

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

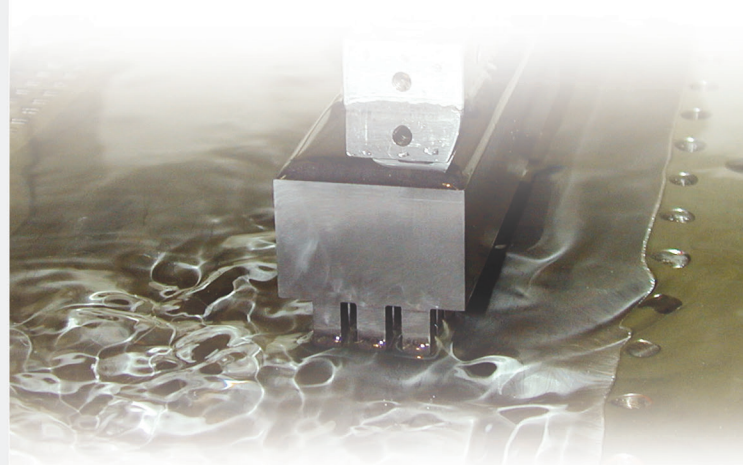
High quality cast iron for increased rigidity and work piece capacity

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



Serving All of North America
ISO 9001 : 2015 Registered



Maxicut MX-246 ZNC Sinker EDM Machine Specifications

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