

## Belmont MX-220 ZNC Sinker EDM Machine

### Features

#### **Compact Footprint**

Maximizes floor space with its compact footprint, which allows for close proximity of multiple machine setups

#### **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

#### **External Data Transfer**

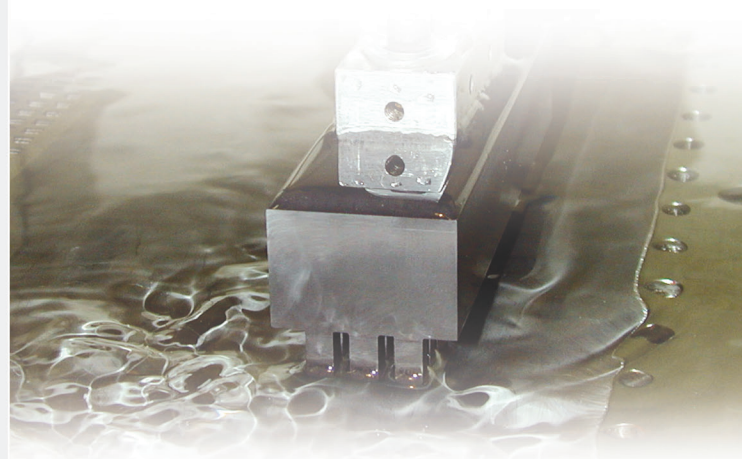
Transfer programs with a USB memory stick or across a network using Ethernet

#### **Adaptive Logic (Optional)**

Difficult applications can be completed with no flushing without the risk of arcing

#### **Part Sensing Circuit (Optional)**

Detects the absence or presence of the work piece at critical points that minimize costly errors due to an incorrectly loaded work piece



Serving All of North America  
ISO 9001 : 2015 Registered



## Belmont MX-220 ZNC Sinker EDM Machine Specifications

	MX-220 ZNC	
<b>TRAVEL</b>	<b>BACK SLIDE</b>	<b>7.8"</b> (200 mm)
	<b>Z AXIS</b>	<b>5.9"</b> (150 mm)
<b>OPEN HEIGHT *</b>	<b>MINIMUM</b>	<b>3.9"</b> (100 mm)
	<b>MAXIMUM</b>	<b>17.7"</b> (450 mm)
<b>WORK TABLE</b>	<b>WIDTH</b>	<b>16.9"</b> (430 mm)
	<b>DEPTH</b>	<b>13.7"</b> (350 mm)
<b>WORK TANK</b>	<b>WIDTH</b>	<b>16.9"</b> (430 mm)
	<b>DEPTH</b>	<b>13.7"</b> (350 mm)
	<b>HEIGHT</b>	<b>13.1"</b> (335 mm)
	<b>MAXIMUM OIL LEVEL</b>	<b>11.2"</b> (285 mm)
<b>DIELECTRIC RESERVOIR CAPACITY</b>	<b>MINIMUM</b>	<b>55 gal.</b> (208 liters)
	<b>MAXIMUM</b>	<b>70 gal.</b> (265 liters)
<b>WEIGHT CAPACITY</b>	<b>MAGNETIC CHUCK</b>	<b>100 lb.</b> (45 kg.)
	<b>WORK PIECE</b>	<b>700 lb.</b> (320 kg)
<b>GENERATOR</b>	<b>MAXIMUM PEAK CURRENT</b>	<b>60 A</b>
	<b>ON AND OFF TIME</b>	<b>1 to 4000 <math>\mu</math>s</b>
<b>FLOOR SPACE AND WEIGHT</b>	<b>WIDTH</b>	<b>56"</b> (142 cm)
	<b>DEPTH</b>	<b>104"</b> (264 cm)
	<b>HEIGHT</b>	<b>96"</b> (244 cm)
	<b>MACHINE TOOL WEIGHT</b>	<b>2,750 lb.</b> (1,250 kg.)
<b>ENVIRONMENTAL</b>	<b>ROOM TEMPERATURE</b>	<b>68 to 77°F</b> (20 to 25°C)
	<b>RELATIVE HUMIDITY</b>	<b>40% to 55%</b>
<b>UTILITIES</b>	<b>ELECTRICAL</b>	<b>220VAC <math>\pm</math>10%, 3 PHASE, 60 Hz, 7.5 KVA</b>
	<b>AIR</b>	<b>70 PSI @ 1 CFM</b> (5 BAR @ 1.7 CMH)

\* Open Height is measured from the bottom of the magnet on the 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.