Results of the First Test Series**

After completion of the first test series, the results indicate that the tested Bichamp bandsaw blades and the reference products from other manufacturers are at a comparable performance level\*. A second test series, currently underway, is intended to validate these results.

### **Quote**

*"The preliminary results of the study confirm for us that good quality does not have to be expensive. What matters is achieving the optimum price-performance ratio," says Michael Möller, Managing Director of Bichamp Cutting Technology EMEA.*

### **When Quality Is Right, Economics Decide**

If quality is comparable, as preliminarily confirmed by the test, another factor moves into focus for Bichamp: the price-performance ratio. The right bandsaw blade is not necessarily the fastest or hardest-wearing one, but the one that is precisely suited to the customer's process. According to Bichamp, the company delivers comparable performance at a product price that is up to 30 percent lower\*\*. For users, this means lower tooling costs and a better TCO without compromising cutting performance.

Bichamp EMEA will present the final results of the Fraunhofer IPA study to interested parties in a personal discussion after completion of the study.

*\* Regarding the results of the Fraunhofer IPA test series: The results stated here refer to the first completed test series. A second round, currently underway, is intended to validate these results.*

*\*\* The price comparison is an independent statement by Bichamp EMEA based on an internal market price analysis and is not part of the Fraunhofer IPA test series.*

### **About Bichamp EMEA**

Bichamp Cutting Technology (Hunan) Co., Ltd., headquartered in Changsha, was founded in 2003 and is now one of the world's leading manufacturers of metal saw bands. Since 2004, the company has been manufacturing bimetal and carbide saw bands in-house, covering the entire value chain from raw material production through heat treatment, tooth geometry, and set to coating and final finishing. In 2026, production was expanded to include the manufacture of circular saw blades. With approximately 700 employees, Bichamp produces about 29 million meters of saw bands per year.

Since 2018, Bichamp has been expanding its international presence through local subsidiaries, including in Europe and India. Bichamp Cutting Technology EMEA operates as an independent company with its own sales, technical consulting, application engineering, and welding stations with warehousing. Michael Möller serves as Managing Director for the European business, supported by Fred Rijneveld (COO) and Lars Borkowsky (CSO).

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### **Addendum**



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