

## Maxicut MX-196-D 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)

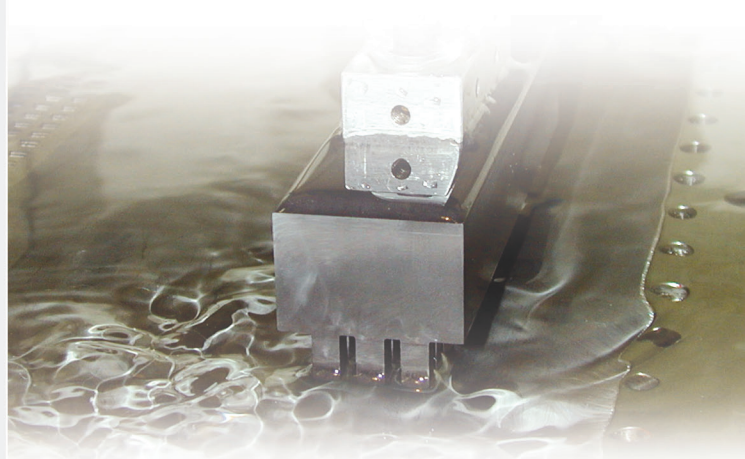
Position the electrode automatically, rotate round electrodes at a constant speed, and program synchronized motion for applications such as threads and spirals

#### 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-196-D CNC Sinker EDM Machine Specifications

		MX-196-D CNC DUAL HEAD	
TRAVEL	X AXIS	EACH HEAD:	88.1" (2,240 mm)
		TOTAL TRAVEL:	118.1" (3,000 mm)
	Y AXIS		27.5" (700 mm)
	Z AXIS		23.2" (590 mm)
OPEN HEIGHT *	MINIMUM		26.3" (670 mm)
	MAXIMUM		49.6" (1,260 mm)
WORK TABLE	WIDTH		122.0" (3,100 mm)
	DEPTH		39.3" (1,000 mm)
WORK TANK	WIDTH		157.4" (4,000 mm)
	DEPTH		57.0" (1,450 mm)
	HEIGHT		24.8" (630 mm)
	MAXIMUM OIL LEVEL		18.8" (480 mm)
DIELECTRIC RESERVOIR	CAPACITY		1,115 gal. (4,220 liters)
WEIGHT CAPACITY	ELECTRODE ON T SLOT PLATEN		495 lb. (225 kg.)
	WORK PIECE		29,920 lb. (13,600 kg.)
GENERATOR	MAXIMUM PEAK CURRENT		200 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
	MAXIMUM ROTATIONAL SPEED		35 RPM
FLOOR SPACE AND WEIGHT	WIDTH		305" (775 cm)
	DEPTH		190" (483 cm)
	HEIGHT		140" (356 cm)
	MACHINE TOOL WEIGHT		40,810 lb. (18,550 kg.)
ENVIRONMENTAL	ROOM TEMPERATURE		68 to 77°F (20 to 25°C)
	RELATIVE HUMIDITY		40% to 55%
UTILITIES	ELECTRICAL		220VAC $\pm$ 10%, 60 Hz, 19 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.