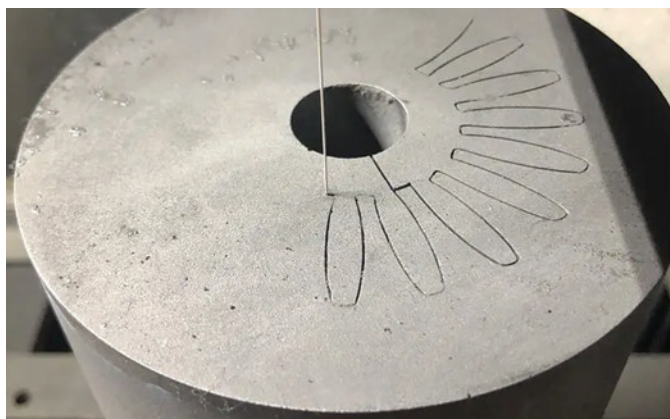


## Updated Abrasive Wire Saw Sets a New Standard in Precision

EDM Network has introduced the latest in a line of CNC diamond wire abrasive saws that fill a void in manufacturing technologies. The model EDMMax 868 is a 2-axis CNC machine that uses a diamond-coated steel wire to cut complex 2D geometry. Wires are available in diameters ranging from 0.007" to 0.015".

The wire is sold in 2000-meter rolls and provides ten wire replacements. The machine holds 200 meters internally and continuously reciprocates during machining. The life of the diamond wire varies based on the materials being cut but typically lasts between 50 and 100 hours of cutting time. The cost of operation is very economical, typically between \$0.50 and \$1.00 per hour.

The EDMMax saw is available in several size options, each with generous cutting envelopes ranging from 15.7" x 11.8" x 11.0" up to 31.5" x 39.4" x 31.5". Cutting accuracy varies based on the materials being cut and the size of the workpiece, but it can achieve a typical accuracy of 0.001", with straightness up to 0.001" in 12" cutting height; one pass surface finish as good as 60 µin RA.



For cutting EDM materials such as graphite, the EDMMax fills the void between a band saw and a Wire EDM. It can perform bulk cutting at speeds that rival a band saw, but achieve accuracy levels such that there is extremely little waste. While it cannot achieve the micron-level accuracy of a Wire EDM, in many cases, the accuracy is acceptable based on the application. The EDMMax can free up the Wire EDM to perform tasks requiring more accuracy.

stone, ceramic, and most composites are easily cut on the EDMMax. So, too, are materials with reduced conductivity, such as metals with oxidized surfaces or coatings. It can even handle minimally conductive semiconductor materials. Perhaps one of the best applications is in the semiconductor industry, where precious metal wafers are cut. The EDMMax will produce minimal waste, which is easily collected for recycling.



The control supports DXF file uploads, or programs can be created using the on-board CAD system that's included with the machine. Options include vacuum dust collection and water filtration.

Learn more at <https://edmnetwork.com>



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