

## Maxicut MX-150 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)

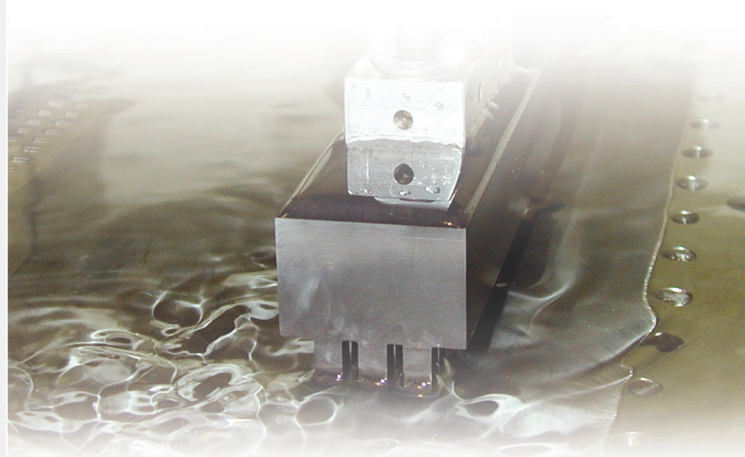
Position the electrode automatically, rotate round electrodes at a constant speed, and program synchronized motion for applications such as threads and spirals

#### 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-150 CNC Sinker EDM Machine Specifications

		MX-150 CNC	
TRAVEL	X AXIS	23.6"	(600 mm)
	Y AXIS	19.6"	(500 mm)
	Z AXIS	15.7"	(400 mm)
OPEN HEIGHT *	MINIMUM	17.3"	(440 mm)
	MAXIMUM	33.0"	(840 mm)
WORK TABLE	WIDTH	31.4"	(800 mm)
	DEPTH	25.5"	(650 mm)
WORK TANK	WIDTH	55.1"	(1,400 mm)
	DEPTH	39.3"	(1,000 mm)
	HEIGHT	22.4"	(570 mm)
	MAXIMUM OIL LEVEL	16.5"	(420 mm)
DIELECTRIC RESERVOIR	CAPACITY	415 gal.	(1,570 liters)
WEIGHT CAPACITY	ELECTRODE ON T SLOT PLATEN	330 lb.	(150 kg.)
	WORK PIECE	5,500 lb.	(2,500 kg.)
GENERATOR	MAXIMUM PEAK CURRENT	100 A	
	ON AND OFF TIME	1 to 4000 $\mu$ 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
FLOOR SPACE AND WEIGHT	MAXIMUM ROTATIONAL SPEED	35 RPM	
	WIDTH	136"	(345 cm)
	DEPTH	100"	(254 cm)
	HEIGHT	106"	(269 cm)
ENVIRONMENTAL	MACHINE TOOL WEIGHT	7,040 lb.	(3,200 kg.)
	ROOM TEMPERATURE	68 to 77°F	(20 to 25°C)
UTILITIES	RELATIVE HUMIDITY	40% to 55%	
	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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