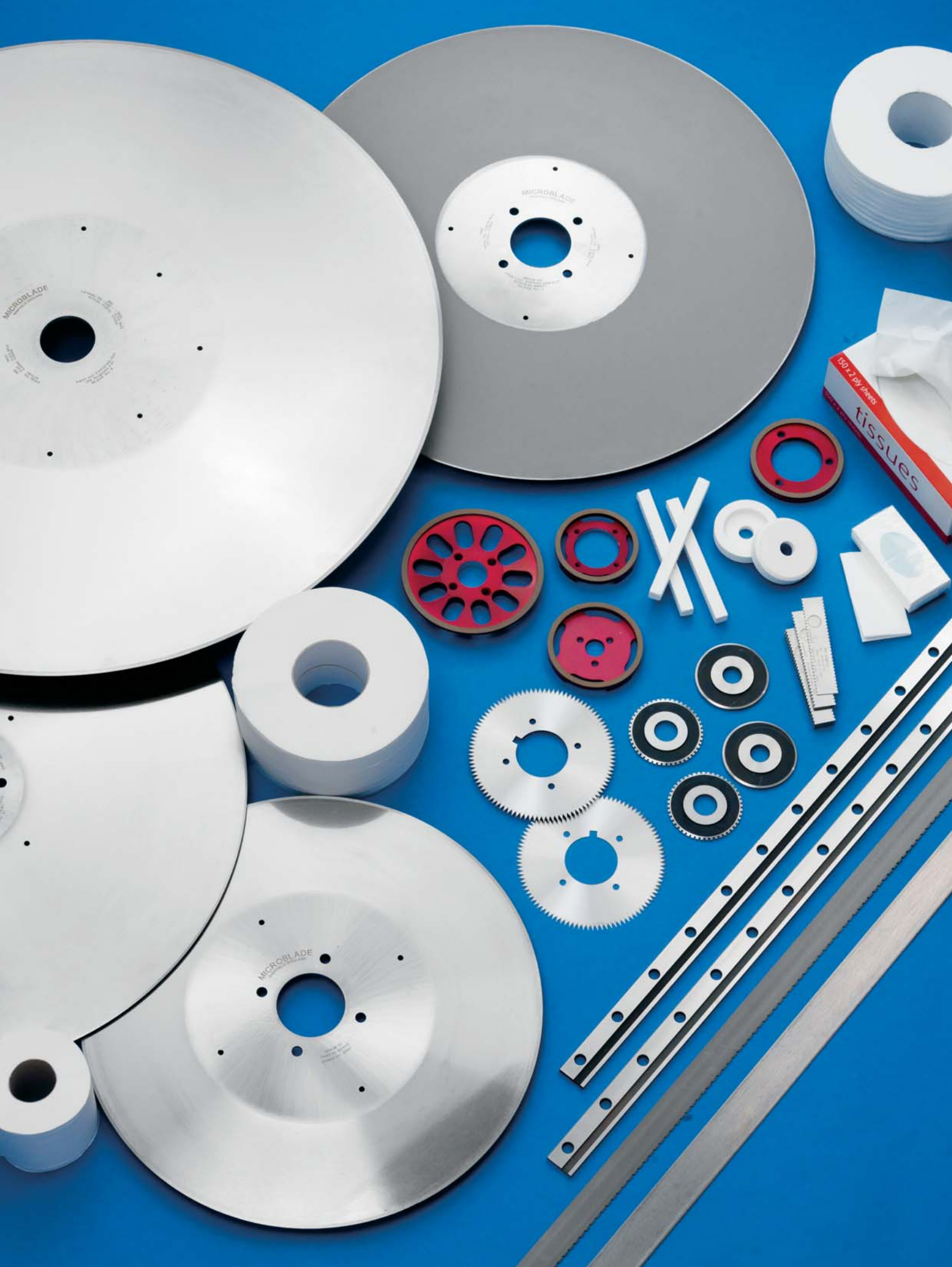


**CONSISTENCY
OF QUALITY**





THE WORLD'S FINEST LOG SAW BLADES



Microblade Limited is in the highly specialised business of manufacturing log saw blades for the sanitary tissue and toweling industry. Our location in Sheffield, England, an area rich in the tradition of industrial saw and knife making, gives us access to the finest craftsmen in the industry. Our completely remodeled building has the most technically advanced equipment and specialised processes needed to produce the world's best log saw blades.

Using the Best Materials and Equipment

Microblade's reputation in the industry is unmatched because from start to finish, we insist on the very best. We begin with the highest quality steel blanks. Then we add experienced saw makers to work with custom-designed heat-treating equipment, saw smithers, and specialised machinery. These experts work entirely on-site supported by sophisticated technology and state-of-the-art equipment.

All of our heat treating is done internally at Microblade. We would never outsource this very critical operation. Our heat-treating furnace is computer monitored and controlled – ensuring every saw blade is consistently hardened to the same tight specification. This enables each saw to hold its edge and provides long life through repeated sharpening cycles.

