



BELMONT
EQUIPMENT & TECHNOLOGIES
Divisions of Cleary Developments, Inc.

"Everything for EDM"

Maxicut MX-256 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
- **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



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Maxicut MX-256 ZNC Sinker EDM Machine Specifications

		MX-256 ZNC
TRAVEL	X AXIS	22.8" (580 mm)
	Y AXIS	18.5" (470 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	330 lb. (150 kg.)
	WORK PIECE	3,520 lb. (1,600 kg.)
GENERATOR	MAXIMUM PEAK CURRENT	100 A
	ON TIME AND OFF TIME	1 to 4000 μs
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 ±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

Headquarters/MI

P.O. Box 71013
 32055 Edward Avenue
 Madison Heights, MI 48071
 Phone (800) 356-4811
 Fax (800) 486-4336
 Fax (800) 441-4336

New England

665 Prospect Street Suite 8
 Chicopee, MA 01020
 Phone (866) 468-9611
 Fax (413) 536-5683

Central/IL

840 Eagle Drive
 Bensenville, IL 60106
 Phone (877) 860-9602
 Fax (630) 860-9604

Southeastern

797 Locust Street
 Hendersonville, NC 28792
 Phone (800) 799-0786
 Fax (828) 654-9612

Mountain/Pacific

1011 Segovia Circle
 Placentia, CA 92870
 Phone (800) 394-4993
 Fax (800) 441-4336