

Maxicut MX-156 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)

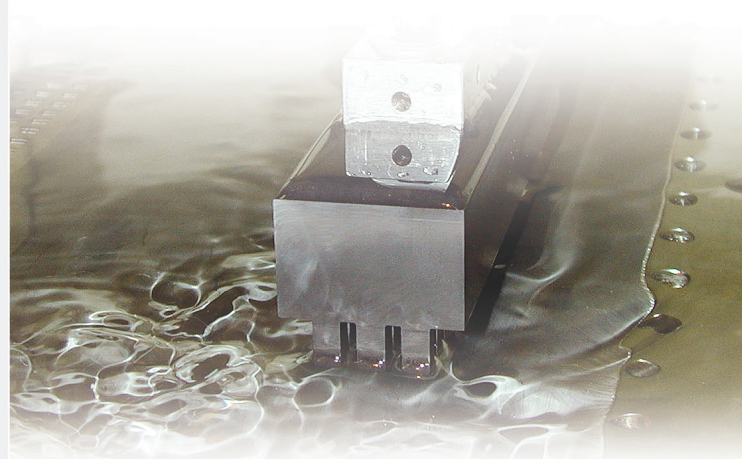
Position the electrode automatically, rotate round electrodes at a constant speed, and program synchronized motion for applications such as threads and spirals

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-156 CNC Sinker EDM Machine Specifications

		MX-156 CNC	
TRAVEL	X AXIS	22.0" (560 mm)	
	Y AXIS	17.7" (450 mm)	
	BACK SLIDE	17.7" (450 mm)	
	Z AXIS	9.8" (250 mm)	
OPEN HEIGHT *	MINIMUM	12.0" (305 mm)	
	MAXIMUM	39.5" (1,005 mm)	
WORK TABLE	WIDTH	39.3" (1,000 mm)	
	DEPTH	21.6" (550 mm)	
WORK TANK	WIDTH	62.9" (1,600 mm)	
	DEPTH	39.3" (1,000 mm)	
	HEIGHT	25.5" (650 mm)	
	MAXIMUM OIL LEVEL	19.6" (500 mm)	
DIELECTRIC RESERVOIR	CAPACITY	330 gal. (1,250 liters)	
WEIGHT CAPACITY	ELECTRODE ON T SLOT PLATEN	396 lb. (180 kg.)	
	WORK PIECE	3,520 lb. (1,600 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	150" (381 cm)	
	DEPTH	86" (218 cm)	
	HEIGHT	117" (296 cm)	
	MACHINE TOOL WEIGHT	7,040 lb. (3,200 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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