Unparalleled Quality Control

Our passion for consistency is your assurance of quality. Each saw maker meticulously inspects his work in every stage of production with great attention to detail – never compromising quality. This responsibility and rigorous commitment to excellence is your guarantee that the saw you get tomorrow is the same as the saw you bought yesterday.



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All log saw blades, no matter what company manufactures them, must be smithed to hold the run-out tolerances required to operate today's high-speed log saw booths at maximum efficiency. Microblade's preliminary smithing is done on a custom-built, computerised smithing machine. But no machine can replicate the several hundred-year-old skills practiced by our smithers. It is their skills that give you a log saw blade with such a consistently high-quality cutting edge.

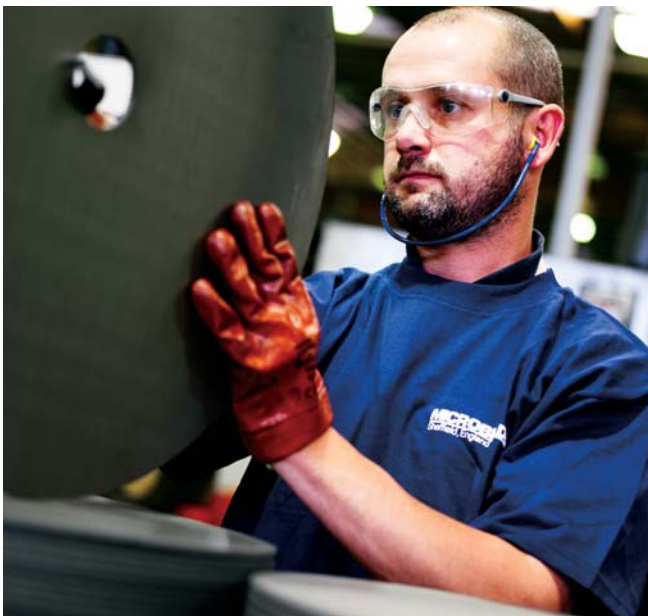


All grinding and polishing is done in house – Microblade does not trust anyone other than their skilled saw makers for these demanding operations. Microblade's high-powered grinders can easily handle Jumbo (810mm and 870mm) and Meter log saw blades.

In addition, Microblade is the only log saw blade manufacturer in the world with the capability to manufacturer the full range of log saw blades from 18" (457mm) to 40" (1,000mm) diameter within our factory.



Each log saw blade receives a final inspection by computerised metrology equipment. The results of this inspection are uploaded to our inspection database that is constantly monitored by our engineering staff. Additionally, we put our results where they really count – laser-etched on each log saw blade – as your assurance of our unparalleled quality control.



Along with the inspection data, batch information is laser-etched to ensure traceability all the way back to the steel mill melt. Every step in the production cycle is monitored. We demand this control – and our ISO protocol insists upon it. Microblade was the first log saw manufacturer to put inspection results on the saw blade.

We put our inspection results where they really count – laser-etched on each log saw blade.



The Cutting Edge

A log saw blade is all about the edge. Microblade was the first log saw manufacturer to put a protective plastic edge on each saw before it is packaged. We put a great deal of effort into giving you a sharp edge and we want to ensure that it remains sharp until use.

Microblade was also the first log saw manufacturer to supply saws with a “non-stick” coating, and remains the world leader in this technology. The advantage to you? Our XLX-coated log saw blades reduce – or in many cases – eliminate the need to use spray lubricant in your log saw booth. Thus dramatically reducing the build-up of contamination and the possibility of a serious fire inside your log saw booth.





A bunch of firsts? Absolutely. When you are the foremost log saw manufacturer in the world, you come up with the ideas that others try to duplicate.

Ready To Ship

What good is the best log saw blade in the world if you if it is not available when you need it? Microblade and its distributors throughout the world maintain stocks of the most popular log saw blades for immediate shipment to you.

The world's best log saw blade deserves the world's best grinding wheel. Microblade's exclusive Ruby Red™ CBN grinding wheels help you keep your log saw blades with a "factory-sharp" edge. These grinding wheels, along with CBN dressing sticks, are available for immediate shipment from Sheffield.





Microblade can also supply all of the other industrial knife needs in your sanitary paper facility, including:

- Wrapper knives
- Perforating blades for Perini rewinders
- Perforating blades for PCM rewinders
- Perforating blades for Bretting rewinders
- Core cutting saws
- Slitters
- And many more – just ask us!

Your Partner in Quality

Microblade has an ongoing commitment to invest in the people, machine tools, processes, and plant to continue to grow with industry developments.

Log sawing sanitary tissue and toweling is a difficult task. It is easiest when your log saw supplier is Microblade Limited of Sheffield, England. Learn more about us at www.knifemaker.com.



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