

Panel sizing

Precision that powers production

More precision. More productivity. More profit per cut.

Exceptional processing quality that ensures clean, accurate results in every shift.

Designed for industrial demands, producing perfect cutting surfaces that reduce rework and improve final product quality.

High feed speeds, keeps your production lines keep moving — maximizing output without compromising precision.

With more than 20 reconditionings, you benefit from extended tool life, lower tooling costs, and reduced downtime.

Our product range of panel sizing saws, makes integration into your production process seamless and reliable.

>20

Reconditioning >20 times

Tri-Metal Brazing*

Allows the carbide teeth to withstand high stress and impact especially when cutting harder woods and composite materials

Specially formulated carbide

Stays sharper longer by reducing cutting edge abrasion, improving cut quality and tool life.

Mirror finish shapering

Each tooth is precision ground on a multi-axis CNC machine creating perfect edge angles that provide extra-clean cutting performance and extended life.

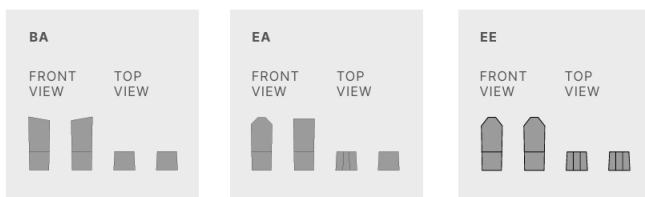
Premium saw body

Only quality steel from Germany and Austria with laser cut dampening slots reduce vibrations and noise.

Laser slots

Laser cut dampening slots reduce vibrations and noise.

Available tooth shapes

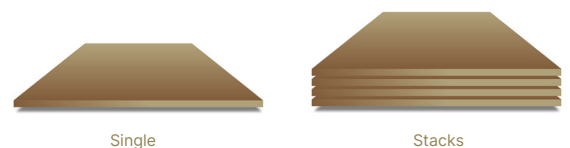


Technical information

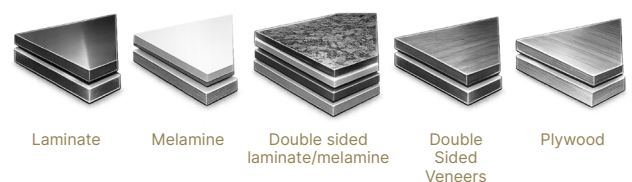
- Tooth shape EA recommended for chipboard and fibre materials paper and plastic coated, veneered and machines with scoring.
- Tooth shape BA recommended for chipboard and fibre material, laminated veneer lumber (e.g. plywood, mulitplex plywood) and machines with and without scoring.
- Tooth shape EE special cutting geometry for excellent cutting results in finish cut quality. Suitable for high feed speeds in batch size 1 production.

Applications

For sizing of panels, stacks or single.



Workpiece materials





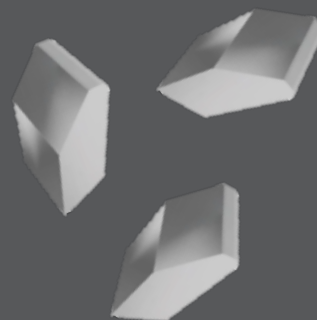
A new tooth – A refined chemical composition

Carefully selected tooth for customers expecting the best

Together with suppliers a new tooth selection for challenging materials and applications has been developed. This allow for longer running times - maintaining same cutting quality.



W_2C
Wolfram Carbon



Conclusions

01

Durable tool

Optimized tip selection and design together with updated material allow for increased durability.

02

Production economy

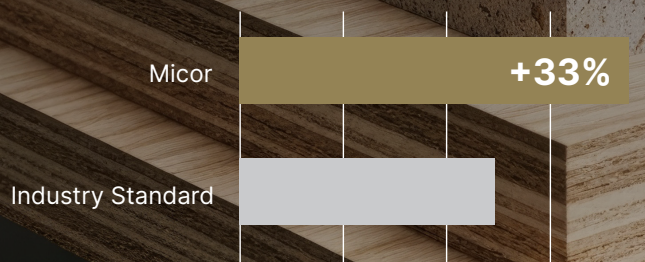
Longer running time allow for less operational disturbance equaling in fewer postings. Resulting in positive production economy.

03

Price vs. performance

By reaching industry premium standard levels together with optimized manufacturing processes allow for a better price vs. performance output.

Test results



Customer #1

Test conducted at a world-renowned kitchen manufacturer located in Sweden. Previous data on industry standard performance at the sites, was 1200 running meters. After testing Micor, they increased the running meters by 33% (400 running meters). Totaling 1600 running meters.

Customer #2

Large test conducted in Sweden at a big premium furniture manufacturer. Price performance objectives were set out together with customer, who strived to reach same premium result, with quicker delivery times, and at the same time reducing cost (freight, currency, production efficiency). Resulting in our blade delivering ~60% more value with the same performance level as competitor*.

~60%

*Japanese premium manufacturer

About Micor

Micor circular saw blades have been around since the mid-50's and were one of the pioneers in the industry, developing the technology to equip saw blades with hard metal inserts. Nowadays, Micor manufactures saw blades for industrial use, where there is high demand for precision, performance, and endurance. Micor saw blades are commonly used and supplied to various industries, such as the Wood, Metal, Plastic and Food processing industries. The circular saw blades are manufactured in Sweden.

About our site in Laholm

The production plant in Laholm is focused on production and development for the Circular Saw Blade and Planing Tool market segments. With modern equipment at our newly renovated facilities, we develop solutions for tomorrow's products and needs. The site in Laholm can easily be accessed as it is situated close to the E6, to the south of Halmstad in Sweden.