

Large Submerged Wire EDM

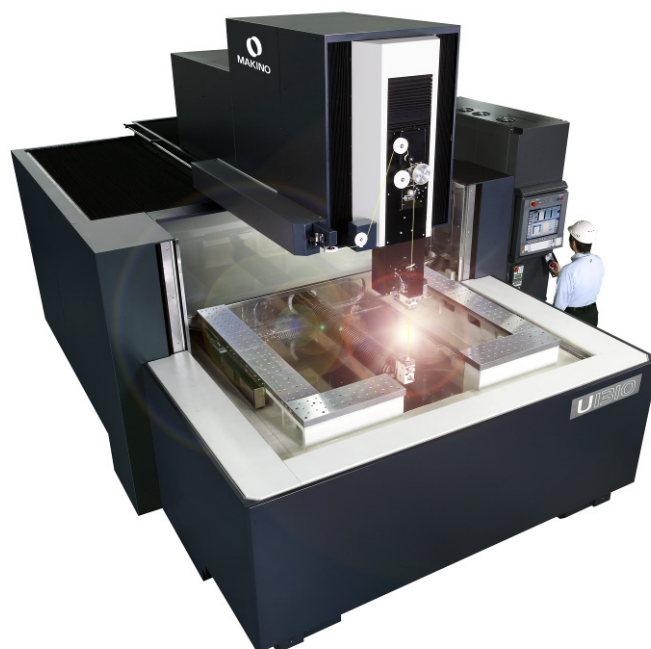
U1310

The demand for large parts of generators, aircraft, large molds of thin flat-screen TVs and other products continues to expand, while at the same time production costs are being reduced and hard-to-machine materials are increasingly being adopted.

Large wire EDM machines are required to deliver high machining accuracy equal to that of small wire EDM machines, something that is not easy to accomplish.

The U1310 is large wire EDM machine, accommodating large workpieces weighing up to 6,000 kg. Yet it still provides shape accuracy and a best surface finish, superb performance that compares favorably with that of small wire EDM machines.

Besides providing high-accuracy machining of large parts, the U1310 enables shortening the production process by machining multiple workpieces.



Main machine specifications

Travels	X×Y×Z-axis	1310×1010×520(620) mm
	U×V-axis	±101×±101 mm
Maximum workpiece size W×D×H		2000×1600×500(600) mm
Maximum workpiece weight		6000 kg
Maximum dielectric fluid height		570(670) mm
Wire electrode diameter		Choose from dia. 0.2, 0.25, 0.3 mm
Maximum taper angle		±15 deg / Thickness 100 mm
Dielectric fluid tank capacity (Water)		4500(4630) L
Machine size W×D×H		3755×5255×2925(3125) mm

Note. Sizes of () are for Z-axis 620mm (Option).