

What Makes AgieCharmilles CUT P 350/550/800 PRO Wire EDM Different, and why the Titans of CNC are calling it the MOST ADVANCED Wire EDM in the World!



Check out these videos!



Swiss Built - engineered for productivity; Optimized for automation.

Large Taper – AgieCharmilles is the only Wire EDM manufacturer offering a machine with the ability to cut 30deg over the entire Z-Axis travel standard. (45 deg. opt.)

UNIQUA HMI - UNIQUA represents the pinnacle of more than a century of EDM technology – and the perfect combination of optimal functionality and ergonomics from previous controls. [Read More](#) or [Watch The Video](#) to learn more.

Fully digital IPG Generator – allows for monitoring and adjustment of spark in real time to increase efficiency, improve surface finish. The CUT P Pro is the industry's fastest rated Wire EDM machines.

Intelligent Spark Protection System (ISPS) – Eliminate Wire Breaks! Real time spark monitoring and adaptation means virtually ZERO wire breaks, even on stepped parts. [Check out the video on YouTube](#)

iWire - Significantly reduces wire consumption by adapting wire speed in real time. Reduce wire use by up to 40%! [Check out what you can expect to save](#)

TurboTech - Fine-tuning performance at the click of a button (literally) - [Click HERE For Turbo!](#)



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Smart Wire - Machine auto-recognizes wire spool and adapts technology without operator intervention. This includes knowing if there is enough wire left on the spool to complete the current job program for streamlined setup and confident unattended operation. Significantly reduces potential for operator error. [Read More](#)

Linear glass scales on ALL axes – long term reliability and repeatability throughout the life of the machine.

Integrated Collision Protection (ICP) on ALL axes - zero downtime in the event of a crash. No sacrificial parts. Just reset and go!

Automatic Wire Threading (AWT) Thermocut module – perfectly straight, conical, and without burr for trouble free threading and rethreading. Very few moving parts – very reliable and low maintenance. [See how well it works.](#)

Polymer granite construction – AgieCharmilles is the only Wire EDM manufacturer to build machines with a polymer granite base. This is the same material used on CMMs to ensure accuracy and repeatability; 6x better dampening than cast iron; 20x lower thermal conductivity than cast iron.

rConnect - Remote machine monitoring and Live Remote Assistance (LRA) significantly reduces downtime and MTTR.



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