



**BELMONT**  
**EQUIPMENT & TECHNOLOGIES**  
Divisions of Cleary Developments, Inc.

"Everything for EDM"

## Maxicut MX-246 ZNC Sinker EDM Machine

### Features

- **Programmable Z Axis with Eight Lines of Power Settings**  
Automatically control depth and generator settings from roughing to finishing cycles
- **One Button Cycle Start with Auto Fill and Auto Drain**  
Automatically the electrode will detect the surface, set zero, fill the work tank, start the flush pump, cut to depth, retract, and drain the work tank
- **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
- **Self Contained Filtration System and Reservoir**  
Compact foot print requires less floor space
- **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
- **Adaptive Logic (Optional)**  
Difficult applications can be completed with no flushing without the risk of arcing



Call 800-356-4811 or visit us on the web at [www.belmont4edm.com](http://www.belmont4edm.com)





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## Maxicut MX-246 ZNC Sinker EDM Machine Specifications

		MX-246 ZNC
<b>TRAVEL</b>	X AXIS	18.5" (470 mm)
	Y AXIS	14.9" (380 mm)
	BACK SLIDE	11.8" (300 mm)
	Z AXIS	7.2" (185 mm)
<b>OPEN HEIGHT *</b>	MINIMUM	4.5" (115 mm)
	MAXIMUM	23.6" (600 mm)
<b>WORK TABLE</b>	WIDTH	29.5" (750 mm)
	DEPTH	15.7" (400 mm)
<b>WORK TANK</b>	WIDTH	47.2" (1,200 mm)
	DEPTH	27.5" (700 mm)
	HEIGHT	14.9" (380 mm)
	MAXIMUM OIL LEVEL	12.9" (330 mm)
<b>DIELECTRIC RESERVOIR</b>	CAPACITY	165 gal. (630 liters)
<b>WEIGHT CAPACITY</b>	ELECTRODE ON T SLOT PLATEN	330 lb. (150 kg.)
	WORK PIECE	2,860 lb. (1,300 kg.)
<b>GENERATOR</b>	MAXIMUM PEAK CURRENT	100 A
	ON AND OFF TIME	1 to 4000 $\mu$ s
<b>FLOOR SPACE AND WEIGHT</b>	WIDTH	100" (254 cm)
	DEPTH	74" (188 cm)
	HEIGHT	98" (249 cm)
	MACHINE TOOL WEIGHT	4,620 lb. (2,100 kg.)
<b>ENVIRONMENTAL</b>	ROOM TEMPERATURE	68 to 77°F (20 to 25°C)
	RELATIVE HUMIDITY	40% to 55%
<b>UTILITIES</b>	ELECTRICAL	220VAC $\pm$ 10%, 60 Hz, 11 KVA
	AIR	70 PSI @ 1 CFM (5 BAR @ 1.7 CMH)

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

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.

### SERVING ALL OF NORTH AMERICA | ISO 9001: 2008

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