

Maxicut MX-136 CNC Sinker EDM Machine

Features

10 Orbit Patterns

Reduce the number of electrodes and achieve better surface finishes

Large Program Storage Capacity

110 programs with up to 8 steps in each

Password Protected Settings

The program can be password protected to prevent unauthorized changes

Auxiliary I/O

Ability to integrate ancillary devices such as rotary tables, indexers, and work piece handling systems

Linear Glass Scales with 1 Micron Resolution

Provides true, closed loop, position feedback for precise part positioning accuracy

FC-35 Grade Casting

High quality cast iron for increased rigidity and work piece capacity

External Data Transfer

Transfer programs with a USB memory stick or across a network using Ethernet

Integrated C Axis (Optional)

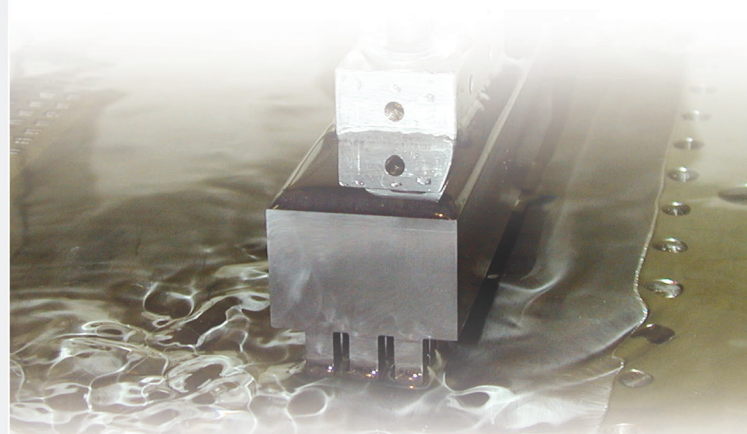
Position the electrode automatically, rotate round electrodes at a constant speed, and program synchronized motion for applications such as threads and spirals

Automatic Tool Changer – ATC (Optional)

Increase unattended machining by automatically changing electrodes

Adaptive Logic (Optional)

Difficult applications can be completed with no flushing without the risk of arcing



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Maxicut MX-136 CNC Sinker EDM Machine Specifications

		MX-136 CNC	
TRAVEL	X AXIS	14.9"	(380 mm)
	Y AXIS	11.0"	(280 mm)
	BACK SLIDE	9.0"	(230 mm)
	Z AXIS	7.2"	(185 mm)
OPEN HEIGHT *	MINIMUM	3.3"	(85 mm)
	MAXIMUM	19.6"	(500 mm)
WORK TABLE	WIDTH	25.5"	(650 mm)
	DEPTH	13.7"	(350 mm)
WORK TANK	WIDTH	39.3"	(1,000 mm)
	DEPTH	23.6"	(600 mm)
	HEIGHT	12.9"	(330 mm)
	MAXIMUM OIL LEVEL	11.0"	(280 mm)
DIELECTRIC RESERVOIR	CAPACITY	75 gal.	(285 liters)
WEIGHT CAPACITY	ELECTRODE ON T SLOT PLATEN	220 lb.	(100 kg.)
	WORK PIECE	2,200 lb.	(1,000 kg.)
GENERATOR	MAXIMUM PEAK CURRENT	100 A	
	ON AND OFF TIME	1 to 4000 μ s	
C AXIS **	ELECTRODE WEIGHT	STATIC	88 lb. (40 kg.)
	CAPACITY	DYNAMIC	66 lb. (30 kg.)
	MAXIMUM PEAK CURRENT	STATIC	100 A
		DYNAMIC	65 A
	MAXIMUM ROTATIONAL SPEED	35 RPM	
FLOOR SPACE AND WEIGHT	WIDTH	96"	(244 cm)
	DEPTH	63"	(160 cm)
	HEIGHT	74"	(188 cm)
	WEIGHT OF MACHINE TOOL	4,180 lb.	(1,900 kg.)
ENVIRONMENTAL	ROOM TEMPERATURE	68 to 77°F	(20 to 25 °C)
	RELATIVE HUMIDITY	40% to 55%	
UTILITIES	ELECTRICAL	220VAC \pm 10%, 60 Hz, 11 KVA	
	AIR	70 PSI @ 1CFM	(5 BAR @ 1.7 CMH)

* Open Height is measured from the T-slot platen to the table. ** Optional.

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