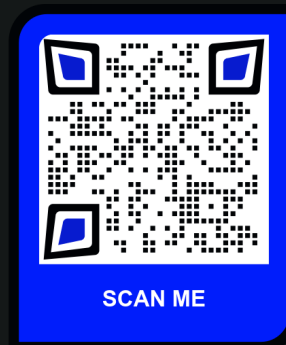


Cut 1000

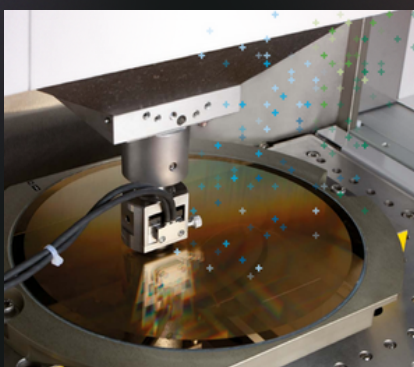
The production of micro components requires high manufacturing tolerances and precise geometrical shapes. For high-precision stamping tools and micro components, the best contour accuracy, finest surface finish, and highest repeatability are essential. The CUT 1000 is designed to meet these demands, offering unique precision, productivity, and predictability. This wire cut machine is a benchmark in micro erosion.



Service Review



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The CUT 1000's innovative mechanical structure features a patented monobloc framework, separately arranged main axes, dual measurement systems on all axes, heat source separation from the EDM area, and a consistently submerged working area with an optimal water circuit. These design elements ensure exceptional performance: 1 μ m positioning accuracy (laser measured at the factory) and Ra 0.08 μ m surface quality (steel/carbide).



Designed for high autonomy, the CUT 1000 supports automated sequences with features including: dual 8 kg wire spools, long-lasting filters and deionizing systems, durable power feeds and wire guides, power failure restart capability, reliable workpiece results, an efficient wire chopper, and scheduled maintenance intervals.

Main Specifications

Travel X,Y,Z	220 x 160 x 100 mm 8.66 x 6.3 x 3.93
Min. surface roughness RA	0.05 μ m
Max. taper angle / height	3/80° mm 3/3.14° in
Max. workpiece dimensions *	300 x 200 x 80 mm 11.81 x 7.87 x 3.14 in
Max. workpiece weight	35 kg 77 lbs

Workpiece

Travel U, V	\pm 40 mm \pm 1.57 in
Wire diameters	0.07 - 0.20 (0.02-0.05 optional) mm 0.003 - 0.008 (0.0008 - 0.002 optional) in
Max. wire spool weight	2x8 kg