

## Maxicut MX-126 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)

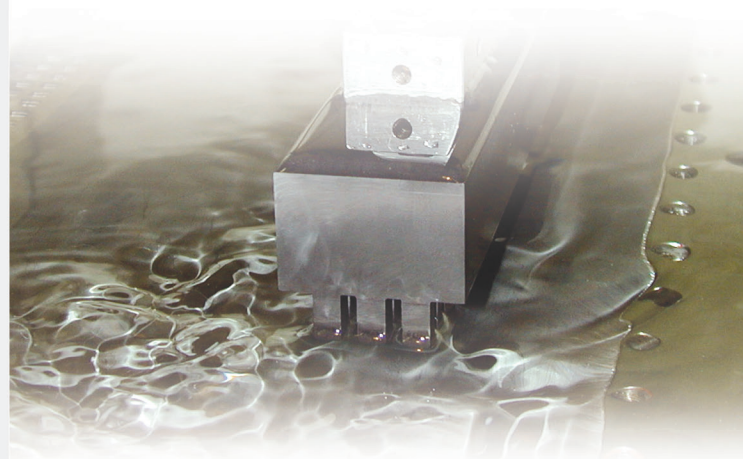
Position the electrode automatically, rotate round electrodes at a constant speed, and program synchronized motion for applications such as threads and spirals

#### 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



Serving All of North America  
ISO 9001 : 2015 Registered



## Maxicut MX-126 CNC Sinker EDM Machine Specifications

		MX-126 CNC	
TRAVEL	X AXIS	11.0"	(280 mm)
	Y AXIS	9.0"	(230 mm)
	BACK SLIDE	5.9"	(150 mm)
	Z AXIS	5.9"	(150 mm)
OPEN HEIGHT *	MINIMUM	5.3"	(135 mm)
	MAXIMUM	17.1"	(435 mm)
WORK TABLE	WIDTH	23.6"	(600 mm)
	DEPTH	11.8"	(300 mm)
WORK TANK	WIDTH	29.5"	(750 mm)
	DEPTH	19.6"	(500 mm)
	HEIGHT	9.4"	(240 mm)
	MAXIMUM OIL LEVEL	7.4"	(190 mm)
DIELECTRIC RESERVOIR	CAPACITY	50 gal.	(190 liters)
WEIGHT CAPACITY	ELECTRODE ON T SLOT PLATEN	220 lb.	(100 kg.)
	WORK PIECE	1,760 lb.	(800 kg.)
GENERATOR	MAXIMUM PEAK CURRENT	60 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	60 A
		DYNAMIC	60 A
	MAXIMUM ROTATIONAL SPEED	35 RPM	
FLOOR SPACE AND WEIGHT	WIDTH	84"	(213 cm)
	DEPTH	63"	(160 cm)
	HEIGHT	74"	(188 cm)
	MACHINE TOOL WEIGHT	2,750 lb.	(1,250 kg.)
ENVIRONMENTAL	ROOM TEMPERATURE	68 to 77°F	(20 to 25°C)
	RELATIVE HUMIDITY	40% to 55%	
UTILITIES	ELECTRICAL	220VAC $\pm$ 10%, 60 Hz, 7.5 KVA	
	AIR	70 PSI @ 1CFM	(5 BAR @ 1.7 CMH)

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

Illustrations and specifications herein are not binding in detail. Belmont Equipment & Technologies reserves the right to modify and make improvements to these specifications without notice.